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A REGIONAL WATER AGENCY
SINCE 1954

Call to Order

Regular Meeting of the Board of Directors
Tuesday, October 17, 2023



Pledge of Allegiance



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Roll Call



Paul Kielhold
President



June Hayes
Vice President



**T. Milford
Harrison**
Treasurer



Gil J. Botello
Director



Susan Longville
Director



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Public Comment

Members of the public may address the Board regarding any item within the subject matter jurisdiction of the Board; however, no action may be taken on off-agenda items except as authorized by law. Each speaker is limited to a maximum of three (3) minutes.



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Consent Calendar

All matters on the Consent Calendar may be approved by one motion. Any member of the Board of Directors may request an item be removed from the Consent Calendar for discussion or separate action.

Consent Calendar 2.1 – 2.2

2.1 Approve Minutes of the Board of Directors' Workshop - Handbook
September 26, 2023 (pg. 3)

2.2 Approve Minutes of the Regular Board of Directors' Meeting - October 3,
2023 (pg. 12)

Board Motion & Roll Call Vote



Paul Kielhold
President



June Hayes
Vice President



**T. Milford
Harrison**
Treasurer



Gil J. Botello
Director



Susan Longville
Director

Staff Recommendation:

Approve Consent Calendar items 2.1 – 2.2.



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Discussion Items 3.1 – 3.2

Heather Dyer, MS, MBA – Chief Executive Office/General Manager

Discussion Item 3.1 (pg. 20)

Kelly Malloy, MPA - Strategic Communications Manager

70th Anniversary Commemoration Events



Look Back 70 Years- 1954 Milestone

January 26-
Special
Election

February 17-
State
Certification

February 24-
First Board
Meeting

Thereafter, on the 17th day of February, 1954, the Secretary of State issued his Certificate in the form of Exhibit 12, certifying that San Bernardino Valley Municipal Water District was duly incorporated according to the laws of the State of California, and a copy of said last mentioned Certificate was thereafter on the 18th day of February, 1954, filed in the office of the County Clerk.

The first meeting of the Board of Directors of San Bernardino District was held on February 24, 1954, at the hour of 2 o'clock P. M. at the office of Surr & Hellyer, 204 Citizens National Bank Building, 3rd & "E" Streets, San Bernardino, California, pursuant to the call and notice thereof which is attached to Exhibit 13 and which was signed by and served upon all the five Directors of the District mentioned more than 24 hours before the time of said meeting, there having been no written request for notice of such or any meeting from any newspaper, radio station or television station.

Marking the Occasion

- Unique logo for 2024
- Developed as part of the Strategic Planning process
- To be used on visual elements
- Opportunity to highlight
 - History
 - Mission, vision, values
 - Long-term projects
 - On-going collaborations



Unique Engagement Opportunities



Commemorative Dinner

- Mitten Building has Regional historical significance
- Large indoor space
 - Government officials
 - Water agencies
 - Community leaders
 - Project partners
 - Current and former employees
 - Consultant partners
- Celebrate milestones through the decades
- Date: February 22, 2024
- Venue and catering contract: \$32,000





Day 1:

Sessions

Who is San Bernardino Valley?

State Water Project

Local water supplies

Water resiliency projects



Day 2:

Local Facilities Tour

State Water Project

Enhanced recharge

Highlight San Bernardino Valley's Foundation

- Two days of activities
- Potential timing: March 2024
- Board of Directors to invite attendees

For Considerations: Fun Run/ 5K

- Sunrise Ranch
- Coordinate with Trails Day- June 1
- Community Fun Run/ 5K
- Educational/ informational booths



Education and Engagement

- Regular events throughout the year
 - Chamber of Commerce series
 - Community events
 - Santa Ana River Science and Conservation Symposium
- Historical document
 - Highlight mission, vision, and values
 - Celebrate the community
- Celebrating accomplishments and looking forward

Director Comments and Discussion



Paul Kielhold
President



June Hayes
Vice President



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Gil J. Botello
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Director

Staff Recommendation:

- 1) Provide direction to staff regarding the proposed 70th Anniversary Year suite of engagement activities and public outreach that would take place throughout 2024. The total cost for these activities is approximately \$85,000, which is included in budget category 6645 - External Affairs/Strategic Communications of the approved FY 23/24 General Fund budget.
- 2) Authorize staff to executed an agreement with the Mitten Building for the Commemorative Dinner event venue fee and full catering services not the exceed \$32,000. This amount is part of the \$70,000 event budget included in the approved FY 23/24 General Fund budget.

Discussion Item 3.2 (pg. 25)

Leo Ferrando, PE, MS - Assistant Chief Engineer

Consider Approval for Construction Expenditures
on Inland Empire Brine Line - Agua Mansa Lateral
Project



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SANTA ANA WATERSHED
PROJECT AUTHORITY

Inland Empire Brine Line Agua Mansa Lateral

Jeff Mosher
General Manager
Santa Ana Watershed Project Authority

David Ruhl
Executive Manager of Engineering and Operations
Santa Ana Watershed Project Authority

San Bernardino Valley Municipal Water District
October 17, 2023

Agua Mansa Lateral Cost Share Agreement



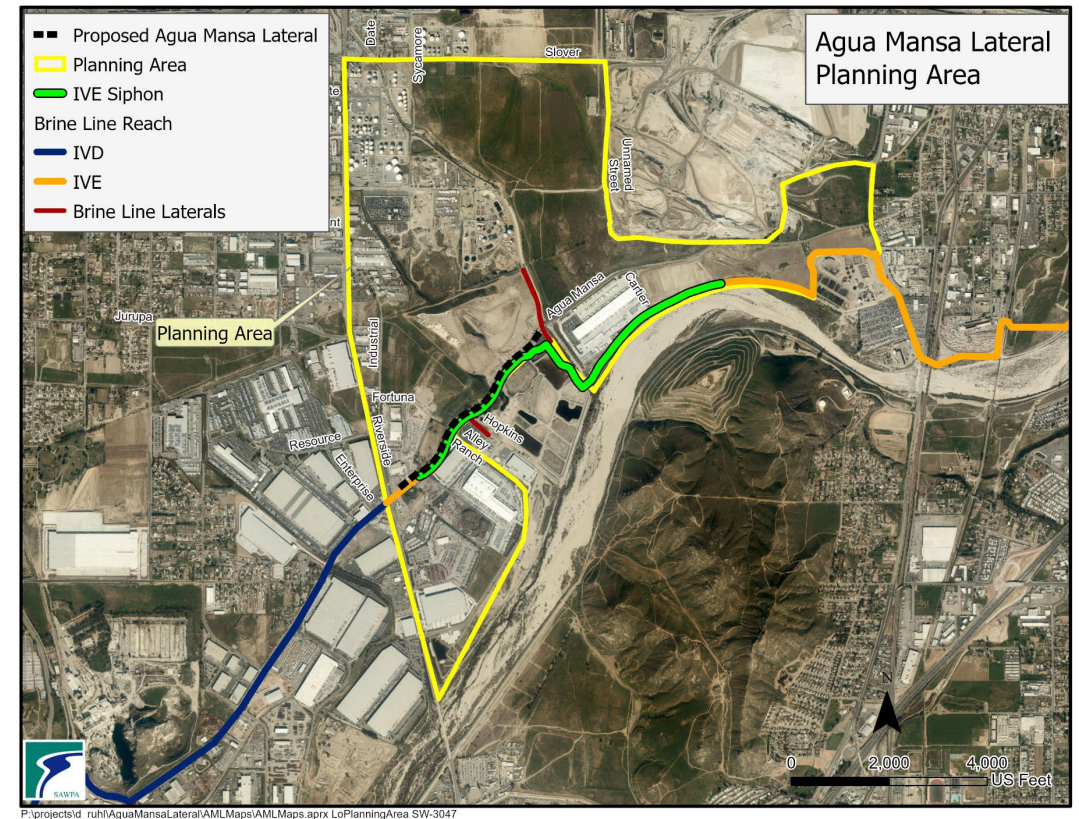
- SAWPA own and operate new lateral
- Cost Share

	<u>Construction</u>	<u>Design</u>
– RBF	82.0%	N/A
– SAWPA	4.5%	25%
– Valley	13.5%	75%
- SAWPA prepare plans and specifications
 - 4,550 linear feet, (8" and 12" pipeline)
- RBF pay their cost share in 5 installments
- RBF to pay 3% interest on unpaid balance
- RBF parent company (Anaergia) provide payment Guaranty
- SAWPA distribute future connection fees (SAWPA 25% / Valley 75%)



Agua Mansa Lateral Benefits

- Opportunity for future dischargers to connect to the Brine Line
- Operational flexibility
- Increased reliability
- Avoided maintenance costs
- Removes connection from long siphon



Agua Mansa Lateral Bids and Contract Award

- SAWPA hired Dudek to prepare plans and specifications
- Project bid as both an 8-inch and 12-inch lateral
- 7 construction bids received in June 2023

Bidder	8-inch Bid Amount	12-inch Bid Amount
– Engineer’s Estimate	\$2,013,000	\$2,167,000
– Genesis Const.	\$1,879,171	\$2,207,290
– Range of bids	\$1,879,171 - \$3,777,422	\$2,207,290 - \$4,085,450

- Genesis submitted the lowest, responsive, responsible bid
- SAWPA PA 24 Award 12-inch lateral construction contract with Genesis
 - Competitive price
 - Difference in price between 12-inch and 8-inch lateral is \$328,119
 - Larger size pipe provides greater capacity for future growth, maintenance activities and by-pass capabilities



Agua Mansa Lateral Budget and Cost Summary

- Costs based on design costs and construction bid amount
- SAWPA and Valley costs include design and bidding costs
- RBF would not pay any additional construction costs for upsizing to 12-inch lateral
- Final cost summary based on actual design and construction costs
- Estimated annual SAWPA O&M costs \$11,000/year

Lateral Size	SAWPA Costs (4.5%)*	Valley Costs (13.5%)*	RBF Costs (82%)	Total Costs
8"	\$142,258	\$426,773	\$1,605,703	\$2.175M
12"	\$224,287	\$672,860	\$1,605,703**	\$2.503M

*Also includes design and bidding costs

** RBF would not pay any additional construction costs for upsizing to a 12-inch lateral.

Agua Mansa Lateral Current Activities and Events

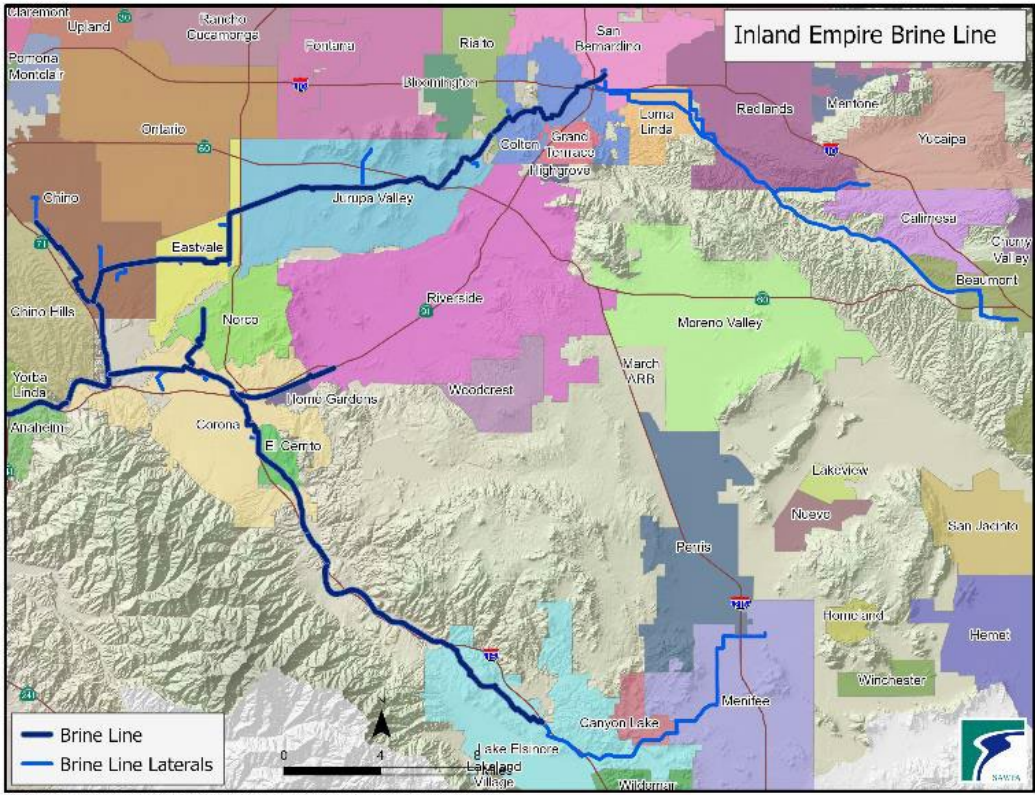
- RBF Chapter 11 (debt restructuring) Bankruptcy
 - RBF file Chapter 11 bankruptcy on May 25, 2023
 - SAWPA retained special counsel
 - RBF informed SAWPA that they still desire the lateral to be built and day to day operations will continue during the Chapter 11 debt restructuring (June)
 - SAWPA received the 2nd installment for construction of the lateral based on the cost share agreement (July)
- Construction
 - Notice of award issued August 2023
 - Construction start date of Sept 11, 2023
 - Complete work within 180 days, March 9, 2024

Brine Line Master Plan

Brine Line Master Plan

- Manage and implement the growth and expansion of the Brine Line to best serve the watershed, Member Agencies and dischargers
- Benefits
 - Ability to make informed decisions
 - Focus resources and prioritize projects
 - Promote economic development
 - Maintain System Reliability
 - Accommodate future growth
 - Meet future regulatory requirements

Asset	Value
Brine Line (73 miles)	\$390 million
1 MGD of Treatment and Disposal Capacity (purchased from OC San)	\$7.5 million



Brine Line Master Plan

- Coordination with Member Agencies, City and County Planning Departments
 - Identify new customer opportunities
 - Identify future growth areas
- Update and calibrate existing hydraulic model
- Identify and evaluate potential multi-use benefits
 - In-line hydroelectric system as source of renewable energy
- Policy Considerations

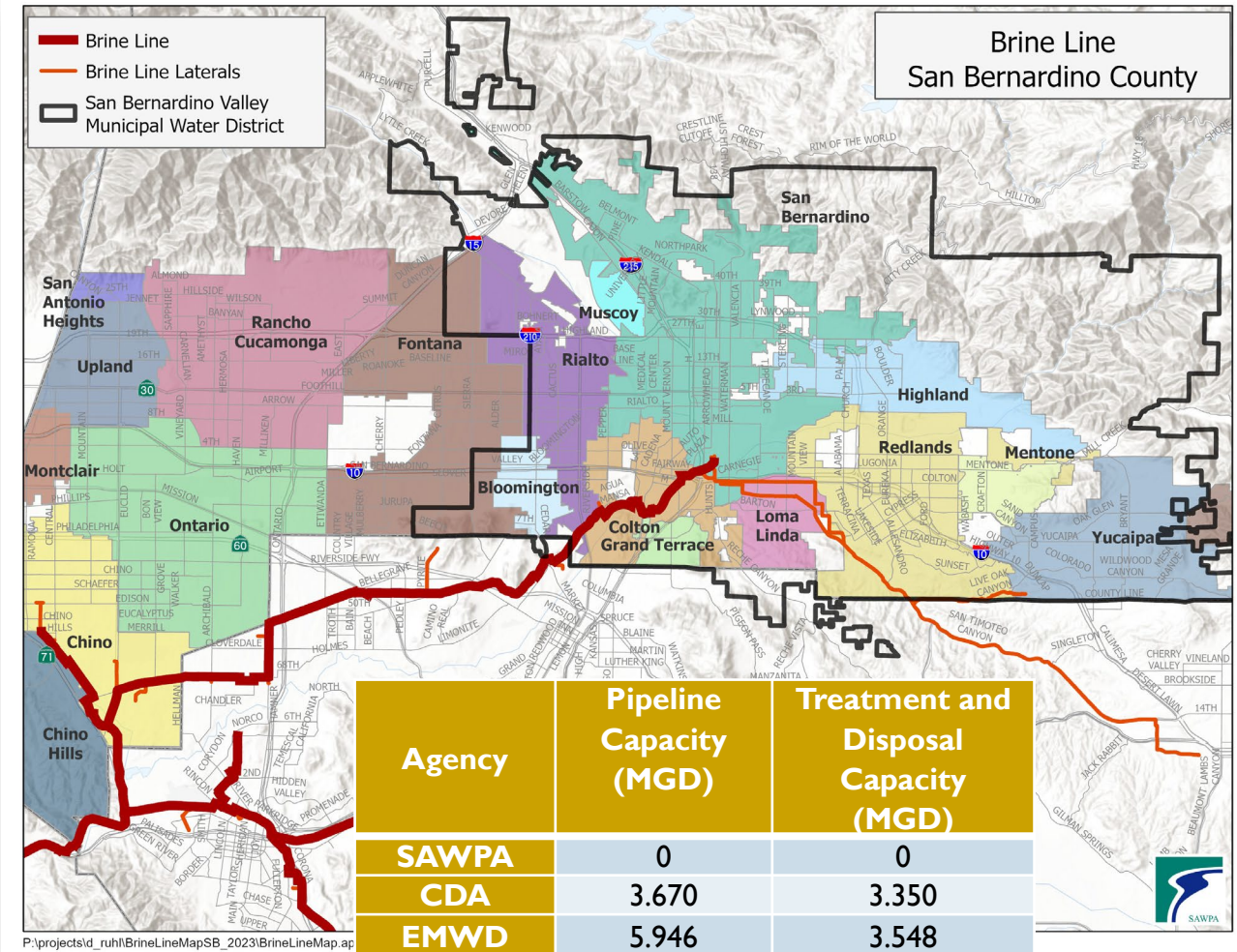


Industries that disposal of salty wastewater:

- Biotech Manufacturing
- Electronic Parts Manufacturers
- Medical Supply Manufacturing
- Computer Chip Manufacturers
- Commercial Laundries
- Food and Beverage Processing
- Groundwater desalters
- Ion Exchange Plants
- Power Plants
- Water Reclamation Facilities

Brine Line Master Plan

- Brine Line existing and future facilities
 - Determine critical infrastructure
 - Evaluate potential system improvements to sustain temporary outages of the Brine Line
 - System improvement for growth
 - Capacity deficiencies
 - Member Agency pipeline capacity
 - Ultimate capacity
 - Resiliency
- Manage capacity (30 MGD)
 - Storage
 - Brine concentration facilities
 - Investigate treatment opportunities



Questions?

Thank You

David Ruhl
Santa Ana Watershed Project Authority
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druhl@sawpa.org
sawpa.org



Director Comments and Discussion



Paul Kielhold
President



June Hayes
Vice President



**T. Milford
Harrison**
Treasurer



Gil J. Botello
Director



Susan Longville
Director

Staff Recommendation:

Staff is requesting approval for construction expenditures in the amount of \$740,000, which is an estimated cost of \$672,860 and a 10% contingency for the Inland Empire Brine Line (IEBL) - Agua Mansa Lateral Project.



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Reports 4.1

CEO/General Manager's Report



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Reports 4.2

**Directors' Report of Activities and Travel
Requests in accordance with Resolution 1100**



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Reports 4.3

General Counsel Report



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Reports 4.4

SAWPA Meeting Report



Santa Ana Watershed Project Authority

SAWPA MEETING SUMMARY

October 17, 2023, Regular Meeting

SAWPA Commission

- Directed the General Manager to file a Notice of Exemption for the Landscaping Refresh and Irrigation Replacement Project with the Riverside County Clerk's Office, and
- Directed the General Manager to issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Landscaping Refresh and Irrigation Replacement Project.



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Reports 4.5

Water Delivery Report

Reports Item 3.5 (pg. 60)

Michael Plinski - Chief of Water Resources
Adekunle Ojo - Water Resources Manager

Water Delivery Report

Staff Recommendation:

Receive and file.

Water Delivery Report

	September	Year to Date
* State Water Project	7,816	37,561
Groundwater		
Baseline Feeder Wells	335	2,610
San Bernardino Avenue Well	0	118
Santa Ana River Diversions	1,814	17,937

* Pending final verification by San Bernardino Valley and Department of Water Resources staff.



Direct Deliveries through September

<u>Direct Deliveries</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Orders	Remaining	% Remaining
BVMWC	0	19	9	103	215	290	184	119	356				1,294	2,000	706	35%
CLAWA Sale (07-025)	0	0	0	0	0	0	0	0	0				0	0	0	100%
EVWD	189	172	124	184	57	0	139	515	504				1,885	5,060	3,175	63%
Fontana (incl. Cemex)	0	0	275	287	463	376	343	391	374				2,509	3,650	1,141	31%
Greenspot Mutual	0	0	0	0	5	0	0	0	0				5	50	45	90%
Marygold Mutual	0	0	0	19	0	0	0	0	0				19	390	371	95%
Redlands	0	0	0	0	0	0	0	287	565				852	1,000	148	15%
SB County - Glen Helen	0	0	0	0	0	0	0	0	0				0	50	50	100%
SBV - Enhanced Recharge Construction	0	0	0	0	0	0	0	0	0				0	100	100	100%
WWWD	6	8	14	0	351	454	708	398	385				2,324	4,200	1,876	45%
Yucaipa Regional Park	0	0	0	18	64	10	35	11	11				147	150	3	2%
YWWD/WHWC	41	349	424	458	513	586	739	863	706				4,680	8,350	3,670	44%
Total Direct Deliveries (AF)	237	547	846	1,069	1,668	1,715	2,148	2,584	2,900	0	0	0	13,714	25,000	11,286	45%



Recharge through September

SBBA Recharge	Turn-Out Capacity (cfs)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Target	Remaining	% Remaining
Badger Basins	5	0	0	0	0	0	0	346	95	0				442	1,000	558	56%
City Creek	3	0	0	0	0	0	0	141	537	0				678	1,000	322	32%
Mill Creek Spreading	15	0	0	539	348	0	0	373	714	1,163				3,137	5,000	1,863	37%
Patton Basins	5	0	0	0	0	0	0	0	0	0				0	0	0	-
Plunge Creek Spreading	3	0	0	0	136	60	50	121	0	0				367	1,000	633	63%
Santa Ana Low & SARC	95	0	0	109	191	7	0	48	119	1,708				2,181	11,000	8,819	80%
Sweetwater	8	0	0	0	332	430	467	589	573	397				2,788	3,000	213	7%
Wateman / East Twin Creek Basins	40	0	0	0	16	965	2,849	2,891	1,955	1,163				9,839	11,000	1,161	11%
SBBA Recharge Sub-Total (AF)	174	0	0	648	1,023	1,462	3,366	4,510	3,992	4,430	0	0	0	19,430	33,000	13,570	41%
Yucaipa Recharge																	
Oak Glen Basins	3	0	0	0	0	0	0	186	0	0				186	1,500	1,314	88%
Wilson Creek Basins	15	0	0	348	604	546	782	764	701	487				4,230	5,500	1,270	23%
Yucaipa Recharge Sub-Total (AF)	18	0	0	348	604	546	782	950	701	487	0	0	0	4,416	7,000	2,584	37%
Total Recharge Deliveries (AF)	192	0	0	995	1,627	2,008	4,149	5,460	4,693	4,916	0	0	0	23,847	40,000	16,153	40%

Water Delivery Report

Monthly updates on the SWP are being provided to the Retail Water Agencies within our service area

DWR will release their Initial Allocation - December 1, 2023

SBV will host a meeting with the Retail Water Agencies in December to begin the planning effort for 2024 SWP deliveries.





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Reports 4.6 (pg. 64)

Treasurer's Report

**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
TREASURER'S REPORT
FOR THE MONTH OF SEPTEMBER 2023**

RECOMMENDATION:

APPROVE THE EXPENSES FOR THE MONTH OF SEPTEMBER 2023
FOR THE FOLLOWING FUNDS:

STATE WATER CONTRACT FUND	\$ 19,356,643.00
GENERAL FUND	\$ 7,481,704.14



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Future Business



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Announcements 6.1 (pg. 73)

October 17, 2023, 9:30 a.m. – SAWPA Commission Meeting by Teleconference or InPerson

October 17, 2023, 2:00 p.m. – Regular Board Meeting by Teleconference or In-Person

October 17, 2023, 6:00 p.m. – Demand Management Incentive Check Presentation (Colton)

October 18, 2023, 8:30 a.m. – Upper SAR WIFA In-Person (Cancelled)

October 18, 2023, 6:00 p.m. – Sunrise Ranch Master Plan Community Workshop #2 – In-Person held at San Bernardino Valley

Administration Office

October 23, 2023, 6:00 p.m. – ASBCSD meeting (The Old Spaghetti Factory, Rancho Cucamonga)

October 25, 2023, 8:30 a.m. – Upper SAR WIFA TAC In-Person (Cancelled)

November 1, 2023, 8:30 a.m. – Upper SAR WIFA In-Person (Cancelled)

November 2, 2023, 2:00 p.m. – Board Workshop – Policy/Administration by Teleconference or In-Person

November 6 -9 – 2023 National HCP Coalition Annual Meeting, West Virginia

November 7, 2023, 2:00 p.m. – Regular Board Meeting by Teleconference or InPerson

November 10, 2023 – Agency Closed for Federal Holiday, Veteran's Day



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Closed Session

7.1 Conference with Legal Counsel - Existing
Litigation - (Paragraph (1) of subdivision (d) of
Section 54956.9) Name of case: Sierra Club v.
California Department of Water Resources,
Sacramento Superior Court Case No. 34-2020-
80003517

Adjourn



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