



S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY
11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

Meeting Access Via Computer (Zoom):	Meeting Access Via Telephone:
<ul style="list-style-type: none"> https://sawpa.zoom.us/j/87027812909 	<ul style="list-style-type: none"> 1 (669) 900-6833
<ul style="list-style-type: none"> Meeting ID: 870 2781 2909 	<ul style="list-style-type: none"> Meeting ID: 870 2781 2909

This meeting will be conducted in person at the address listed above. As a convenience to the public, members of the public may also participate virtually using one of the options set forth above. Any member of the public may listen to the meeting or make comments to the Commission using the call-in number or Zoom link above. However, in the event there is a disruption of service which prevents the Authority from broadcasting the meeting to members of the public, the meeting will not be postponed or rescheduled but will continue without remote participation. The remote participation option is provided as a convenience to the public and is not required. Members of the public are welcome to attend the meeting in-person.

REGULAR COMMISSION MEETING TUESDAY, SEPTEMBER 5, 2023 – 9:30 A.M.

AGENDA

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE (Bruce Whitaker, Chair)

2. ROLL CALL

3. PUBLIC COMMENTS

Members of the public may address the Commission on items within the jurisdiction of the Commission; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).

Members of the public may make comments in-person or electronically for the Commissions' consideration by sending them to publiccomment@sawpa.org with the subject line "Public Comment". Submit your electronic comments by 5:00 p.m. on Monday, September 4, 2023. All public comments will be provided to the Chair and may be read into the record or compiled as part of the record. Individuals have a limit of three (3) minutes to make comments and will have the opportunity when called upon by the Commission.

4. ITEMS TO BE ADDED OR DELETED

Pursuant to Government Code §54954.2(b), items may be added on which there is a need to take immediate action and the need for action came to the attention of the SAWPA Commission subsequent to the posting of the agenda.

5. CONSENT CALENDAR

All matters listed on the Consent Calendar are considered routine and non-controversial and will be acted upon by the Commission by one motion as listed below.

- A. **APPROVAL OF MEETING MINUTES: JULY 18, 2023.....7**
Recommendation: Approve as posted.
- B. **2024 MEDICAL INSURANCE CAP (CM#2023.50).....13**
Recommendation: To direct staff to adjust the medical insurance cap from \$1,944.00 to \$2,057.56, which is equal to the ACWA/JPIA 2024 Kaiser Family Plan rate.

6. NEW BUSINESS

- A. **BASIN MONITORING PROGRAM TASK FORCE CONTRACT APPROVAL | SURFACE WATER QUALITY MONITORING (CM#2023.51)**.....19
Presenter: Ian Achimore
Recommendation: Authorize the General Manager to execute the General Services Agreement and Task Order CWE374-01 with CWE in the amount not to exceed \$93,711.00 for the Consulting Services of Surface Water Quality Monitoring.
- B. **HEADWATERS ARUNDO REMOVAL UPDATE (CM#2023.52)**77
Presenter: Ian Achimore
Recommendation: Receive and file.

7. INFORMATIONAL REPORTS

Recommendation: Receive for information.

- A. **CASH TRANSACTIONS REPORT – JUNE 2023**.....93
Presenter: Karen Williams
- B. **INTER-FUND BORROWING – JUNE 2023 (CM#2023.53)**.....99
Presenter: Karen Williams
- C. **PERFORMANCE INDICATORS/FINANCIAL REPORTING – JUNE 2023 (CM#2023.54)**....105
Presenter: Karen Williams
- D. **PROJECT AGREEMENT 25 – OWOW FUND – FINANCIAL REPORT, JUNE 2023**127
Presenter: Karen Williams
- E. **PROJECT AGREEMENT 26 – ROUNDTABLE FUND – FINANCIAL REPORT, JUNE 2023**.....131
Presenter: Karen Williams
- F. **FOURTH QUARTER FYE 2023 EXPENSE REPORT**.....135
 - General Manager
 - Staff**Presenter:** Karen Williams
- G. **BUDGET VS ACTUAL VARIANCE REPORT – FYE 2023 FOURTH QUARTER – JUNE 30, 2023 (CM#2023.55)**.....139
Presenter: Karen Williams
- H. **FINANCIAL REPORT FOR THE FOURTH QUARTER ENDING JUNE 30, 2023**.....147
Presenter: Karen Williams
- I. **GENERAL MANAGER REPORT**.....157
Presenter: Jeff Mosher
- J. **CHAIR’S COMMENTS/REPORT**
- K. **COMMISSIONERS’ COMMENTS**
- L. **COMMISSIONERS’ REQUEST FOR FUTURE AGENDA ITEMS**

8. CLOSED SESSION

There were no Closed Session items anticipated at the time of the posting of this agenda.

9. ADJOURNMENT

PLEASE NOTE:

Americans with Disabilities Act: If you require any special disability related accommodations to participate in this meeting, call (951) 354-4220 or email svilla@sawpa.org. 48-hour notification prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Requests should specify the nature of the disability and the type of accommodation requested.

Materials related to an item on this agenda submitted to the Commission after distribution of the agenda packet are available for public inspection during normal business hours at the SAWPA office, 11615 Sterling Avenue, Riverside, and available at www.sawpa.org, subject to staff's ability to post documents prior to the meeting.

Declaration of Posting

I, Sara Villa, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on August 31, 2023, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.org and posted at SAWPA's office at 11615 Sterling Avenue, Riverside, California.

2023 SAWPA Commission Meetings/Events

First and Third Tuesday of the Month

(NOTE: All meetings begin at 9:30 a.m., unless otherwise noticed, and are held at SAWPA.)

January	February
1/3/23 Commission Workshop [cancelled]	2/7/23 Commission Workshop
1/17/23 Regular Commission Meeting	2/21/23 Regular Commission Meeting
March	April
3/7/23 Commission Workshop	4/4/23 Commission Workshop
3/21/23 Regular Commission Meeting	4/18/23 Regular Commission Meeting
May	June
5/2/23 Commission Workshop [cancelled]	6/6/23 Commission Workshop
5/16/23 Regular Commission Meeting	6/20/23 Regular Commission Meeting
5/9 – 5/11/23 ACWA Spring Conference, Monterey, CA	
July	August
7/4/23 Commission Workshop [cancelled]	8/1/23 Commission Workshop [cancelled]
7/18/23 Regular Commission Meeting	8/15/23 Regular Commission Meeting [cancelled]
September	October
9/5/23 Commission Workshop	10/3/23 Commission Workshop
9/19/23 Regular Commission Meeting	10/17/23 Regular Commission Meeting
November	December
11/7/23 Commission Workshop	12/5/23 Commission Workshop
11/21/23 Regular Commission Meeting	12/19/23 Regular Commission Meeting
11/28 – 11/30/23 ACWA Fall Conference, Indian Wells, CA	

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SAWPA COMPENSABLE MEETINGS

In addition to Commission meetings, Commissioners and Alternate Commissioners will receive compensation for attending the meetings listed below, pursuant to the Commission Compensation, Expense Reimbursement, and Ethics Training Policy.

IMPORTANT NOTE: These meetings are subject to change. Prior to attending any meetings listed below, please confirm meeting details by viewing the website calendar using the following link:

<https://sawpa.org/sawpa-calendar/>

MONTH OF: SEPTEMBER 2023

DATE	TIME	MEETING DESCRIPTION	LOCATION
9/5/23	10:00 AM	PA 24 Committee Mtg	Hybrid (SAWPA & Virtual/Teleconference)
9/12/23	8:30 AM	PA 22 Committee Mtg	CANCELLED
9/12/23	11:00 AM	Santa Ana Sucker Conservation Team	Virtual/Teleconference
9/21/23	1:00 PM	Lake Elsinore/Canyon Lake TMDL Task Force	Virtual/Teleconference
9/28/23	11:00 AM	OWOW Steering Committee Mtg	Hybrid (SAWPA & Virtual/Teleconference)

MONTH OF: OCTOBER 2023

DATE	TIME	MEETING DESCRIPTION	LOCATION
10/3/23	8:30 AM	PA 23 Committee Mtg	Hybrid (SAWPA & Virtual/Teleconference)
10/3/23	10:00 AM	PA 24 Committee Mtg	Hybrid (SAWPA & Virtual/Teleconference)
10/19/23	4:00 PM	LESJWA Board of Directors Mtg	Hybrid (Elsinore Valley MWD, 31315 Chaney Street, Lake Elsinore, CA 92530 & Virtual/Teleconference)
10/24/23	2:30 PM	Emerging Constituents Program Task Force Mtg	Virtual/Teleconference

Please Note : We strive to ensure the list of Compensable Meetings set forth above is accurate and up-to-date; the list is compiled based on input from SAWPA staff and Department Managers regarding meeting purpose and content.

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**SAWPA COMMISSION
REGULAR MEETING MINUTES
JULY 18, 2023**

COMMISSIONERS PRESENT

Bruce Whitaker, Chair, Orange County Water District
Mike Gardner, Vice Chair, Western Municipal Water District
T. Milford Harrison, Secretary-Treasurer, San Bernardino Valley
Municipal Water District
David J. Slawson, Eastern Municipal Water District
Jasmin A. Hall, Inland Empire Utilities Agency

COMMISSIONERS ABSENT

None

**ALTERNATE COMMISSIONERS
PRESENT; NON-VOTING**

Kelly Rowe, Orange County Water District
Gil Botello, San Bernardino Valley Municipal Water District

STAFF PRESENT

Jeff Mosher, Karen Williams, Edina Goode, Ian Achimore, Rick
Whetsel, Dean Unger, Sara Villa, Zyanya Ramirez, John Leete,
Melissa Bustamonte

OTHERS PRESENT

Andrew Turner, Lagerlof, LLP; Cathy Pieroni, Inland Empire Utilities
Agency; Kevin O'Toole, Orange County Water District; Craig Miller,
Western Municipal Water District; Joshua Aguilar, Western Municipal
Water District; Mallory O'Connor Gandara, Western Municipal Water
District; Ryan Shaw, Western Municipal Water District

The Regular Meeting of the Santa Ana Watershed Project Authority Commission was called to order at 9:30 a.m. by Chair Bruce Whitaker on behalf of the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, California.

1. CALL TO ORDER

2. ROLL CALL

An oral roll call was duly noted and recorded by the Clerk of the Board.

3. PUBLIC COMMENTS

There were no public comments; there were no public comments received via email.

4. ITEMS TO BE ADDED OR DELETED

There were no items to be added or deleted.

5. CONSENT CALENDAR

A. APPROVAL OF MEETING MINUTES: JUNE 20, 2023

Recommendation: Approve as posted.

B. TREASURER'S REPORT: MAY 2023

Recommendation: Approve as posted.

C. TREASURER'S REPORT: JUNE 2023

Recommendation: Approve as posted.

D. ADOPT RESOLUTION NO. 2023-9 TO AMEND SAWPA'S CONFLICT OF INTEREST CODE (CM#2023.44)

Recommendation: Adopt Resolution No. 2023-9, amending SAWPA's Conflict of Interest Code pursuant to the Political Reform Act.

MOVED, to approve the Consent Calendar as posted.

Result:	Adopted by Roll Call Vote
Motion/Second:	Gardner/Hall
Ayes:	Gardner, Hall, Harrison, Slawson, Whitaker
Nays:	None
Abstentions:	None
Absent:	None

6. NEW BUSINESS

A. UPDATED PERSONNEL HANDBOOK APPROVAL (CM#2023.45)

Edina Goode provided a presentation titled Personnel Handbook Update, contained in the agenda packet on pages 45-48. On June 20, 2023, the Commission voted to defer the approval of the Updated Personnel Handbook to a future meeting to allow the Dress and Appearance section to be revised to include a hygiene standard. The revised proposed language is as follows, "All employees shall present themselves during working hours in a manner that reflects professionalism and appropriate personal hygiene. Employees shall comply or be subject to corrective action. There was no discussion.

MOVED, to approve the updated and revised Personnel Handbook.

Result:	Adopted by Roll Call Vote
Motion/Second:	Hall/Harrison
Ayes:	Gardner, Hall, Harrison, Slawson, Whitaker
Nays:	None
Abstentions:	None
Absent:	None

B. APPROVAL OF SALARY SCHEDULES (CM#2023.46)

Jeff Mosher provided a verbal report on the Salary Schedule for FY 2024 as required by CalPERS. The salary schedule referenced on pages 213-214 on the agenda packet was used in preparing the FYE 2024 Budget. The following changes were made to the salary schedule:

- Increased the minimum and maximum salary amounts by the approved 4.6% CPI,
- Added Project Specialist,
- Changed Executive Assistant to Executive Assistant I, and
- Added Executive Assistant II

There was no discussion.

MOVED, to approve the salary schedule for FY 2024 as required by CalPERS.

Result:	Adopted by Roll Call Vote
Motion/Second:	Gardner/Hall
Ayes:	Gardner, Hall, Harrison, Slawson, Whitaker
Nays:	None
Abstentions:	None
Absent:	None

C. INTEGRATED CLIMATE ADAPTATION AND RESILIENCY PROGRAM REGIONAL RESILIENCE PLANNING AND IMPLEMENTATION GRANT PROGRAM (CM#2023.47)

Rachel Gray provided a presentation titled Integrated Climate Adaptation and Resiliency Program (ICARP) Regional Resilience Grant Program (RRGP), contained in the agenda packet on pages 219-229. SAWPA staff is pursuing a grant opportunity made available through the Governor's Office of Planning and Research ICARP RRGP. Over multiple funding rounds, the RRGP will invest funding into regions advancing resilience and responding to their regions' greatest climate risks through three major activities: capacity building, planning (including identifying climate resilience priorities), and project implementation. The total funding for Round 1 is \$9.4 million with the planning grant available at \$650,000, it is anticipated that the project length would be 12-18 months, with no match funding required. There is an overall allocation of 51% of grant funds to go towards Disadvantaged Communities, and 10% funds to be allocated to California Native American Tribes. The goal is to develop a plan to address local, regional, tribal climate resilience needs, and a portfolio projects of climate resilient planning and implementation at a regional scale. The strategy is to align with state priorities and position the region to capitalize on future funding opportunities. State priorities include building on the concepts of watershed resilience and equitable outcomes by identifying climate change vulnerabilities and developing adaptation strategies for a more resilient watershed. Resilient watersheds are better able to respond to and recover from the impacts of climate risks through implementation of adaptation strategies, which are designed to mitigate the impacts and take advantage of beneficial opportunities in response to future climate extremes. Climate risks include drought, extreme heat, flooding, sea level rise, and wildfires.

Ms. Gray noted that there's been continuous collaboration with the member agencies staff and General Managers on the development of ICARP RRGP and have reviewed the final solicitation guidelines that were released June 13, 2023, and requests approval to develop the grant application that is due to the Office of Planning and Research on August 29, 2023, with the Grant Award scheduled to be November 9, 2023. Commissioner Slawson emphasized the value of this opportunity and made a motion to approve the staff's recommendation. Chair Whitaker commended Ms. Gray for her presentation and all her efforts.

MOVED, to adopt Resolution No. 2023-10 authorizing the General Manager, or designee:

1. To authorize the submittal of a planning grant application to the Governor's Office of Planning and Research for the Integrated Climate Adaptation and Resiliency Program Regional Resilience Grant Program to develop a Regional Climate Adaptation and Resilience Plan for the Santa Ana River Watershed; and
2. Designate a representative to sign the application; and
3. Designate a representative to execute the potential funding agreement and all necessary documentation.

Result:	Adopted by Roll Call Vote
Motion/Second:	Slawson/Gardner
Ayes:	Gardner, Hall, Harrison, Slawson, Whitaker
Nays:	None
Abstentions:	None
Absent:	None

7. INFORMATIONAL REPORTS

Recommendation: Receive for Information.

A. CASH TRANSACTIONS REPORT – MAY 2023

B. INTER-FUND BORROWING – MAY 2023 (CM#2023.48)

C. PERFORMANGE INDICATORS/FINANCIAL REPORTING – MAY 2023 (CM#2023.49)

D. PROJECT AGREEMENT 25 – OWOW FUND – FINANCIAL REPORT, APRIL 2023

E. PROJECT AGREEMENT 25 – OWOW FUND – FINANCIAL REPORT, MAY 2023

F. PROJECT AGREEMENT 26 – ROUNDTABLE FUND – FINANCIAL REPORT, APRIL 2023

G. PROJECT AGREEMENT 26 – ROUNDTABLE FUND – FINANCIAL REPORT, MAY 2023

H. GENERAL MANAGER REPORT

Jeff Mosher informed the Commission that West Coast Advisors are closely tracking the Resource Bond. There is still uncertainty about the timing and the amounts, and the bond could be on the ballot in March or November 2024.

I. STATE LEGISLATIVE REPORT

J. CHAIR’S COMMENTS/REPORT

Chair Whitaker informed the Commission that he attended a field trip to Prado Dam with the Santa Ana River Flood Protection Agency that was led by the Army Corps, and it was a good outing, and he recommends staff to participate in attending any future tours if available.

K. COMMISSIONERS’ COMMENTS

Commissioner Gardner informed the Commission that the Senate Bill (SB) 366 is now a 2-year Bill and the Assembly Committee is recommending amendments to extend the bill for an additional year. Also, Western Municipal Water District and San Bernardino Valley Municipal Water District are partnering on a weather monitoring forecasting program with the Corps of Engineers with the intention to use that in the Seven Oaks Dam Watershed so that it can be operated not only as a flood control facility, but also to store water and release it at a rate that it can be percolated into the San Bernardino Basins.

Commissioner Hall noted that she attended a WRCOG event on June 29 and there was a historian named Kerns Dorris Goodwin, and it was a great leadership conference.

L. COMMISSIONERS’ REQUEST FOR FUTURE AGENDA ITEMS

There were no requests for future agenda items.

8. CLOSED SESSION

There was no closed session.

9. ADJOURNMENT

There being no further business for review, Chair Bruce Whitaker adjourned the meeting at 10:00 a.m.

Approved at a Regular Meeting of the Santa Ana Watershed Project Authority Commission on Tuesday, September 5, 2023.

Bruce Whitaker, Chair

Attest:

Sara Villa, Clerk of the Board

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COMMISSION MEMORANDUM NO. 2023.50

DATE: September 5, 2023
TO: SAWPA Commission
SUBJECT: 2024 Medical Insurance Cap
PREPARED BY: Jeff Mosher, General Manager

RECOMMENDATION

It is recommended that the Commission direct staff to adjust the medical insurance cap from \$1,944.00 to \$2,057.56, which is equal to the ACWA/JPIA 2024 Kaiser Family Plan rate.

DISCUSSION

Historically, SAWPA has set the medical insurance cap to the lower of the Kaiser or Blue Cross family rate. The current medical insurance cap is \$1,944.00. Annual medical insurance cap increases since 2019 have been 2.6%, 2.8%, 9.0%, 0%, and 0%; the 2024 increase is 5.8%.

Applicable ACWA/JPIA 2024 Medical Plan Rates in the *Other Southern California* region are as follows¹:

Anthem Blue Cross [Classic PPO] Family Rate:	\$2,179.52 ¹
Anthem Blue Cross [CalCare HMO] Family Rate:	\$2,728.84 ¹
Kaiser [HMO with Chiro]:	\$2,057.56 ¹

¹ Reflects -4% incentive rate.

For your reference, attached is the ACWA JPIA 2024 Medical Plan Monthly Rates sheet for the *Other Southern California* region, as well as for 2023.

CRITICAL SUCCESS FACTORS

- By providing competitive employee benefits, SAWPA can continue to maintain a strong reputation as a watershed-wide, knowledgeable, neutral and trusted facilitator, leader, and administrator of contracted activities.
- Skilled professional staff and resources are paramount to effectively provide facilitation, management, administrative and technical support to collaborative work efforts.

RESOURCE IMPACTS

There are sufficient funds in the FY 2023-24 Budget to cover the increase from the current medical insurance cap of \$1,994.00 to the proposed medical insurance cap of \$2,057.56.

Attachments:

1. 2023 ACWA JPIA Medical Plan Monthly Rates (*Other Southern California* region)
2. 2024 ACWA JPIA Medical Plan Monthly Rates (*Other Southern California* region)

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ACWA JPIA 2023 Medical Plan Monthly Rates

OTHER SOUTHERN CALIFORNIA

Fresno, Imperial, Inyo, Kern, Kings, Madera, Orange, Riverside, San Diego, San Luis Obispo, Santa Barbara & Tulare Counties

Anthem Blue Cross	Standard Rates			Incentive Rates (-4%)			Change to Rates
	Single	Two-Party	Family	Single	Two-Party	Family	
Classic PPO	764.94	1,529.88	2,027.09	734.34	1,468.68	1,946.00	-10.0%
Advantage PPO	673.15	1,346.30	1,783.85	646.22	1,292.44	1,712.48	-10.0%
Consumer Driven Health Plan (CDHP)	611.95	1,223.90	1,621.67	587.47	1,174.94	1,556.80	-10.0%
CalCare HMO	1,016.97	2,033.94	2,694.97	976.29	1,952.58	2,587.17	5.5%
Value HMO	936.63	1,873.26	2,482.07	899.16	1,798.32	2,382.77	5.5%

Some zip codes in the above counties may be in the Kaiser North service area. See the JPIA's Other North region rate sheet for the applicable premiums.

Kaiser South	Standard Rates			New! Incentive Rates (-4%)			Std / Inc
Traditional HMO	701.24	1,402.48	1,949.45	673.19	1,346.38	1,871.47	+2.8% / -1.3%
HMO with Optical	714.15	1,428.30	1,985.34	685.58	1,371.16	1,905.91	+2.8% / -1.3%
Value HMO	640.97	1,281.94	1,781.90	615.33	1,230.66	1,710.62	+2.8% / -1.3%
Consumer Driven Health Plan (CDHP)	511.65	1,023.30	1,422.39	491.18	982.36	1,365.48	+2.8% / -1.3%
Medicare Advantage							
Kaiser Senior Advantage	160.97	321.94	894.29				-11.1%
United Healthcare PPO	404.70	809.40	1,214.10				3.1%
Mixed Medicare ^{1,2}							
			³				⁴
Classic PPO + UHC		1,169.64	1,666.85		1,139.04	1,616.36	-6.1%
Advantage PPO + UHC		1,077.85	1,515.40		1,050.92	1,470.96	-5.7%
Consumer Driven Health Plan (CDHP) + UHC		1,016.65	1,414.42		992.17	1,374.03	-5.4%
CalCare HMO + UHC		1,421.67	2,082.70		1,380.99	2,015.58	5.0%
Value HMO + UHC		1,341.33	1,950.14		1,303.86	1,888.31	4.9%
Kaiser Traditional HMO + Senior Advantage ⁵		862.21	1,409.18		834.16	1,359.25	1.9%

¹ Mixed Medicare rates are for enrollments that include one retiree with Medicare and one without Medicare.

² Kaiser enrollments cannot mix with UHC enrollments. It must be Anthem+UHC or Kaiser+Kaiser.

³ Family Mixed Medicare rates are for one adult with Medicare, plus one adult and child without Medicare.

⁴ Change to Mixed Medicare rates shown is a comparison of Two-Party Standard rates.

⁵ Rates reflect Kaiser Traditional HMO. Contact JPIA Benefits for rates for other Kaiser plan combinations.

If you have questions or would like additional information, please email benefits@acwajpia.com.

Revised 8/23/2022

ACWA JPIA 2023 Delta Dental PPO Rates

No change in 2023 rates

Member Agency	Group	Division	Single	2-Party	Family
Santa Ana Watershed PA	399	1012	33.72	65.20	106.12

ACWA JPIA 2023 VSP Vision Rates

No change in 2023 rates

Member Agency	Group	Division	Composite Rate (for EE + all Deps) -or-		
			Single	2-Party	Family
Santa Ana Watershed PA	022	3009		23.66	

ACWA JPIA 2023 Employee Assistance Program

Rate

Per Employee Per Month \$2.48

ACWA JPIA 2024 Medical Plan Monthly Rates

OTHER SOUTHERN CALIFORNIA

Fresno, Imperial, Inyo, Kern, Kings, Madera, Orange, Riverside, San Diego, San Luis Obispo, Santa Barbara & Tulare Counties

Anthem Blue Cross	Standard Rates			Incentive Rates (-4%)			Change to Rates
	Single	Two-Party	Family	Single	Two-Party	Family	
Classic PPO	856.73	1,713.46	2,270.33	822.46	1,644.92	2,179.52	12.0%
Advantage PPO	753.93	1,507.86	1,997.91	723.77	1,447.54	1,917.99	12.0%
Consumer Driven Health Plan (CDHP)	685.38	1,370.76	1,816.26	657.96	1,315.92	1,743.59	12.0%
CalCare HMO	1,072.66	2,145.32	2,842.55	1,029.75	2,059.51	2,728.84	5.5%
Value HMO	987.92	1,975.84	2,617.99	948.40	1,896.81	2,513.27	5.5%

Some zip codes in the above counties may be in the Kaiser North service area. See the JPIA's Other North region rate sheet for the applicable premiums.

Kaiser South	Standard Rates			Incentive Rates (-4%)			Std / Inc
	Single	Two-Party	Family	Single	Two-Party	Family	
Traditional HMO	770.97	1,541.94	2,143.30	740.13	1,480.26	2,057.56	9.9%
HMO with Optical	785.16	1,570.33	2,182.75	753.76	1,507.51	2,095.44	9.9%
Value HMO	704.71	1,409.41	1,959.08	676.52	1,353.04	1,880.72	9.9%
Consumer Driven Health Plan (CDHP)	557.84	1,115.68	1,550.80	535.53	1,071.05	1,488.76	9.0%
Medicare Advantage							
Kaiser Senior Advantage	184.04	368.08	1,007.76				14.3%
United Healthcare PPO	412.45	824.90	1,237.35				1.9%
Mixed Medicare ^{1,2}							
			³				⁴
Classic PPO + UHC		1,269.18	1,826.05		1,234.91	1,769.51	8.5%
Advantage PPO + UHC		1,166.38	1,656.43		1,136.22	1,606.67	8.2%
Consumer Driven Health Plan (CDHP) + UHC		1,097.83	1,543.33		1,070.41	1,498.08	8.0%
CalCare HMO + UHC		1,485.11	2,182.34		1,442.20	2,111.54	4.5%
Value HMO + UHC		1,400.37	2,042.52		1,360.85	1,977.32	4.4%
Kaiser Traditional HMO + Senior Advantage ⁵		955.01	1,556.37		924.17	1,501.47	10.8%

¹ Mixed Medicare rates are for enrollments that include one retiree with Medicare and one without Medicare.

² Kaiser enrollments cannot mix with UHC enrollments. It must be Anthem+UHC or Kaiser+Kaiser.

³ Family Mixed Medicare rates are for one adult with Medicare, plus one adult and child without Medicare.

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If you have questions or would like additional information, please email benefits@acwajpia.com.

Revised 8/15/2023

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COMMISSION MEMORANDUM NO. 2023.51

DATE: September 5, 2023

TO: SAWPA Commission

SUBJECT: Basin Monitoring Program Task Force Contract Approval | Surface Monitoring

PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

Authorize the General Manager to execute the General Services Agreement and Task Order CWE374-01 with CWE in the amount not to exceed \$93,711.00 for the Consulting Services of Surface Water Quality Monitoring.

DISCUSSION

SAWPA serves as the Basin Monitoring Program Task Force administrator since the Commission's approval of the August 2004 task force agreement. SAWPA has issued numerous requests for proposals (RFPs) and contracts during the approximately 20-year history of the task force. On June 20, 2023, the SAWPA Commission approved the RFP to utilize consultant services for surface water quality monitoring within several reaches of the Santa Ana River. Three proposals were received by the deadline of August 1, 2023, from CWE, ECORP Consulting, Inc., and West Yost & Associates, Inc. SAWPA and the Task Force Scoping Committee, a smaller group comprised of several of the Task Force members, reviewed and rated the proposals shown in table 1 below. SAWPA also contacted the references for each of the three firms. The specific ratings of ECORP and West Yost are kept confidential and coded as the two other firms in the table.

Table 1: RFP Review Results by Scoping Committee

Section Criteria	Firm A	Firm B	CWE
Qualifications and Experience	66	78	79
Exceptions Taken to RFP	65	60	67
Quality of Overall Submittal	74	76	76
Point Sums	205	214	222
Point Averages	68	71	74

With CWE being the highest ranked in Table 1 and their references providing supportive feedback on the firm's performance, the Scoping Committee is recommending the Commission adopt the contract documents with CWE, which include a three-year scope of work and budget of \$93,711 shown in the table below.

Table 2: CWE Scope and Budget

Task No.	Task Name	Total Budget	CWE Hours	CWE Costs	Subcontractor Costs
1	Gaining Property Access for Monitoring	\$3,650	20	\$3,650	NA
2	Establishing Workflow for Monitoring	\$2,594	9	\$2,594	NA
3	Developing Quality Assurance Project Plan	\$19,896	102	\$19,896	NA
4	Quarterly Monitoring and Implementing QAPP	\$53,789	243	\$48,107	\$5,682
5	Upload Data to CEDEN	\$13,782	75	\$13,782	NA
Totals		\$93,711	449	\$88,029	\$5,682

BACKGROUND

Per the Santa Ana River Basin Plan (specifically its 2004 Plan Amendment), the Basin Monitoring Program Task Force has several major deliverables to the Santa Ana Regional Water Quality Control Board (Regional Water Board) listed in the table below. The Santa Ana River Basin Plan is the key regulatory document for groundwater and surface water quality in the Santa Ana River Watershed. There are over twenty parties (i.e. wholesale and retail water agencies) to the August 2004 Task Force Agreement who pool funding and staff resources to comply with water quality regulations so their individual water resource projects can be implemented.

Table 3: Major Task Force Deliverables to the Regional Water Board

Formal Deliverable Name	Description/Purpose	Timeline for Completion
Ambient Water Quality Update	Analysis of salt* and nutrients** in Santa Ana River Watershed's 35 groundwater management zones (over 4,000 wells).	Every three years (going forward it will be done every five years).
Annual Report of Santa Ana River Water Quality	Preparation of Santa Ana River surface water quality report.	Developed annually and submitted by August 1.
Wasteload Allocation Model	Development of a surface discharge allocation to confirm compliance of surface water discharges with ground water quality regulatory requirements.	Performed every ten years.

*Salt is more specifically regulated as the broader pollutant category of total dissolved solids (TDS).

**Nutrients are regulated as Total Inorganic Nitrogen (TIN).

This scope of work with CWE falls mainly within the scope of the annual report. CWE's monitoring services will generally include the following items –

- Assisting SAWPA with executing access agreements with property owners, and/or related parties, when necessary,
- Ensuring proper workflow for field sampling, lab testing, and reporting is established in advance of monitoring,
- Identifying and contracting with a lab and other potential subcontractors,
- Developing a QAPP for the monitoring associated with the scope,
- Conducting quarterly monitoring at various sites along the Santa Ana River and documenting results by implementing the QAPP, and
- Uploading the data collected to a State-certified database.

This monitoring is a requirement of the Santa Ana River Watershed's surface water and groundwater quality regulatory document, the "Santa Ana River Basin Plan", that contains provisions for nutrients and salt management. California Water Code requires that Basin Plan implementation plans must contain a description of the monitoring (i.e. work plan). In response to the updated monitoring program revisions, the Task Force prepared a 2022 Water Quality Work Plan that was submitted to the Regional Board in March 2023. To implement the new surface water quality monitoring work plan, SAWPA and the Task Force developed this RFP.

The data gathered from this monitoring will be utilized in future annual reports, a major deliverable of the Task Force shown in Table 1 above.

CRITICAL SUCCESS FACTORS

- Goals, scope, costs, resources, timelines, and the contract term are approved by the Commission before executing an agreement to participate in a roundtable group.
- Report and use results of roundtable's work, leverage information and involvement for the benefit of SAWPA, its members, and other stakeholders.

RESOURCE IMPACTS

Sufficient funding has been budgeted by the Basin Monitoring Program Task Force for the execution of the scope through a task order. This work is included in the Task Force's current budget.

Attachments:

1. PowerPoint Presentation
2. General Services Agreement
3. Task Order CWE374-01
4. CWE RFP Response

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Basin Monitoring Program Task Force Contract Approval | Surface Monitoring

**Ian Achimore, Senior Watershed Manager
Commission I September 5, 2023
Item No. 6.A**



Major Task Force Deliverables to Santa Ana Regional Water Quality Control Board

Deliverable	Description/Purpose	Timeline for Completion
Ambient Water Quality Update	Analysis of salt* and nutrients** in Santa Ana River Watershed's 35 groundwater management zones.	Performed every three years (going forward it will be done every five years).
Annual Report of SAR Water Quality	Preparation of Santa Ana River surface water quality report.	Performed annually and submitted by August 1.
Wasteload Allocation Model	Development of a surface discharge allocation to confirm compliance of surface water discharges with ground water quality regulatory requirements.	Performed every ten years.

*Salt is more specifically regulated as the broader pollutant category of total dissolved solids (TDS).

**Nutrients are regulated as Total Inorganic Nitrogen (TIN).

Task Force Members

Beaumont Cherry Valley Water District*	Elsinore Valley Municipal Water District
Chino Basin Watermaster	Inland Empire Utilities Agency
City of Banning*	Irvine Ranch Water District
City of Beaumont	Jurupa Community Services District
City of Corona	Orange County Water District
City of Redlands	San Bernardino Valley Municipal Water District*
City of Rialto	San Geronimo Pass Water Agency*
City of Riverside	Temescal Valley Water District
Colton/San Bernardino Regional Tertiary Treatment and Wastewater Reclamation	Western Riverside Co Regional Wastewater Authority/Western Municipal Water District
Eastern Municipal Water District	Yucaipa Valley Water District

- Four new agencies added in 2015 (noted with *)
- Santa Ana Regional Board also a non-funding task force agency

Scope of Work: Surface Water Monitoring and Reporting

- 1) Assisting SAWPA with **executing access agreements** with property owners, and/or related parties, when necessary,
- 2) Ensuring **proper workflow** for field sampling, lab testing, and reporting is established in advance of monitoring,
- 3) Identifying and **contracting with a lab** and other potential subcontractors,
- 4) **Developing a quality assurance project plan (QAPP)** for the monitoring associated with the scope,
- 5) **Conducting quarterly monitoring** at various sites along the Santa Ana River and documenting results by implementing the QAPP, and
- 6) **Uploading the data** collected to a State-certified database.

Legend:

● OCWD Sites

■ USGS Sites

**Santa Ana River
REACH**

— 2

— 3

— 4

— 5

**Map of Santa
Ana River
Reaches**

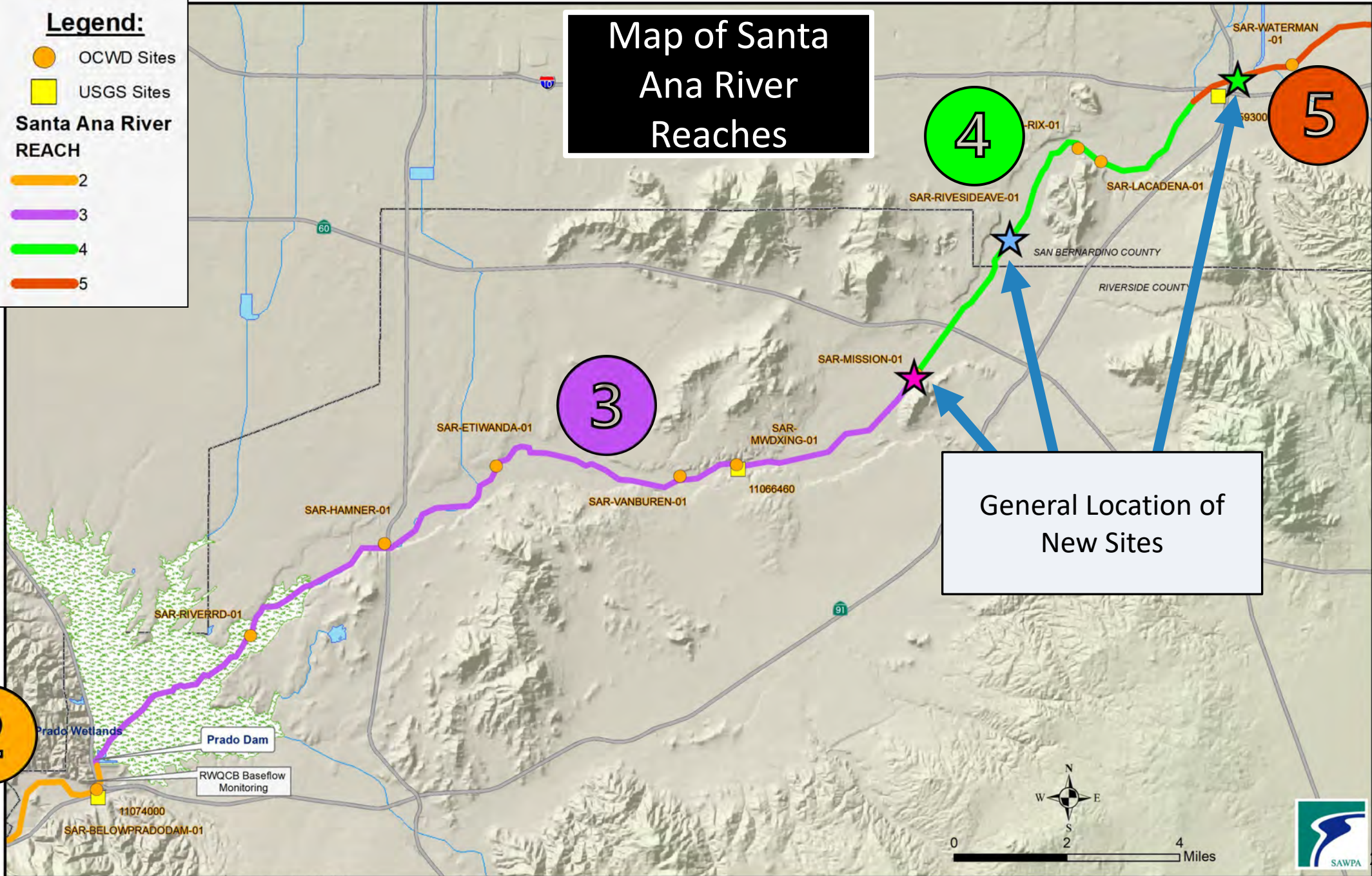
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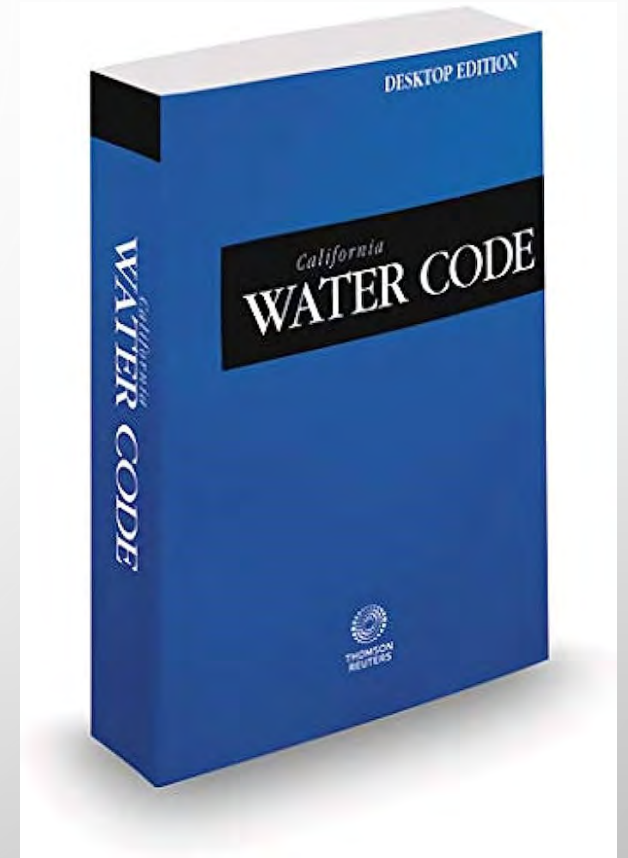
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General Location of
New Sites



Purpose of Monitoring

- The Santa Ana River Watershed’s surface water and groundwater quality regulatory document, the “Santa Ana River Basin Plan”, contains provisions for TDS and TIN management.
- California Water Code requires that Basin Plan implementation plans must contain a description of the monitoring (i.e. work plan).
- In response to the updated monitoring program revisions, the Task Force prepared a 2022 Water Quality Work Plan that was submitted it to the Regional Board.
- To implement the new surface water quality work plan, SAWPA and the Task Force issued the RFP on June 20, 2023.



RFP Results

- Three firms responded:
 - CWE
 - West Yost & Associates, Inc.
 - ECORP Consulting, Inc.

- SAWPA worked with the Task Force scoping committee to review and rate the proposals.

<u>Section Criteria</u>	<u>Firm A*</u>	<u>Firm B*</u>	<u>CWE</u>
Qualifications and Experience	66	78	79
Exceptions Taken to RFP	65	60	67
Quality of overall Submittal	74	76	76
Point Sums	205	214	222
Point Averages	68	71	74

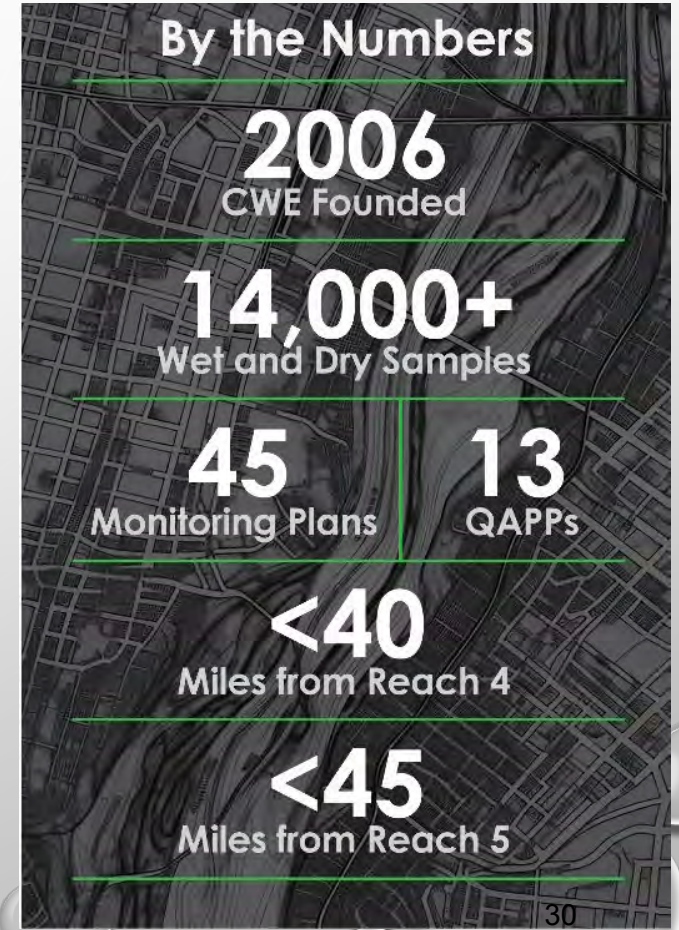
- SAWPA also called the references for each of the three firms.

*Note: The specific ratings of ECORP and West Yost are kept confidential and coded as the two other firms in the table.

About CWE



- 52 total employees and three office locations in Fullerton, San Diego, and Roseville.
- CWE’s team have sampling and monitoring protocol development experience through work for the following clients:
 - SAWPA Middle Santa Ana River Total Maximum Daily Loads Task Force,
 - Gateway Watershed Management Authority,
 - LA River Upper Reach 2 Watershed Management Area,
 - Rio Hondo/San Gabriel River Water Quality Group, and
 - San Bernardino County Mojave River Watershed Group.



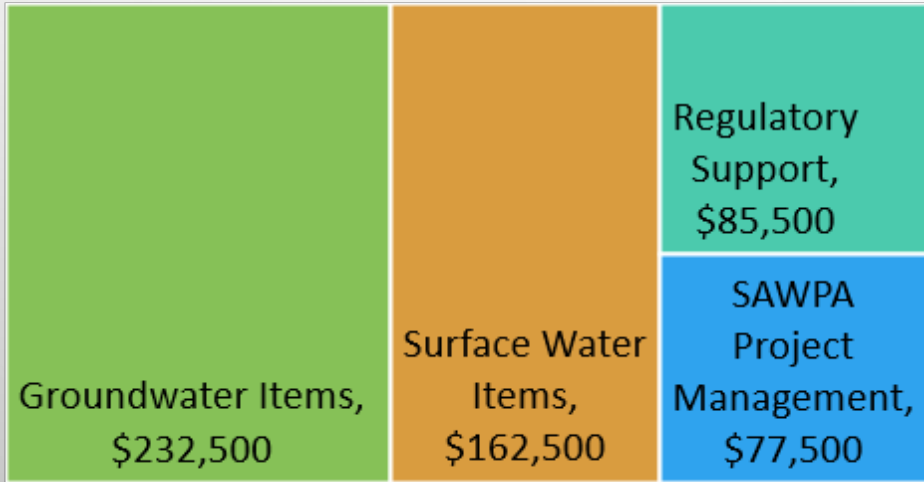
CWE Scope and Budget

Task No.	Task Name	Total Budget	CWE Hours	CWE Costs	Subcontractor Costs
1	Gaining Property Access for Monitoring	\$3,650	20	\$3,650	NA
2	Establishing Workflow for Monitoring	\$2,594	9	\$2,594	NA
3	Developing Quality Assurance Project Plan	\$19,896	102	\$19,896	NA
4	Quarterly Monitoring and Implementing QAPP	\$53,789	243	\$48,107	\$5,682
5	Upload Data to CEDEN	\$13,782	75	\$13,782	NA
Totals		\$93,711	449	\$88,029	\$5,682

Fiscal Impact

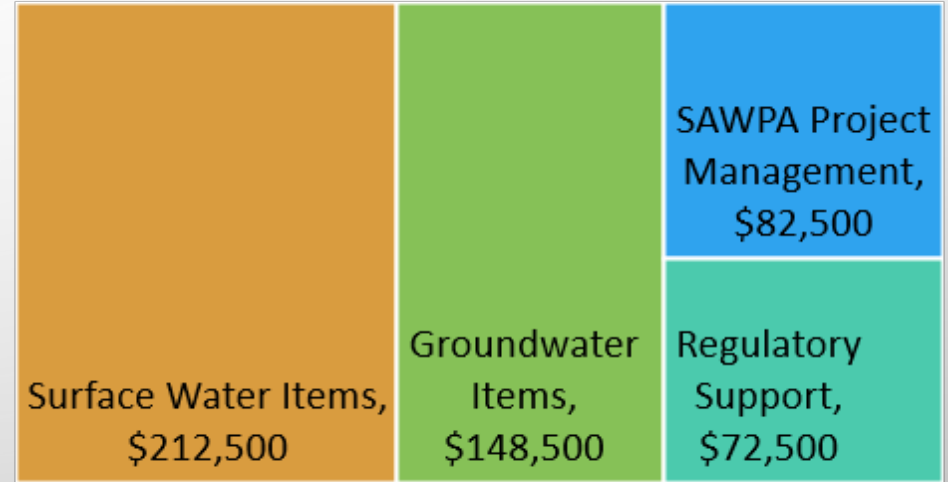
- Sufficient funding has been budgeted by the Basin Monitoring Program Task Force for the execution of the scope through a task order. This work is included in the Task Force’s current budget.

FYE 2024 Expenses



Total Expenses = \$558,000
 Total Revenues = \$558,000

FYE 2025 Expenses



Total Expenses = \$516,000
 Total Revenues = \$516,000

Next Steps

September 14 – Kick Off Meeting

Rest of 2023 – Prepare for monitoring and develop QAPP

2024 – First Year of Actual Monitoring

2025 – Second Year of Actual Monitoring

2026 – Third Year of Actual Monitoring

Recommendation

Authorize the General Manager to execute the General Services Agreement and Task Order CWE374-01 with CWE in the amount not to exceed \$93,711.00 for the Consulting Services of Surface Water Quality Monitoring.



SANTA ANA WATERSHED PROJECT AUTHORITY
GENERAL SERVICES AGREEMENT FOR SERVICES BY INDEPENDENT CONSULTANT

This Agreement is made this **5th day of September, 2023** by and between the Santa Ana Watershed Project Authority ("SAWPA") located at 11615 Sterling Avenue, Riverside, CA, 92503 and CWE ("Consultant") whose address is 1561 E. Orangethorpe Avenue, Suite 240, Fullerton, CA 92831.

RECITALS

This Agreement is entered into on the basis of the following facts, understandings, and intentions of the parties to this Agreement:

- SAWPA desires to engage the professional services of Consultant to perform such professional consulting services as may be assigned, from time to time, by SAWPA in writing;
- Consultant agrees to provide such services pursuant to, and in accordance with, the terms and conditions of this Agreement and has represented and warrants to SAWPA that Consultant possesses the necessary skills, qualifications, personnel, and equipment to provide such services; and
- The services to be performed by Consultant shall be specifically described in one or more written Task Orders issued by SAWPA to Consultant pursuant to this Agreement.

AGREEMENT

Now, therefore, in consideration of the foregoing Recitals and mutual covenants contained herein, SAWPA and Consultant agree to the following:

ARTICLE I

TERM OF AGREEMENT

1.01 This agreement shall become effective on the date first above written and shall continue until **December 31, 2027**, unless extended or sooner terminated as provided for herein.

ARTICLE II

SERVICES TO BE PERFORMED

2.01 Consultant agrees to provide such professional consulting services as may be assigned, from time to time, in writing by the Commission and the General Manager of SAWPA. Each assignment shall be made in the form of a written Task Order. Each such Task Order shall include, but shall not be limited to, a description of the nature and scope of the services to be performed by Consultant, the amount of compensation to be paid, and the expected time of completion.

2.02 Consultant may at Consultant's sole cost and expense, employ such competent and qualified independent professional associates, subcontractors, and consultants as Consultant deems necessary to perform each assignment; provided that Consultant shall not subcontract any work to be performed without the prior written consent of SAWPA.

ARTICLE III

COMPENSATION

3.01 In consideration for the services to be performed by Consultant, SAWPA agrees to pay Consultant as provided for in each Task Order.

3.02 Each Task Order shall specify a total not-to-exceed sum of money and shall be based upon the regular hourly rates customarily charged by Consultant to its clients.

3.03 Consultant shall not be compensated for any services rendered nor reimbursed for any expenses incurred in excess of those authorized in any Task Order unless approved in advance by the Commission and General Manager of SAWPA, in writing.

3.04 Unless otherwise provided for in any Task Order issued pursuant to this Agreement, payment of compensation earned shall be made in monthly installments after receipt from Consultant of a timely, detailed, corrected, written invoice by SAWPA's Project Manager, describing, without limitation, the services performed, when such services were performed, the time spent performing such services, the hourly rate charged therefore, and the identity of individuals performing such services for the benefit of SAWPA. Such invoices shall also include a detailed itemization of expenses incurred. Upon approval by an authorized SAWPA employee, SAWPA will pay within 30 days after receipt of a valid invoice from Consultant.

ARTICLE IV

CONSULTANT OBLIGATIONS

4.01 Consultant agrees to perform all assigned services in accordance with the terms and conditions of this Agreement including those specified in each Task Order. In performing the services required by this Agreement and any related Task Order Consultant shall comply with all local, state and federal laws, rules and regulations. Consultant shall also obtain and pay for any permits required for the services it performs under this Agreement and any related Task Order.

4.02 Except as otherwise provided for in each Task Order, Consultant will supply all personnel and equipment required to perform the assigned services.

4.03 Consultant shall be solely responsible for the health and safety of its employees, agents and subcontractors in performing the services assigned by SAWPA.

4.04 Insurance Coverage: Consultant shall procure and maintain for the duration of this Agreement insurance against claims for injuries or death to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Consultant, its agents, representatives, employees or sub-contractors.

4.04(a) Coverage - Coverage shall be at least as broad as the following:

- 1. Commercial General Liability (CGL)** - Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to SAWPA) or the general aggregate limit shall be twice the required occurrence limit.
- 2. Automobile Liability** – (if necessary) Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) or if Consultant has no owned autos, Symbol 8 (hired) and 9 (non-owned) with limit of one million dollars (\$1,000,000) for bodily injury and property damage each accident.
- 3. Workers' Compensation Insurance** - as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
- 4. Professional Liability** - (Also known as Errors & Omission) Insurance appropriate to the Consultant profession, with limits no less than \$1,000,000 per occurrence or claim, and \$2,000,000 policy aggregate.
- 5. Cyber Liability Insurance (Technology Professional Liability – Errors and Omissions)** – If Consultant will be providing technology services, limits not less than \$2,000,000 per occurrence or claim, and \$2,000,000 aggregate or the full per occurrence limits of the policies available, whichever is greater. Coverage shall be sufficiently broad to respond to the duties and obligations as is undertaken by Consultant in this Agreement and shall include, but not be limited to, claims involving infringement of intellectual property, including but not limited to infringement of copyright, trademark, trade dress,

invasion of privacy violations, information theft, damage to or destruction of electronic information, release of private information, alteration of electronic information, extortion and network security. The policy shall provide coverage for breach response costs as well as regulatory fines and penalties as well as credit monitoring expenses with limits sufficient to respond to these obligations.

If the Consultant maintains broader coverage and/or higher limits than the minimums shown above, SAWPA requires and shall be entitled to the broader coverage and/or higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to SAWPA.

4.04(b) If Claims Made Policies:

1. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
2. Insurance must be maintained and evidence of insurance must be provided **for at least five (5) years after completion of the contract of work.**
3. If coverage is canceled or non-renewed, and not **replaced with another claims-made policy form with a Retroactive Date** prior to the contract effective date, the Consultant must purchase "extended reporting" coverage for a minimum of **five (5) years** after completion of contract work.

4.04(c) Waiver of Subrogation: The insurer(s) named above agree to waive all rights of subrogation against SAWPA, its elected or appointed officers, officials, agents, authorized volunteers and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the Agency; but this provision applies regardless of whether or not SAWPA has received a waiver of subrogation from the insurer.

4.04(d) Other Required Provisions - The general liability policy must contain, or be endorsed to contain, the following provisions:

1. **Additional Insured Status:** SAWPA, its directors, officers, employees, and authorized volunteers are to be given insured status (at least as broad as ISO Form CG 20 10 10 01), with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations.
2. **Primary Coverage:** For any claims related to this project, the Consultant's insurance coverage shall be primary at least as broad as ISO CG 20 01 04 13 as respects to SAWPA, its directors, officers, employees and authorized volunteers. Any insurance or self-insurance maintained by the Member Water Agency its directors, officers, employees and authorized volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

4.04(e) Notice of Cancellation: Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to SAWPA.

4.04(f) Self-Insured Retentions - Self-insured retentions must be declared to and approved by SAWPA. SAWPA may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or SAWPA.

4.04(g) Acceptability of Insurers - Insurance is to be placed with insurers having a current A.M. Best rating of no less than A: VII or as otherwise approved by SAWPA.

4.04(h) Verification of Coverage – Consultant shall furnish SAWPA with certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by SAWPA before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. SAWPA reserves the right to require complete, certified copies of all required insurance policies, including policy Declaration pages and Endorsement pages.

4.04(i) Subcontractors - Consultant shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Consultant shall ensure that SAWPA, its directors, officers, employees and authorized volunteers are additional insureds on Commercial General Liability Coverage.

4.05 Consultant hereby covenants and agrees that SAWPA, its officers, employees, and agents shall not be liable for any claims, liabilities, penalties, fines or any damage to property, whether real or personal, nor for any personal injury or death caused by, or resulting from, or claimed to have been caused by or resulting from, any negligence, recklessness, or willful misconduct of Consultant. To the extent permitted by law, Consultant shall hold harmless, defend at its own expense, and indemnify SAWPA, its directors, officers, employees, and authorized volunteers, against any and all liability, claims, losses, damages, or expenses, including reasonable attorney's fees and costs, arising from all acts or omissions of Consultant or its officers, agents, or employees in rendering services under this Agreement and any Task Order issued hereunder; excluding, however, such liability, claims, losses, damages or expenses arising from SAWPA's sole negligence or willful acts.

4.06 In the event that SAWPA requests that specific employees or agents of Consultant supervise or otherwise perform the services specified in each Task Order, Consultant shall ensure that such individual(s) shall be appointed and assigned the responsibility of performing the services.

4.07 In the event Consultant is required to prepare plans, drawings, specifications and/or estimates, the same shall be furnished with a registered professional engineer's number and shall conform to local, state and federal laws, rules and regulations. Consultant shall obtain all necessary permits and approvals in connection with this Agreement, any Task Order or Change Order. However, in the event SAWPA is required to obtain such an approval or permit from another governmental entity, Consultant shall provide all necessary supporting documents to be filed with such entity, and shall facilitate the acquisition of such approval or permit.

4.08 Consultant shall comply with all local, state and federal laws, rules and regulations including those regarding nondiscrimination and the payment of prevailing wages, if required by law.

ARTICLE V

SAWPA OBLIGATIONS

5.01 SAWPA shall:

5.01a Furnish all existing studies, reports and other available data pertinent to each Task Order that are in SAWPA's possession;

5.01b Designate a person to act as liaison between Consultant and the General Manager and Commission of SAWPA.

ARTICLE VI

ADDITIONAL SERVICES, CHANGES AND DELETIONS

6.01 During the term of this Agreement, the Commission of SAWPA may, from time to time and without affecting the validity of this Agreement or any Task Order issued pursuant thereto, order changes, deletions, and additional services by the issuance of written Change Orders authorized and approved by the Commission of SAWPA.

6.02 In the event Consultant performs additional or different services than those described in any Task Order or authorized Change Order without the prior written approval of the Commission of SAWPA, Consultant shall not be compensated for such services.

6.03 Consultant shall promptly advise SAWPA as soon as reasonably practicable upon gaining knowledge of a condition, event, or accumulation of events, which may affect the scope and/or cost of services to be provided pursuant to this Agreement. All proposed changes, modifications, deletions, and/or requests for additional services shall be reduced to writing for review and approval or rejection by the Commission of SAWPA.

6.04 In the event that SAWPA orders services deleted or reduced, compensation shall be deleted or reduced by a comparable amount as determined by SAWPA and Consultant shall only be compensated for services actually performed. In the event additional services are properly authorized, payment for the same shall be made as provided in Article III above.

ARTICLE VII

CONSTRUCTION PROJECTS: CONSULTANT CHANGE ORDERS

7.01 In the event SAWPA authorizes Consultant to perform construction management services for SAWPA, Consultant may determine, in the course of providing such services, that a Change Order should be issued to the construction contractor, or Consultant may receive a request for a Change Order from the construction contractor. Consultant shall, upon receipt of any requested Change Order or upon gaining knowledge of any condition, event, or accumulation of events, which may necessitate issuing a Change Order to the construction contractor, promptly consult with the liaison, General Manager and Commission of SAWPA. No Change Order shall be issued or executed without the prior approval of the Commission of SAWPA.

ARTICLE VIII

TERMINATION OF AGREEMENT

8.01 In the event the time specified for completion of an assigned task in a Task Order exceeds the term of this Agreement, the term of this Agreement shall be automatically extended for such additional time as is necessary to complete such Task Order and thereupon this Agreement shall automatically terminate without further notice.

8.02 Notwithstanding any other provision of this Agreement, SAWPA, at its sole option, may terminate this Agreement at any time by giving 10 day written notice to Consultant, whether or not a Task Order has been issued to Consultant.

8.03 In the event of termination, the payment of monies due Consultant for work performed prior to the effective date of such termination shall be paid after receipt of an invoice as provided in this Agreement.

ARTICLE IX

CONSULTANT STATUS

9.01 Consultant shall perform the services assigned by SAWPA in Consultant's own way as an independent contractor, in pursuit of Consultant's independent calling and not as an employee of SAWPA. Consultant shall be under the control of SAWPA only as to the result to be accomplished and the personnel assigned to perform services. However, Consultant shall regularly confer with SAWPA's liaison, General Manager, and Commission as provided for in this Agreement.

9.02 Consultant hereby specifically represents and warrants to SAWPA that the services to be rendered pursuant to this Agreement shall be performed in accordance with the standards customarily applicable to an experienced and competent professional consulting organization rendering the same or similar services. Furthermore, Consultant represents and warrants that the individual signing this Agreement on behalf of Consultant has the full authority to bind Consultant to this Agreement.

ARTICLE X

AUDIT AND OWNERSHIP OF DOCUMENTS

10.01 All draft and final reports, plans, drawings, specifications, data, notes, and all other documents of any kind or nature prepared or developed by Consultant in connection with the performance of services assigned to it by SAWPA are the sole property of SAWPA, and Consultant shall promptly deliver all such materials to SAWPA. Consultant may retain copies of the original documents, at its option and expense. Use of such documents by SAWPA for project(s) not the subject of this Agreement shall be at SAWPA's sole risk without legal liability or exposure to Consultant. SAWPA agrees to not release any software "code" without prior written approval from the Consultant.

10.02 Consultant shall retain and maintain, for a period not less than four years following termination of this Agreement, all time records, accounting records, and vouchers and all other records with respect to all matters concerning services performed, compensation paid and expenses reimbursed. At any time during normal business hours and as often as SAWPA may deem necessary, Consultant shall make available to SAWPA's agents for examination of all such records and will permit SAWPA's agents to audit, examine and reproduce such records.

ARTICLE XI

MISCELLANEOUS PROVISIONS

11.01 This Agreement supersedes any and all previous agreements, either oral or written, between the parties hereto with respect to the rendering of services by Consultant for SAWPA and contains all of the covenants and agreements between the parties with respect to the rendering of such services in any manner whatsoever. Any modification of this Agreement will be effective only if it is in writing signed by both parties.

11.02 Consultant shall not assign or otherwise transfer any rights or interest in this Agreement without the prior written consent of SAWPA. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

11.03 In the event Consultant is an individual person and dies prior to completion of this Agreement or any Task Order issued hereunder, any monies earned that may be due Consultant from SAWPA as of the date of death will be paid to Consultant's estate.

11.04 Time is of the essence in the performance of services required hereunder. Extensions of time within which to perform services may be granted by SAWPA if requested by Consultant and agreed to in writing by SAWPA. All such requests must be documented and substantiated and will only be granted as the result of unforeseeable and unavoidable delays not caused by the lack of foresight on the part of Consultant.

11.05 SAWPA expects that Consultant will devote its full energies, interest, abilities and productive time to the performance of its duties and obligations under this Agreement, and shall not engage in any other consulting activity that would interfere with the performance of Consultant's duties under this Agreement or create any conflicts of interest. If required by law, Consultant shall file a Conflict of Interest Statement with SAWPA.

11.06 Any dispute which may arise by and between SAWPA and the Consultant, including the Consultants, its employees, agents and subcontractors, shall be submitted to binding arbitration. Arbitration shall be conducted by a neutral, impartial arbitration service that the parties mutually agree upon, in accordance with its rules and procedures. The arbitrator must decide each and every dispute in accordance with the laws of the State of California, and all other applicable laws. Unless the parties stipulate to the contrary prior to the appointment of the arbitrator, all disputes shall first be submitted to non-binding mediation conducted by a neutral, impartial mediation service that the parties mutually agree upon, in accordance with its rules and procedures.

11.07 During the performance of the Agreement, Consultant and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status and denial of family care leave. Consultant and its subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Consultant and its subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Government Code, Section 12290 et seq.) and the applicable regulations promulgated there under (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 et seq., set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Consultant and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement. Consultant shall include the

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**SANTA ANA WATERSHED PROJECT AUTHORITY
TASK ORDER NO. CWE374-01**

CONSULTANT: CWE **VENDOR NO.:** 2348
1561 E. Orangethorpe Avenue, Suite 240
Fullerton, CA 92831

COST: \$93,711.00

PAYMENT: Upon Receipt of Proper Invoice

REQUESTED BY: Ian Achimore, Senior Watershed Manager **September 5, 2023**

FINANCE: _____
Karen Williams, Deputy GM/CFO Date

FINANCING SOURCE: Acct. Coding: 374BASIN-60121-01
Acct. Description: Consulting – General

COMMITTEE AUTHORIZATION REQUIRED FOR THIS TASK ORDER: YES (X) NO ()
Authorization: September 5, 2023; CM#2023.51

This Task Order is issued upon approval and acceptance by the Santa Ana Watershed Project Authority (SAWPA) and CWE (Consultant) pursuant to the General Services Agreement between SAWPA and Consultant, entered into on September 5, 2023, expiring December 31, 2027.

I. PROJECT NAME OR DESCRIPTION

Basin Monitoring Program Task Force Santa Ana River Surface Water Quality Monitoring

II. SCOPE OF WORK / TASKS TO BE PERFORMED

Consultant shall provide all labor, materials, and equipment for the Basin Monitoring Program Task Force Santa Ana River Surface Water Quality Monitoring as thoroughly described in the attached scope of work.

III. PERFORMANCE TIME FRAME

Consultant shall begin work September 5, 2023, and shall complete performance of such services by **February 15, 2027**.

IV. SAWPA LIAISON

Ian Achimore shall serve as liaison between SAWPA and Consultant.

V. COMPENSATION

For all services rendered by Consultant pursuant to this Task Order, Consultant shall receive a total not-to-exceed sum of **\$93,711.00**. Payment for such services shall be made monthly upon receipt of timely and proper invoices from Consultant, as required by the above-mentioned Agreement. Each such invoice shall be provided to SAWPA by Consultant within 15 days after the end of the month in which the services were performed.

SCOPE OF WORK SUMMARY

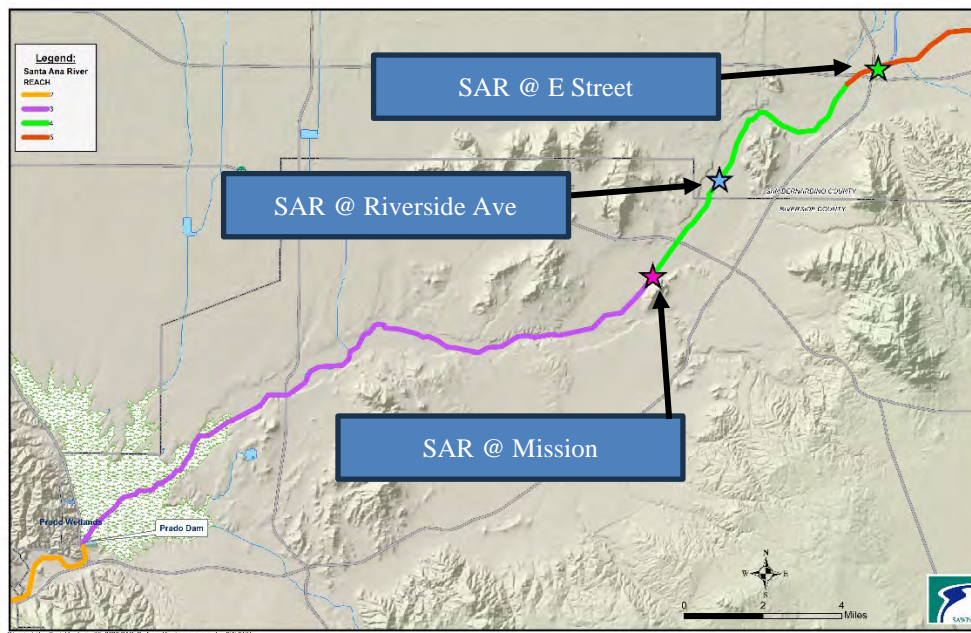
The monitoring services will generally include the following items -

- 1) Assisting SAWPA with executing access agreements with property owners, and/or related parties, when necessary,
- 2) Ensuring proper workflow for field sampling, lab testing, and reporting is established in advance of monitoring,
- 3) Identifying and contracting with a lab and other potential subcontractors,
- 4) Developing a quality assurance project plan (QAPP) for the monitoring associated with the scope,
- 1) Conducting quarterly monitoring at various sites along the Santa Ana River and documenting results by implementing the QAPP, and
- 2) Upload data collected to the State data portal - California Environmental Data Exchange Network.

These efforts include interaction with, but not limited to, SAWPA staff, members of the Basin Monitoring Task Force, and consultants contracted to the Basin Monitoring Task Force including Regulatory Strategy Consultant Theresa “Tess” Dunham of Kahn, Soares & Conway, LLP. Work will be directed by SAWPA staff.

The general location of the monitoring locations are shown in Figure 1 below and described in Table 1.

Figure 1: General Location of Monitoring Sites



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DETAILED SCOPE OF WORK

The consultant will perform the following scope of work.

Task 1 – Gaining Property Access for Monitoring

Consultant and SAWPA may need to acquire access to parcels owned by third-parties. The consultant's work will include meeting with third-party owners to describe water quality monitoring efforts, providing materials to educate third-party owners, visiting sites to meet with third party owners, and review of any possible third-party conditions for access. Agreements and edits shall be coordinated by SAWPA staff. Agreements will be executed between SAWPA and third-party owners as the Task Force's water quality monitoring will proceed for the foreseeable future.

Task 2 – Establishing Workflow for Monitoring

Consultant will develop all items related to the monitoring program, including establishing partnerships with laboratories (i.e. subcontractor laboratories) to ensure proper analysis of the monitoring described in Task 4. These laboratories will have the capabilities to meet the requirements of the Quality Assurance Project Plan as described in Task 3 and must be an Environmental Laboratory Accreditation Program (ELAP) certified laboratories for the constituents being analyzed. If sample couriers are to be used for sample delivery, the Consultant will coordinate courier scheduling and other related items, prior to the implementation of the monitoring described in Task 4. The workflow established shall ensure the laboratory results will be provided to SAWPA four to six weeks after the field sample is collected.

Task 3 – Developing Quality Assurance Project Plan

Consultant will prepare a quality assurance project plan (QAPP) to define quality assurance/quality control (QA/QC) criteria and protocols. The draft of the QAPP will be due to SAWPA by close of business (COB) December 1 2023. The final QAPP reflecting comments from the Task Force and SAWPA will be due COB December 28, 2023. The QAPP should contain the following at a minimum:

- a) Triggers for resampling (to be determined by the Task Force during Consultants development of the QAPP),
- b) Sample timing criteria (*see Task 4 below for further information*),
- c) Objectives of the study, project, or monitoring program,
- d) Descriptions of monitoring locations,
- e) Monitoring schedule and frequency,
- f) Methods used for sample collection and handling,
- g) Field and laboratory measurement and analysis,
- h) Data management, review and validation, and recordkeeping,
- i) Quality assurance and quality control requirements,
- j) A statement certifying the adequacy of the QAPP plus name of person certifying the document, and
- k) Dates for which the QAPP is applicable.

As part of the QAPP development, the Consultant shall do a crosswalk between the existing parameters collected in Reaches 2, 3, 4 and 5 of the Santa Ana River by the U.S. Geological Survey (USGS) and Orange County Water District (OCWD) vs. the new monitoring collected as

part of this scope of work. The crosswalk is needed to ensure that the sampling methods and lab-based analysis is compatible between the USGS, OCWD and new monitoring included in this scope of work. This will require analyzing OCWD’s QAPP Equivalent document and the USGS monitoring methods and parameters list.

The data monitoring points for Santa Ana River water quality data collected by OCWD is included in Table 2.1 of the 2021 Annual Report of Santa Ana River Water Quality (2021 Report). The data monitoring points for Santa Ana River water quality data collected by USGS is shown in Table 2.2 of the 2021 Report. The 2021 Report is linked here – <https://sawpa.org/wp-content/uploads/2022/09/Final-2021-Annual-Rpt-of-SAR-Water-Quality.pdf>

The complete set of 2021 water quality data from OCWD, and flow and water quality data available from USGS is included via the following link - <https://sawpa.org/task-force/basin-monitoring-program-taskforce/#resources> (see “Santa Ana River Water Quality Reports” on the “Resources” tab.

Task 4 – Quarterly Monitoring and Implementing QAPP

Consultant will quarterly monitor for the following parameters (shown in Table 2) at the following locations (in Table 1). The exact timeframe within each quarter will be determined by the creation of “sample timing criteria” that SAWPA, Task Force and the Consultant will develop during when the QAPP is developed as described in Task 3. This sample timing criteria could be related to baseflow conditions or be linked to the occurrence of storm events, or other conditions.

Table 1: Monitoring Scope and Locations

Reach	Basin Plan Water Quality Objectives	Monitoring Site (Santa Ana River – SAR)	Method/Timing of Samples
5	TDS = 300 mg/L TIN = 5 mg/L	SAR @ E Street*	Grab samples/ Quarterly
4	TDS = 550 mg/L TIN = 10 mg/L	SAR @ Riverside Ave SAR @ Mission	

*The E Street crossing of the Santa Ana River in Reach 5 does not have surface water to sample except during large rain events. The Consultant will ensure that the channel in that location has adequate water present before attempting a sample at that monitoring site. The Consultant is able to analyze [U.S. Geological Survey \(USGS\) streamgages](#) (both near, upstream and downstream of the site including the streamgaging sites shown in Table 2.2 of the 2021 Report) and local precipitation data to determine if the rain event will produce enough precipitation to water the channel at the site. This analysis is important as the Consultant will not be reimbursed by SAWPA for a dry-condition sample. The two monitoring sites within Reach 4 have perennially flowing water in the low-flow channel of the Santa Ana River bottom primarily due to upstream discharges from several POTWs.

Consultant will ensure safety of sampling personnel and field conditions for quality samples.

Table 2: Parameters to Be Sampled

Total Dissolved Solids (TDS)	Ammonia as Nitrogen	Nitrite as Nitrogen
Electrical Conductivity (Specific Conductance)	Nitrate as Nitrogen	Total Inorganic Nitrogen (TIN), Calculated

Consultant will utilize data collected, and implement the QAPP accordingly, including receiving data results from laboratories and verify completeness of results and conduct QA/QC checking of laboratory results. Consultant will coordinate with SAWPA on data anomalies. The laboratory results will be provided to SAWPA four to six weeks after the field sample is collected.

Task 5: Upload Data to CEDEN

At least annually, the Consultant will upload data to the California Environmental Data Exchange Network (CEDEN). Each time the data is uploaded, the consultant will provide proof of upload, as well as the completed data templates used to upload the data, preferably in Microsoft Excel. SAWPA shall review data templates before they are uploaded.

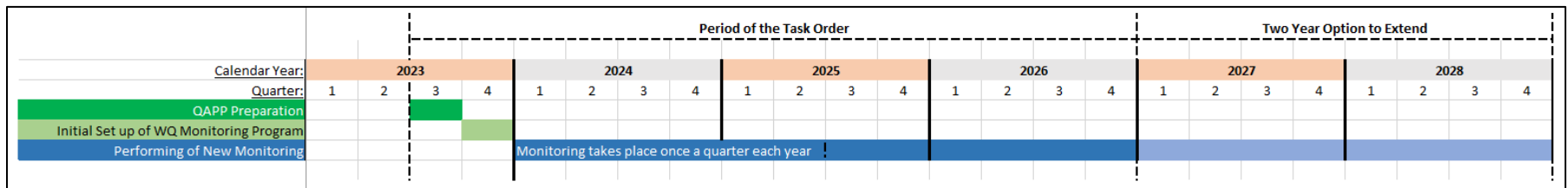
Consultant will also perform CEDEN database queries (and other related data queries) and provide extract tables, preferably in Microsoft Excel, upon request of the SAWPA.

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SCHEDULE

The QAPP and set up of the monitoring will need to be completed by the end of calendar year 2023 in order to begin the surface water quality field sampling in the first quarter of 2024. The monitoring by the Consultant will take place once a quarter from 2024Q1 to 2026Q4 per the schedule in Figure 2. The Consultant will have the option to extend the monitoring through a Change Order if requested/approved by SAWPA. This possibly amended Change Order would cover the period of 2027Q1 to 2028Q4.

Figure 1: High-Level Scope of Work Schedule



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BUDGET

Task No.	Task Name	Total Budget	CWE Hours	CWE Costs	Subcontractor Costs
1	Gaining Property Access for Monitoring	\$3,650	20	\$3,650	NA
2	Establishing Workflow for Monitoring	\$2,594	9	\$2,594	NA
3	Developing Quality Assurance Project Plan	\$19,896	102	\$19,896	NA
4	Quarterly Monitoring and Implementing QAPP	\$53,789	243	\$48,107	\$5,682
5	Upload Data to CEDEN	\$13,782	75	\$13,782	NA
Totals		\$93,711	449	\$88,029	\$5,682

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CWE

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August 1, 2023

Santa Ana Watershed Project Authority
11615 Sterling Avenue
Riverside, California 92503

**Cover Letter
Proposal to Provide Santa Ana River Surface Water Quality Monitoring Services**

To Whom It May Concern,

CWE is a consistent leader in water quality monitoring for Southern California clients. With over 14,000 wet- and dry-weather samples collected, our dedication to managing our clients' water resources needs is backed by our experts with years of experience in hydrology, hydraulic analysis and design, and river restoration. The Santa Ana Watershed Project Authority's (SAWPA's) water quality monitoring needs will be CWE's priority, as our esteemed staff will complete the monitoring work as efficiently as possible to further SAWPA's goal of sustainably safeguarding the Santa Ana River Watershed.

CWE's water resources services are well-equipped to ensure compliance with surface water and groundwater quality regulations regarding total dissolved solids (TDS) and total inorganic nitrogen (TIN). We have completed 45 Monitoring Plans (MPs) and 13 Quality Assurance Project Plans (QAPPs) where credible data was collected and delivered to clients in a timely manner while maintaining regulatory compliance. Our task leads, Nan Jia, PE, QSD/P and Gerald Greene, DEnv, PE, QEP, QSD/P, are accomplished and seasoned at collecting and processing water samples for tests of bacteria, metals, pesticides, and turbidity. Moreover, we have conducted water quality monitoring for SAWPA in past projects including the Bacteria Total Maximum Daily Load (TMDL) Monitoring and Homelessness Impacts Assessment respectively. We also have ample public agency experience in the vicinity of SAWPA, with Orange County Public Works (OCPW), California Department of Transportation District 7 (Caltrans), and the Cities of Los Angeles, La Habra, Glendora, and Gardena as regular clients. Our procedures are streamlined for water quality, water chemistry and hydromodification monitoring, and we are eager to continue our commitment of **Creating a Better Tomorrow, Today™** with SAWPA.

If you have any questions or require additional information, please contact me at our office located at the address on this letterhead, via phone at (714) 262-0180, or by email at vbapna@cwecorp.com.

Respectfully submitted,
CWE

Vik Bapna, PE, ENV SP, CPSWQ, QSD/P
Principal



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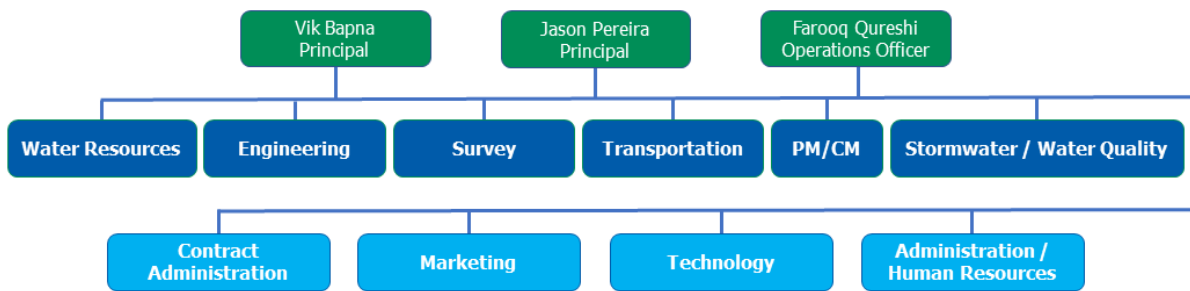


Executive Summary



Vik Bapna and Jason Pereira cofounded CWE in 2006 after working at Los Angeles County Public Works (LACPW) Flood Control District (LACFCD) for approximately 15 years. In their dealings with stormwater and watershed management consultants, a gap in the market for innovative and sound solutions to public agencies became apparent. Their mission since CWE's founding has been to provide Southern California government agencies and local communities with the best solutions for water quality enhancement. After relocating the firm's headquarters from Anaheim to Fullerton, we significantly expanded our services from

stormwater and watershed management to include civil engineering and design, water resources, surveying, transportation planning, environmental engineering, and project/construction management.



CWE
By the Numbers

- 2006 CWE Founded
- 14,000+ Wet and Dry Samples
- 45 Monitoring Plans
- 13 QAPPs
- <40 Miles from Reach 4
- <45 Miles from Reach 5

With 52 total employees and three office locations in Fullerton, San Diego, and Roseville, our trusted and distinguished services have consistently delivered on our promise of **Creating a Better Tomorrow, Today™** having served over 250 public municipalities, utilities companies, private businesses, and federal agencies. Our renowned industry leaders cultivate the engineering protégés and environmental stewards of tomorrow to deliver forward thinking-results and enhance the communities we live, work, and play in. This is the CWE standard.



CWE's stormwater expertise is built on decades of experience providing practical solutions to municipal, industrial, and development clients. We emphasize conceptualization and implementation of unique and advanced multipurpose project alternatives to satisfy our clients' needs and become a nationally recognized stormwater and watershed management firm in the process. Our expertise in the planning, permitting, and implementation of water projects will facilitate the protection of the Santa Ana River Basin to maximize its utility within the watershed in an economically and environmentally friendly manner.

CWE is a certified Small Business Enterprise (SBE) and Minority Business Enterprise (MBE) that is under 40 and 45 miles from Reaches 4 and 5

respectively. This proximity enables easy access to project sites to ensure efficient coordination and timely execution of tasks in the Reaches. We will mobilize resources quickly, respond promptly to SAWPA needs, and facilitate effective collaboration with local stakeholders involved in the management of the Santa Ana River Reaches.





Description of the Qualifications

Since 2006, CWE has been performing water quality monitoring for Southern California government organizations and private clients alike. We conduct complex studies encompassing hydrologic, hydraulic, flood control, water quality, sediment transport, stream restoration, and coastal analysis services for municipalities as well as local, state, and federal government agencies.

Qualifications and Experience (Firm and Personnel)

CWE's experience as a firm extends beyond the 17 years we've been operational due to our Principals' lengthy prior experience performing and managing sampling and monitoring activities for the LACPW and LACFCD. As a California-based firm, CWE is extremely knowledgeable of the regulatory and political atmosphere surrounding stormwater quality issues, and we pride ourselves on being at the forefront of innovative solutions to provide top-notch water quality monitoring services. Our team of highly qualified stormwater professionals are prepared to meet all surface water quality monitoring needs, including gaining property access and establishing a workflow for the monitoring program, developing and implementing a Quality Assurance Project Plan (QAPP), and uploading data to the California Environmental Data Exchange Network (CEDEN).

Relevant Projects

CWE's team of distinguished experts have a thorough understanding of sampling and monitoring protocols through their provision of monitoring services for watershed groups such as Santa Ana Watershed Project Authority (SAWPA), the Gateway Watershed Management Authority (GWMA), Los Angeles River Upper Reach 2 Watershed Management Area (LAR UR2 WMA), Rio Hondo/San Gabriel River Water Quality Group (RH/SGRWQG), and San Bernardino County Mojave River Watershed Group (MRWG). We have also conducted monitoring services for municipal clients such as the Cities of Los Angeles, Santa Monica, Culver City, Arcadia; Los Angeles, San Bernardino, and Riverside Counties; as well as federal clients like the US Army Corps of Engineers (USACE) and US Fish and Wildlife Service (USFWS). **Our full client list is extensive, and we will rapidly furnish it upon request, but at this time, we affirm we are not servicing clients that could negatively impact SAWPA.**

Examples of CWE's recent experience in water quality monitoring are listed below.

SAWPA Bacteria Water Quality Monitoring

CWE has implemented the Santa Ana River Watershed Bacteria Monitoring Plan and QAPP since its approval in March of 2016. The program spans the entire Santa Ana River Watershed, including the southwestern part of San Bernardino County, northwestern part of Riverside County, and a small portion of Los Angeles County. Tasks included: calibrating and maintaining field meters; preparing Chain of Custody (CoC) forms; obtaining and labeling sample containers; decontaminating sample collection materials using the disinfection/rinse method; collecting grab samples at various creeks, rivers, and channels during dry- and wet-weather events; making field observations, photo documentation, and recording observational data; operating field meters for measuring field parameters for temperature, dissolved oxygen, conductivity, turbidity, and pH; and delivering the samples under CoC to the laboratory within limited sample hold times.



SAWPA Homelessness Impacts Assessment

CWE completed a preliminary monitoring plan to assess potential impacts on water quality from the presence of homeless encampments in the Upper Santa Ana River Watershed. The monitoring plan focused on the mainstem Santa Ana River in Reaches 3 and 4 to quantify homelessness impacts on water quality as per California State Water Resources Control Board (SWRCB) protocols. CWE identified the best encampment locations to monitor based on a historical review, researched the best



available methods to quantify homelessness impacts on water quality, developed conceptual figures showing monitoring procedures, and determined the necessary field and analytical methods to evaluate the relationship between homelessness, water quality, and riparian and aquatic habitats. SAWPA was able to analyze collected data points and trends to make critical decisions and prioritize resources to reduce and/or eliminate the most significant contributors to water quality and habitat degradation.

Los Angeles County Public Works Mass Emissions Station (MES) Monitoring Program



CWE assisted LACFCD in furnishing MES Monitoring Program implementation services, with the work consisting of sampling preparation, pre-storm season equipment blank sampling, storm tracking and sampling team coordination, wet-weather sampling, dry-weather sampling, data analysis, and semi-annual data reporting for one year. Project management coordination and meetings were conducted to ensure the project was completed on time and within budget. Laboratories including Aquatic Bioassay and Consulting Laboratories (ABC), Enthalpy Analytical, and Eurofins Calscience helped finish the project with data being organized in California Environmental Data Exchange Network (CEDEN) format.

Rio Hondo/San Gabriel River Water Quality Group Coordinated Integrated Monitoring Program (CIMP) Implementation

CWE implemented a CIMP for the RH/SGRWQG, comprised of the County of Los Angeles, LACFCD, and the Cities of Arcadia, Azusa, Bradbury, Duarte, Monrovia, and Sierra Madre. The CIMP incorporated monitoring and reporting requirements from the 2012 Los Angeles County Municipal Separate Storm Sewer System (MS4) Permit and multiple Total Maximum Daily Loads (TMDLs). Project tasks included stormwater outfall monitoring, pre-load reduction strategy (LRS) monitoring, and non-stormwater outfall monitoring for San Gabriel tributaries, with the deliverables ranging from sample deliveries to laboratories and event forecast summaries to an updated Geographic Information System (GIS) database of the San Gabriel River MS4 Outfalls.



Los Angeles River Upper Reach 2 Watershed Management Area CIMP Implementation

CWE provided LAR UR2 WMA with MS4 National Pollutant Discharge Elimination System (NPDES) Permit CIMP implementation services. Services provided include QAPP preparation, USACE, LACFCD, and municipal Access and Encroachment Permit procurement, receiving and stormwater outfall water quality monitoring, GIS-based outfall inventory preparation, and non-stormwater discharge outfall screening. Ongoing services include project management, meeting coordination, weather tracking, monitoring event coordination, water quality sample collection from two fixed and six rotating stormwater outfall sites for two dry events and three storm events per year, preparing field logs and site assessment photos, laboratory coordination and Quality Assurance/Quality Control (QA/QC), data management, semi-annual data reporting in CEDEN format, and draft and final MS4 Permit consolidated annual report preparation.



Mojave River Watershed Group Management Monitoring Program



CWE continues to assist the MRWG, which consists of the County of San Bernardino, Town of Apple Valley, and Cities of Hesperia and Victorville, by providing On-Call Stormwater Management Program Implementation and Regulatory Assistance to comply with the Phase II Small MS4 General Permit. Multiple task orders were completed to perform comprehensive Program Effectiveness Assessments including: six Unified Annual Reports documenting implementation of the watershed’s Stormwater Management Programs; research on existing stormwater ordinances and land development codes to develop a Model Stormwater Ordinance that addressed the General Permit and anticipated Low Impact Development (LID) provisions; a revision of the existing Stormwater Management Program; reports and plans to meet permit requirements; stormwater program implementation; technical and regulatory support, and program budgets for implementation of the recently adopted Phase II Small MS4 General Permit.

Resumes

To satisfy our client’s needs and exceed their expectations for water quality monitoring services, CWE trains its personnel annually in surface, groundwater, and stormwater quality monitoring Standard Operating Procedures (SOPs) including: Chain of Custody (CoC) protocols, field data log completion, water and sediment sampling techniques, operation and appropriate use of field water quality measurement instruments, and sample container labeling and handling. Several staff also hold State Department of Public Health (DPH) potable water sample collection training certifications that include sterile techniques and procedures; method specific sample container and preservative selection; and field equipment decontamination (sterilization) procedures. These specific skill sets will strongly benefit SAWPA not only for the services established in the Scope of Work, but for unexpected, yet necessary services SAWPA might need in the future – all without any additional training.



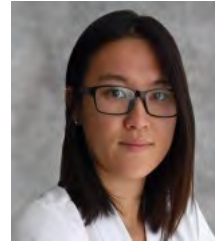
An organization chart illustrating the chain of command between SAWPA, our Project Manager, and our technical support are provided above. Full resumes of our personnel are provided on the following pages.



Nan Jia

PE, QSD/P
 Project Manager

Nan has six years of experience in water quality monitoring, water quality data analysis, database management, and technical report writing. Her duties have ranged from preparing compliance documents like Stormwater Pollution Prevention Plans (SWPPPs), Exceedance Response Action Plans, and MS4 Program Effectiveness Assessment Annual Reports to assisting municipalities on developing inspection programs and conducting over 600 I/C inspections. Other duties that she is well-versed in include preparing water quality monitoring data into CEDEN format, leading water quality studies such as pollutant load analysis for runoff diversion projects and Best Management Practice (BMP) effectiveness for green streets projects, performing water sampling for various watershed groups and construction projects, conducting Construction General Permit (CGP) inspections for linear projects under the supervision of a QSP, compiling and reviewing data on Stormwater Multiple Application and Report Tracking System (SMARTS), and using Excel to conduct statistical analysis.



Years of Experience
 6

Education
 MS, Civil and Environmental Engineering,
 University of California, Irvine
 BS, Environmental Sciences,
 University of Minnesota, Twin Cities

Registrations
 Civil Engineer, CA, 92333
 Qualified SWPPP Developer/
 Practitioner, 27876

RELEVANT EXPERIENCE

LA County Mass Emissions Station (MES) Monitoring Project Manager assisting LACPW and LACFCD with as-needed water quality monitoring and reporting services since the 2020-2021 fiscal year, as well as identifying potential grant funding opportunities and preparing grant applications. The MES Monitoring Program Implementation under this contract included sampling preparation, pre-storm season equipment blank sampling, storm tracking and sampling team coordination, wet- and dry-weather sampling, data analysis, and semi-annual data reporting. In accordance with National Pollutant Discharge Elimination System (NPDES) MS4 Permit Order No. R4-2012-0175, the receiving water monitoring program determined whether Receiving Water Limitations (RWLs) are being achieved, assessed trends in pollutant concentrations over time or during specified conditions, and determined whether the designated beneficial uses are fully supposed as determined by water chemistry, aquatic toxicity, and bioassessment monitoring. After the initial sampling efforts, follow-up monitoring events were conducted to further assist with the source investigation effort. An analysis of the results was then reported in CEDEN format. Sampling sites included the County Island Outfall Site, Coyote Creek, Los Angeles River, Malibu Creek, San Gabriel River, and Santa Clara River Mass Emissions Station. CWE is currently developing a training video for LACPW on general water quality monitoring and monitoring equipment maintenance, including in-situ water quality meter, automated samplers with refrigerator unit, telemetry, rain gauges, and more.

SAWPA Bacteria TMDL Monitoring Program Implementation Monitoring support who performed water quality monitoring services to assist SAWPA with Bacteria TMDL compliance through implementing the Santa Ana River Watershed Bacteria Monitoring Plan and QAPP. The program covers the entire Santa Ana River Watershed, including the southwestern part of San Bernardino County, northwestern part of Riverside County, and a small portion of Los Angeles County. Tasks included: calibrating and maintaining field meters; preparing CoC forms; obtaining and labeling sample containers; decontaminating sample collection materials using the disinfection/rinse method; collecting grab samples at various creeks, rivers, and channels during dry- and wet-weather events; making field observations, photo documentation, and recording observational data; operating field meters for measuring field parameters for temperature, dissolved oxygen, conductivity, turbidity, and pH; and delivering the samples under CoC to the laboratory within limited sample hold times.

Rio Hondo San Gabriel River Water Quality Group CIMP Assistant Project Manager for Rio Hondo/San Gabriel River Water Quality Group CIMP implementation services. This group is comprised of the cities of Arcadia, Bradbury, Duarte, Monrovia, and Sierra Madre; County of Los Angeles; and LACFCD. Services included preparing a project-specific High Altitude Sampling Program (HASP), obtaining access permits from the LACFCD, conducting Rio Hondo Pre-LRS monitoring, Geographic Information System (GIS) outfall inventory, and non-stormwater outfall screening and monitoring. Ongoing services include meeting coordination; weather tracking; dry- and wet-weather water quality monitoring at five receiving water sites such as Peck Road Park Lake and five stormwater outfall sites; preparing field logs and site assessment photos; laboratory coordination; QA/QC of results; data management and report preparation; semi-annual data submission in CEDEN format; and draft and final consolidated annual report preparation.





Orange County Public Works Los Patrones Monitoring Project Manager for a wet weather monitoring program at Los Patrones Parkway following the construction of their basins. Water quality and flow monitoring was completed at the inflow and outflow stations of basins C, F and G to determine the concentration and mass-based pollutant removal efficiencies for each monitored constituent. A maximum of two wet-weather storm events were sampled each year, and an annual report was created that identified the effectiveness of the total suspended solids (TSS) removal as well as the water quality constituents with sediment. Tasks managed include assistance with QAPP development and sampling.

City of Irwindale NPDES Project Manager who helped revise the existing Integrated Management Plan (IMP) to be consistent with the 2021 MS4 Permit requirements. The proposed updates included developing ArcGIS based maps delineating the City boundary, receiving waters, MS4 catchment drainage and outfalls, subwatershed boundaries, land use, and monitoring locations. Other updates encompassed reevaluating current receiving water and stormwater outfall monitoring locations, proposing new monitoring location(s) (if necessary), and explaining how and why monitoring at the proposed location(s) will provide representative measurement of the MS4 discharges' effects on the receiving water. Responsible for identifying constituents and monitoring frequency at each monitoring location based on TMDL and 303 (d) requirements as well as updating the sampling protocol and suspended sediment and toxicity sampling requirements. These protocols and requirements included QA/QC protocols and the non-stormwater outfall monitoring program.



Gerald Greene

DEnv, PE, QEP, QSD/P

Technical Advisor

Dr. Gerald "Gerry" Greene has provided comprehensive water quality services to Southern California public agencies for 31 years. His experience includes the development of monitoring plans, conducting water quality sampling, providing water quality monitoring plan reviews, performing feasibility studies, assisting agencies with environmental compliance and permitting, and designing landmark urban runoff treatment facilities. Gerry is also a seasoned biologist with three decades of experience. His impressive background in wildlife biology and habitat restoration ensures his water quality projects are constructed and implemented in a sustainable manner that enhances the local environment. His expansive knowledge of local, societal, and physical conditions adds a valuable dimension to the assistance he provides to Orange County clients.

RELEVANT EXPERIENCE

Rio Hondo San Gabriel River Water Quality Group Coordinated Integrated Monitoring Program Implementation

Project Manager providing the Rio Hondo/San Gabriel River Water Quality Group with Coordinated Integrated Monitoring Program (CIMP) implementation services. This group is comprised of the Cities of Arcadia, Azusa, Bradbury, Duarte, Monrovia, and Sierra Madre, County of Los Angeles, and Los Angeles County Flood Control District (LACFCD). Services provided include preparing a project-specific Health and Safety Plan; recommending, specifying, and procuring/leasing monitoring equipment; obtaining permits from the LACFCD; installing receiving water, Total Maximum Daily Load (TMDL), and stormwater outfall sampling stations; and conducting Rio Hondo Pre-Load Reduction Strategy (LRS) monitoring, Geographic Information System (GIS) outfall inventory, and non-stormwater outfall screening and monitoring. Ongoing services include: project management, coordination and meetings, pre-sampling event preparation, tracking inclement weather and activating sampling teams, collecting and analyzing dry- and wet-weather samples from five receiving water and TMDL sites (including Peck Road Park Lake and five stormwater outfall sites), preparing field logs and site assessment photos, coordination with multiple laboratories and Quality Assurance/Quality Control (QA/QC) of water quality results, data management and report preparation, semi-annual data reporting, water quality data submission in CEDEN format, and draft and final annual report preparation.

City of Los Angeles Proposition O BMP Optimization Water Quality Monitoring Project Manager responsible for coordinating eight wet-weather and seven dry-weather monitoring events, over three years, at up to thirty-five sites spread among 11 Proposition O Best Management Practice (BMP) project locations that included: Echo Park Lake, Grand Boulevard Tree Wells, Hansen Dam Wetlands Restoration, Imperial Highway Sunken Median, Mar Vista Recreation Center, Oros Green Street, Peck Park Canyon Enhancement, Penmar Water Quality Improvement, South LA Wetlands, Westminster Dog Park, and Westside Park Irrigation.. Tasks managed include development of a Monitoring Plan and QAPP, weather forecasting and tracking, coordination of sampling events with the City of Los Angeles' Environmental Monitoring Database (EMD), sample bottle preparation, field analytical analysis, field observation logging, collection and delivery of samples, data processing and analysis, and event summary technical memorandums. Various sites provide safety challenges, including lakes, median strips, underground vaults, and vehicle traffic. Monitoring included analysis of constituents such as nutrients, metals, algae, bacteria, and pesticides. Results were analyzed in comparison with applicable limitations due to TMDLs, California Toxics Rule (CTR), the basin plan, and MS4 permit requirements. Results also helped assess BMP functionality and effectiveness in order to make recommendations and coordinate with the City and other consultants to identify program challenges and accomplishments.



Years of Experience

31

Education

DEnv, Environmental Science and Engineering, University of California, Los Angeles

MS, Biology, California State University, Long Beach

BA, Biology and Economics, University of California, Los Angeles

Registrations

Civil Engineer, CA, 55597

Qualified Environmental Professional, 11960237

Qualified SWPPP Developer/Practitioner, 00176

Awards and Recognition

Storm Water Solutions magazine, "Industry Icon", 2015



Caltrans District 7 Water Sampling in Los Angeles and Ventura Counties Project Manager for water sampling services provided to the California Department of Transportation (Caltrans). Tasks managed include establishing effluent sampling stations for a total of 10 sampling sites, identifying and implementing sampling stations, collecting influent and effluent samples, collecting water and wastewater samples and sending them to the laboratory for pollutant analysis, following appropriate chain-of-custody procedures, and preparing monitoring reports. This project included a dewatering system.

City of Gardena MS4 Permit Monitoring Program Services Project Manager for water and suspended sediment quality monitoring at the three sites in addition to permitting, interagency negotiations, dry-weather monitoring, outfall inventory, non-stormwater discharge assessment, annual reporting, hundreds of MS4 I/C inspections, scores of Industrial General Permit (IGP) Non-filer referrals, and submission of a State Trash Policy Implementation Plan to the Los Angeles RWQCB.

City of Azusa Monitoring Plan Development Project Lead for a MS4 NPDES Permit Monitoring Plan to comply with MS4 NPDES Permit and regional Water Quality Objectives (WQOs) in a cost-effective manner. The immediate focus was on metals and then indicator bacteria, while trash was monitored through the installation of Full Capture System (FCS) devices like Connector Pipe Screens (CPS), that would be undertaken through a separate, catch basin inventory based, tracking database effort. The Monitoring Program Plan was modelled after the original RHSGR CIMP Plan while monitoring "baseline" water quality compliance. This is because existing water quality data for metals in the Little Dalton Wash has been compliant, while meeting indicator bacteria WQOs has proven difficult for most as the water generally infiltrates when it reaches the downstream recreational receiving water.



Jason Pereira

PE, CPSWQ, QSD/P, QISP, CGP/IGP-ToR
 Principal

Jason Pereira is a founding Principal of CWE with 27 years of experience in developing and implementing stormwater management programs for compliance with NPDES Permit requirements and has prepared numerous documents for the implementation of pollution prevention practices including Water Quality Management Plans (WQMPs), SWPPPs, Erosion Control Plans, Spill Prevention, Control, and Countermeasure (SPCC) Plans, and TMDL Implementation Plans. He has worked extensively on projects to obtain tangible, cost-effective improvements in water systems and urban runoff water quality through proactive initiatives in regulatory compliance. As a technical expert, Jason has presented numerous workshops on critical water-related issues at California Stormwater Quality Association (CASQA) Annual Conferences and other events.

RELEVANT EXPERIENCE

Rio Hondo San Gabriel River Water Quality Group Coordinated Integrated Monitoring Program Implementation

Principal-in-Charge for Rio Hondo/San Gabriel River Water Quality Group CIMP implementation services. This group is comprised of the cities of Arcadia, Bradbury, Duarte, Monrovia, and Sierra Madre; County of Los Angeles; and LACFCD. Services included preparing a project-specific HASP, obtaining access permits from the LACFCD, conducting Rio Hondo Pre-LRS monitoring, GIS outfall inventory, and non-stormwater outfall screening and monitoring. Ongoing services include: meeting coordination; weather tracking; dry- and wet-weather water quality monitoring at five receiving water sites, including Peck Road Park Lake and five stormwater outfall sites; preparing field logs and site assessment photos; laboratory coordination; QA/QC of results; data management and report preparation; semi-annual data submission in CEDEN format; and draft and final consolidated annual report preparation.

Los Angeles County Mass Emissions and Tributary Station Water Quality Monitoring Project Manager for providing mass emissions and tributary monitoring at eight stations, along with preparing the draft Annual Monitoring Report for the LACFCD. Storm event water quality samples were collected from improved and natural conveyances, using both grab and autosampler methods for over 1,140 square miles of tributary watershed area. Tasks managed included: SOP development, Operations and Maintenance (O&M) of water quality sampling equipment; inclement weather forecasting and tracking; client, consultant, shift change, and laboratory coordination; preparing and mobilizing two-person sampling crews; collecting grab and composite water quality samples under inclement conditions; conducting field analytical analyses; delivering samples under chain-of-custody to designated laboratories; and preparing stormwater event field logs and monitoring reports.

SAWPA Homelessness Preparation of Monitoring Plan and QAPP Project Manager for the development of a preliminary monitoring plan to assess potential impacts to water quality, riparian areas, and aquatic habitats from the presence of homeless encampments in the Upper Santa Ana River Watershed. While homeless encampments have the potential to impact water quality in several ways, including through trash and wildfires, data that directly links homeless encampments to water quality impairment is limited. The monitoring plan was prepared in alignment with California State Water Resource Control Board protocols to quantify homelessness impacts on water quality. Jason presented the preliminary monitoring plan and approach to the SAWPA Commission and Middle Santa Ana River TMDL Task Force. Through the future implementation of this monitoring program, SAWPA and watershed stakeholders will be able to analyze collected data points and trends to make critical decisions and prioritize resources to reduce and/or eliminate the most significant contributors to water quality and habitat degradation.

Mojave River Water Group Monitoring Plan and Implementation Project Manager assisting the County of San Bernardino, Town of Apple Valley, and Cities of Hesperia and Victorville with implementing the RWMP Plan as required by



Years of Experience
 27

Education

BS, Civil Engineering, University of California, Los Angeles

Registrations

Civil Engineer, CA, 61509

Certified Professional in Storm Water Quality, 527

Qualified SWPPP Developer/
 Practitioner, 21

Qualified Industrial Stormwater
 Practitioner, 090

Industrial General Permit Trainer of
 Record, 090

Construction General Permit
 Trainer of Record

Awards and Recognition

Storm Water Solutions magazine,
 "Industry Icon", 2015





the Phase II Small MS4 General Permit. The Receiving Water Monitoring Program (RWMP) was developed to evaluate the effects of new development on receiving water quality within the MRWG jurisdictional area and whether LID BMP efforts to control sources of pollution will help to maintain receiving water quality over time. A QAPP was developed to integrate the technical and quality aspects of the project to obtain reliable environmental data. Prior to annual monitoring, site access permits were obtained from the U.S. Army Corps of Engineers, City of Victorville, and San Bernardino County Flood Control District. The RWMP requirements include flow measurements, photo documentation, aquatic life physical habitat assessment and channel cross sections, temperature, bacteria, nutrients, bioassessment/benthic macroinvertebrate assessment, pyrethroids, and dissolved oxygen. Dry-weather monitoring was conducted at two locations, the Urban/Rural Interface (Upstream Location), MR-URI, and the Urban Downstream Location, MR-UD, for 14 consecutive days in the spring, summer, and fall. In addition to monitoring implementation, RWMP baseline reports were prepared after the first year of monitoring to assess trends and changes.

City of Carson Machado Lake and TMDL and Monitoring QAPP Project Manager for the development of a Nutrient TMDL Implementation Plan, Monitoring and Reporting Program (MRP) Plan, and QAPP for the City of Carson. The Implementation Plan outlined a strategy to address potential nutrient sources and included an iterative adaptive program to comply with the Machado Lake Nutrient TMDL requirements for nutrient load reduction. The MRP was developed to monitor and assess the water quality of discharges from the City's MS4, evaluate the effectiveness of TMDL implementation measures, and assess compliance with waste load allocations. A QAPP was developed to integrate the technical and quality aspects of the project in order to obtain reliable environmental data.

Ballona Creek Metals and Estuary Toxics TMDL Coordinated Monitoring Plan Technical Advisory Committee Member for the development of the Ballona Creek Metals and Estuary Toxics TMDL Coordinated Monitoring Plan. The plan was designed to measure compliance with the Waste Load Allocations (WLAs) of the Metals and Estuary Toxics TMDLs and to provide data supporting the re-evaluations of the TMDLs when they are reconsidered by the LARWQCB. Provided technical guidance on the selection of special studies for the evaluation of low detection level techniques to assess water quality concentrations.



Allen Xie

PE, QSD/P, QISP
Monitoring Support

Allen Xie has 14 years of experience in SWPPP development, inspections, monitoring, hydraulic analysis, and civil design. He has performed duties including developing SWPPPs for industrial and municipal facilities, conducting environmental monitoring for industrial facilities, conducting groundwater monitoring, performing hydraulic analysis, conducting site assessments, preparing PS&Es, conducting hydraulic studies, analyzing lab and field data to comply with regulatory permits, preparing traffic control studies, preparing and submitting compliance reports, and preparing seismic calculations for treatment structures. Allen has conducted inspections in remote locations for utility substations, landfills, and wastewater treatment plants to assess BMP implementation and effectiveness and good housekeeping measures.

RELEVANT EXPERIENCE

San Bernardino County NPDES Phase II MS4 Permit Mojave River Watershed Group Stormwater Program Professional Engineering and Regulatory Compliance Services

Senior Engineer assisting the County of San Bernardino, Town of Apple Valley, and Cities of Hesperia and Victorville with the preparation of four Unified Annual Reports documenting implementation of the watershed's Stormwater Management Programs and compliance with the Phase II Small MS4 General Permit. Addressed the General Permit requirements by developing a Model Stormwater Ordinance and incorporated new development and redevelopment provisions with LID strategies for the high desert region. Other on-call stormwater management services include program management, revision of the existing Stormwater Management Program, preparation of reports and plans to meet permit requirements, development and assistance with stormwater program implementation, research to proficiently respond to document reviews, technical and regulatory support, and performance of permit compliance related services as deemed necessary by the member agencies. Tasks performed include meeting preparation, reviewing monitoring plans, and conducting water quality monitoring and sampling.

Santa Ana Watershed Project Authority Middle Santa Ana River Bacteria TMDL Monitoring Program Implementation

Monitoring Support providing water quality services to assist SAWPA with Bacteria TMDL compliance through implementing the Santa Ana River Watershed Bacteria Monitoring Plan and QAPP. Tasks performed include calibrating and maintaining field meters; preparing CoC forms; obtaining and labeling sample containers; decontaminating sample collection materials using the disinfection/rinse method; collecting grab samples at various creeks, rivers, and channels during dry- and wet-weather events; field observations, photo documentation, and recording observational data; operating field meters for measuring field parameters for temperature, dissolved oxygen, conductivity, turbidity, and pH; and delivering samples under CoC to the laboratory within limited sample hold times.

City of Visalia Development and Implementation of Citywide Stormwater Management Plan

Senior Engineer for the preparation of a citywide Stormwater Management Plan as outlined by the SWRCB Phase II Small MS4 General Permit for stormwater discharges. Tasks performed include documenting implementation progress and program effectiveness, reviewing the enforcement response plan and educational materials, identifying Illicit Connection and Illicit Discharge (IC/ID) elimination methods, reviewing existing GIS data to be used in outfall mapping, and conducting pollution prevention and good housekeeping inspections.

City of Los Angeles San Fernando Valley Green Street Network Evaluation – Van Nuys Boulevard

Senior Engineer who completed sampling services as part of the Van Nuys Boulevard Green Street water quality monitoring plan development. Conducted wet-weather sampling and developed a wet-weather performance report for proposed LID strategies, and estimated the amount of runoff entering or bypassing the various BMPs using measured depths. Composite sampled loads were allocated to the total amount of runoff calculated at the various BMPs to determine the pollutant load retained by the various BMPs and the load that bypasses the BMPs.



Years of Experience

14

Education

MS, Civil Engineering, California State University, Fullerton

BS, Civil Engineering, California State Polytechnic University, Pomona

Registrations

Civil Engineer, CA, 85112

Qualified SWPPP Developer/
Practitioner, C85112/27157

Qualified Industrial Stormwater
Practitioner, PE85112





Alexa Reasoner

QSP, CESSWI

Monitoring Support

Alexa Reasoner is an environmental scientist with broad experience conducting research for environmental, aerial, and topographic reports; assisting on environmental planning projects; fire insurance map development; SWPPP development and reporting; inputting data into clients' desired databases; conducting field sampling; and completing chain-of-custody paperwork for sampling events. She recently received a GIS accreditation, making her well-equipped to handle data set collection and mapping responsibilities using existing software and applications.

RELEVANT EXPERIENCE

Los Angeles River Upper Reach 2 CIMP Implementation

Environmental Scientist providing sampling, draft and final annual report preparation, semi-annual CEDEN format data submission, and a SCWP annual plan as part of CIMP implementation services provided for the LAR UR2 WMA, through the GWMA. Services provided include preparing a project-specific HASP; QAPP preparation; obtaining access and encroachment permits from the USACE, LACFCD, and local municipalities; GIS outfall inventory; and non-stormwater discharge outfall screening. Additional services included meeting coordination, weather tracking, dry- and wet-weather water quality monitoring at two fixed and six rotating stormwater outfall sites, preparing field logs and site assessment photos, laboratory coordination, QA/QC of results, and data management.

City of La Habra Heights MS4 Permit Water Quality Monitoring Environmental Scientist providing dry- and wet-weather water quality monitoring, sample collection services, and data preparation in CEDEN format. Prepared sample containers and collection equipment; calibrated field parameter measurement instruments (YSI, ProDSS); interpreted weather forecasts; coordinated staff schedules; access difficult to reach monitoring locations during inclement conditions; photographically record observed field conditions; collected water quality samples, duplicates, and blanks; collected and verified field parameter measurements; completed water quality monitoring safety and field logs; and reviewed and interpreted analytical laboratory data reports.

Rio Hondo/San Gabriel River Water Quality Group CIMP Implementation Environmental Scientist providing sampling, draft and final annual report preparation, and semi-annual CEDEN format data submission. Services included preparing a project-specific HASP, obtaining access permits from the LACFCD, conducting Rio Hondo Pre-LRS monitoring, GIS outfall inventory, and non-stormwater outfall screening and monitoring. Additional ongoing services include: meeting coordination; weather tracking; dry- and wet-weather water quality monitoring at five receiving water sites, including Peck Road Park Lake and five stormwater outfall sites; preparing field logs and site assessment photos; laboratory coordination; QA/QC of results; and data management and report preparation.

SAWPA Homelessness Study Phase 1A Water Quality Monitoring and Trash Assessment

Environmental Scientist providing dry-weather event sampling and trash assessment. Tasks performed include leading the MRP and QAPP based on what was prepared for the previous Homeless Study, conducting two preliminary field visits and providing a draft technical memorandum to summarize findings, manage data, and deliver annual draft and final reports. In 2020, five reaches with homeless encampments were identified to provide the best available information about the homeless and their impact on water quality and riparian and aquatic habitats. The study found no evidence that homeless encampments caused increases in the concentration of microbial pollutants in receiving waters during dry weather conditions. Understanding regarding the direct impacts of homeless encampments on water quality as measured by bacterial indicators remains limited in the upper Santa Ana River watershed. While findings from the data collected by the Middle Santa Ana TMDL Task Force indicate the likelihood of in-river sources of E. coli, no conclusions can be drawn regarding impacts from homeless encampments on water quality. A Preliminary Monitoring Program was developed for future monitoring activity that included physical habitat assessments and bioassessments. Implementation of this monitoring program through this project will support SAWPA's efforts to develop a clearer understanding of the impacts of homeless encampments on water quality in the Santa Ana River region.



Years of Experience

6

Education

BS, Environmental Science and Policy, California State University, Long Beach

Registrations

Qualified SWPPP Practitioner, CA, 28177

Certified Erosion, Sediment, and Stormwater Inspector, 00007267

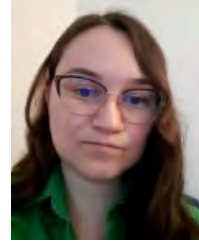




Xena Hourany

Monitoring Support

Xena's aptitude for environmental monitoring was honed in her experience working as a microbiologist for LA Testing, where she used swabs and air testing for environmental monitoring as well as detection and analysis of mold spores, water and sewage testing, QC of materials, buffer creation and acid solutions, and bacteria and mold culture maintenance. Her recent water quality monitoring experience at CWE is considerable, and her reliability, project timeline management, and attention to detail will be a boon to SAWPA's monitoring needs.



Years of Experience

1

Education

BS, Biological Sciences, University of California, Irvine,

RELEVANT EXPERIENCE

SAWPA Bacteria TMDL Monitoring Advisor providing monitoring to assist with Middle Santa Ana River Bacteria TMDL compliance through implementing the Santa Ana River Watershed Bacteria Monitoring Plan and QAPP. This included collecting grab samples during dry- and wet-weather events using a sampling pole and/or bucket with rope that was subsequently poured in a sample bottle provided by the laboratory. Once the sample was collected, field parameters were measured using a YSI or equivalent meter for temperature, dissolved oxygen, conductivity, turbidity, and pH.

Mojave River Water Group Water Monitoring Implementation Monitoring support assisting the County of San Bernardino, Town of Apple Valley, and Cities of Hesperia and Victorville, with the preparation of four Unified Annual Reports documenting implementation of the watershed's Stormwater Management Programs and compliance with the Phase II Small MS4 General Permit. Also facilitated development of a Model Stormwater Ordinance to address the General Permit requirements and incorporated new development and redevelopment provisions with LID strategies for the high desert region. Other on-call stormwater management services include program management, revision of the existing Stormwater Management Program, preparation of reports and plans to meet permit requirements, development and assistance with stormwater program implementation, research to proficiently respond to document reviews, technical and regulatory support, and performance of permit compliance related services as deemed necessary by the member agencies.

Irwindale Inspections Provided support for Integrated Monitoring Program (IMP) update to be consistent with the 2021 MS4 Permit requirements. The updates included: developing ArcGIS based maps delineating the City boundary, receiving waters, MS4 catchment drainage and outfalls, subwatershed boundaries, land use, and monitoring locations, reevaluating current receiving water and stormwater outfall monitoring locations to propose a new monitoring location if necessary, identifying constituents and monitoring frequency at each location based on TMDL and 303 (d) requirements, updating the sampling protocol as well as the suspended sediment and toxicity sampling requirements, implementing Quality Assurance/Quality Control (QA/QC) protocols, and updating the non-stormwater outfall monitoring program.

Water Replenishment District Site Design Provided support for alternative concept for the layout of the Water Replenishment District's (WRD) as well as a field review of the site and a survey including invert elevations of the existing drainage and sewer system. Pothole work was then conducted as a pothole exhibit was prepared for up to two sets of 10-potholes with a maximum depth of 10 feet and 20 feet respectively.

Rio Hondo San Gabriel River Water Quality Group Water Quality Monitoring Wrote the annual report and provided monitoring for the Rio Hondo/San Gabriel River Water Quality Group to facilitate the implementation of the Watershed Control Measures (WCM) identified in the revised Watershed Management Plan (rWMP) to meet water quality objective milestones. CWE completed water monitoring via sample collection of bacteria (E. coli) samples and wet-chemistry samples in accordance with the CIMP.



Alex Salas

Monitoring Support

Alex's research experience at California Polytechnic Institute University, Pomona as well as California State University, Fullerton demonstrates her technical expertise in analyzing and presenting data. She conducted research of photodegradation of sulfamethoxazole at acidic pH levels and analyzed data from high-performance liquid chromatography that she subsequently presented at a research symposium. In addition, her communication and organization skills that she exhibited working in retail carried over to her recent monitoring experience at CWE. Her meticulous approach to monitoring and consistency in meeting deadlines will be of great value to SAWPA.



Years of Experience

1

Education

BS, Mechanical Engineering
California State Polytechnic
University, Pomona

RELEVANT EXPERIENCE

Mojave River Water Group Water Monitoring Implementation

Monitoring lead assisting with the implementation of MRWG's RWMP Plan as required by the Phase II MS4 Permit. CWE coordinated with the United States Army Corps of Engineers and City of Victorville Community Services Department to conduct the receiving water monitoring. Project reporting consisted of compiling field photo logs, performing quality control on laboratory data received, entering analytical laboratory data into a consolidated spreadsheet, and retrieving US Geological Survey stream gage data.

SAWPA Bacteria TMDL Monitoring Field crew member to furnish water quality monitoring services for Middle Santa Ana River Bacteria TMDL compliance by implementing the Santa Ana River Watershed Bacteria Monitoring Plan and QAPP. Generated data and project documentation alongside contracted laboratories that included sample collection records (field logs and photographs), analytical records, (laboratory results and chain of custody (CoC) forms), and reports (laboratory results and QA/QC reports).

Rio Hondo San Gabriel River Water Quality Group Water Quality Monitoring Provided monitoring for the Rio Hondo/San Gabriel River Water Quality Group to implement the Watershed Control Measures (WCM) identified in the revised Watershed Management Plan (rWMP) to meet water quality objective milestones. CWE completed water monitoring via sample collection of bacteria (E. coli) samples and wet-chemistry samples in accordance with the CIMP.

Los Angeles County MES and Tributary Station Water Quality Monitoring Monitoring support to assist with MES Monitoring Program Implementation Services. Work consisted of sampling preparation, pre-storm season equipment blank sampling, storm tracking and sampling team coordination, wet- and dry-weather sampling, data analysis, and semi-annual data reporting for the Monitoring and Reporting Program (MRP) in accordance with NPDES MS4 Permit Order, where the following objectives were fulfilled: determining whether the receiving water limitations were being achieved, assessing trends in pollutant concentrations over time, or during specified conditions, and determining whether the designated beneficial uses were fully supported as determined by water chemistry, as well as aquatic toxicity and bioassessment monitoring.

City of Irwindale NPDES Monitoring support who helped identify constituents and monitoring frequency at each monitoring location based on TMDL and 303 (d) requirements as well as update the sampling protocol and suspended sediment and toxicity sampling requirements. These protocols and requirements included QA/QC protocols and the non-stormwater outfall monitoring program.





References

Appendix A1	
<u>REFERENCES</u>	
REFERENCE #1	
NAME OF ENTITY	Rio Hondo San Gabriel River Water Quality Group
ADDRESS	600 S. Mountain Avenue
CITY, STATE, ZIP CODE	Monrovia, California 91016
CONTACT NAME	Alex Tachiki
TELEPHONE #	(626) 703-9203
E-MAIL ADDRESS	atachiki@ci.monrovia.ca.us
PROJECT NAME	Coordinated Integrated Monitoring Program Implementation
COMPLETION DATE	Ongoing
APPROX. COST	\$2,371,580
REFERENCE #2	
NAME OF ENTITY	Los Angeles River Upper Reach 2 Watershed Management Area
ADDRESS	2535 Commerce Way
CITY, STATE, ZIP CODE	Commerce, California 90040
CONTACT NAME	Gina Nila
TELEPHONE #	(323) 722-4805
E-MAIL ADDRESS	ginan@ci.commerce.ca.us
PROJECT NAME	Coordinated Integrated Monitoring Program Implementation
COMPLETION DATE	Ongoing
APPROX. COST	\$2,292,386
REFERENCE #3	
NAME OF ENTITY	Los Angeles County Public Works
ADDRESS	900 S Fremont Ave
CITY, STATE, ZIP CODE	Alhambra, California 91803
CONTACT NAME	Fred Gonzalez
TELEPHONE #	(626) 458-5948
E-MAIL ADDRESS	fgonzal@dpw.lacounty.gov
PROJECT NAME	Mass Emissions and Tributary Station Water Quality Monitoring
COMPLETION DATE	Ongoing
APPROX. COST	\$862,751



List of Subcontractors

While BAPCOCK Laboratories is not considered a subconsultant, thus we have not included them on an Appendix A2, they will provide data to be included in applicable reports.

Based in Riverside, BAPCOCK Laboratories is a 100% employee-owned commercial laboratory with over 115 years of analytical testing expertise specializing in environmental and food product testing, including the analysis of drinking water, wastewater, groundwater, stormwater, and hazardous materials. Clients of BAPCOCK Laboratories receive reliable, defensible data of known and documented quality as well as secure, user-friendly web-based data access and a rigorous Quality Assurance Program accredited by ELAP, NELAP, and ISO/IEC 17025. BAPCOCK has also received Environmental Protection Agency (EPA) laboratory approvals from each cycle of Unregulated Contaminant Monitoring Rule (UCMR). Projects worked on with CWE include SAWPA Bacteria Monitoring and SAWPA Homelessness Assessments.



Price Form

A signed copy of SAWPA Price Form Appendix A3 is included as an attachment to this proposal.

Appendix A3

Row	Task	Year	Costs	Consultant Hours	Description of Costs (Materials, Subcontractors, etc.)
A	1	CY 2024	\$3,650	20	
B	2	CY 2024	\$2,594	9	
C	3	CY 2023	\$17,632	94	
D	4	CY 2024	\$15,411	81	
D1	4	CY 2024	\$1,820		Subcontractor Lab Cost
E	4	CY 2025	\$16,027	81	
E1	4	CY 2025	\$1,893		Subcontractor Lab Cost
F	4	CY 2026	\$16,669	81	
F1	4	CY 2026	\$1,969		Subcontractor Lab Cost
G	5	CY 2024	\$4,415	25	
H	5	CY 2025	\$4,592	25	
I	5	CY 2026	\$4,775	25	





Vendor Business Information

Appendix A4

PROPOSER'S BUSINESS INFORMATION

All proposers shall submit the information as requested below.

1. Length of time your firm has been in business: 17 years
2. Length of time at current location: 11 years
3. List types and business license number(s): California Unified Certification Program (CUMP): 10792
California Department of General Services: 42674
Primary NAICS code: 541330 Additional NAICS codes: 541620, 541990
4. California State Contractor's License number: N/A
5. Names and titles of all officers of the firm: Jason Pereira, Principal and Cofounder
Vik Bapna, Principal and Cofounder
Farooq Qureshi, Chief Operations Officer
6. Is your firm a sole proprietorship doing business under a different name? YES or NO
7. If yes, please indicate sole proprietorship name and the name you are doing business under:

8. Please indicate your Federal Tax Number: 20-4089568
9. Is your firm incorporated? YES or NO
10. Name and remittance address that will appear on invoices: _____
1561 East Orangethorpe Avenue, Suite 240, Fullerton, CA 92831
11. Physical Address: 1561 East Orangethorpe Avenue, Suite 240, Fullerton, CA 92831

Additions, Deletions, and/or Exceptions

Appendix A5

CWE has no additions, deletions, or exceptions to the contractual terms or proposal requirements.



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Appendix A3
SANTA ANA WATERSHED PROJECT AUTHORITY
PRICE FORM


INSTRUCTIONS: Add Additional rows for subcontractor costs (additional rows are required for any subcontractors used). Additional rows are not required for material costs but recommended. Any additional rows (either subcontractor, materials, etc.) added should sum to the existing row (i.e. lettered A, B, C, ... M) that they correspond with. Label these additional rows with a number after the letter (example shown with row A1 which corresponds with row A).

Row	Task	Year	Costs	Consultant Hours	Description of Costs (Materials, Subcontractors, etc.)
A	1	CY 2024	\$3,650	20	
B	2	CY 2024	\$2,594	9	
C	3	CY 2023	\$17,632	94	
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D1	4	CY 2024	\$1,820		Subcontractor Lab Cost
E	4	CY 2025	\$16,027	81	
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F	4	CY 2026	\$16,669	81	
F1	4	CY 2026	\$1,969		Subcontractor Lab Cost
G	5	CY 2024	\$4,415	25	
H	4	CY 2025	\$4,592	25	
I	5	CY 2026	\$4,775	25	

Price(s) shall include **all** labor, equipment, materials, transportation, overhead, travel, profit, insurance, sales and other taxes, licenses, incidentals, and all other related costs necessary to meet the work requirements.

PROPOSERS:

Your signature on this document below, should you be awarded a contract as defined in this RFP, signifies that you have fully read and understood this proposal and will comply with all specifications, conditions, unit prices, terms, and delivery of the proposal unless otherwise noted in the Appendix A5 portion of the RFP response.

Name of Firm:	CWE	Title:	Principal
Authorized Signature:		Date:	8/1/2023
Printed/Typed Name:	Vik Bapna	Mailing Address:	1561 E. Orangethorpe Ave, Suite 240
Phone:	714-526-7500	City, State, Zip	Fullerton, CA, 92831
Fax:	714-526-7004	E-Mail Address:	vbapna@cwecorp.com

COMMISSION MEMORANDUM NO. 2023.52

DATE: September 5, 2023
TO: SAWPA Commission
SUBJECT: Headwaters Arundo Removal Update
PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

Receive and file.

DISCUSSION

Per the SAWPA Commission's approval of the Inland Empire Resource Conservation District (IERCD) Task Order on July 19, 2022, the invasive weed *Arundo donax* has been surveyed and removed in several key areas in the Upper Santa Ana River Watershed's headwaters. Through the Task Order, IERCD has done 10,000+ acres of surveys using aerial imagery and, in the field, to determine the most upstream occurrences of *Arundo* in the watershed. As the weed spreads from its rhizomes (underground stems) being uprooted and flowing downstream by high flows, and not through air-based seed disbursement, it is important to start at the top of the watershed. There are six areas in the upper watershed with the weed present per the survey results:

- Cajon and Lytle creeks,
- Waterman Canyon,
- Santa Ana River mainstem upstream of Highway 10,
- Redlands Area,
- Yucaipa Area and Yucaipa Creek, and
- San Timoteo Creek.

Over the course of Fiscal Year Ending (FYE) 2023, IERCD has acquired right of entry agreements from property owners in the Cajon Creek, Redlands Area, Yucaipa Area, and Yucaipa Creek. In FYE 2023, removal of the weed has taken place in the Redlands Area, Yucaipa Area, and Yucaipa Creek.

For FYE 2024, follow up treatment with approved herbicide is planned for the Redlands Area, Yucaipa Area, and Yucaipa Creek. Initial removal is planned for the Cajon Creek Area, and possibly Lytle Creek. Outreach to property owners is planned for Lytle Creek, San Timoteo Creek, Santa Ana River mainstem upstream of Highway 10, and Waterman Canyon.

BACKGROUND

Since 2004, SAWPA has implemented *Arundo donax* invasive weed removal projects that cover approximately 6,000 acres in the Santa Ana River Watershed saving an estimated 43,000-acre feet of water per year. Various field and aerial surveys conducted by SAWPA, and other public agencies have verified that there is re-growth of *Arundo donax* in old invasive weed project sites as well as new areas. A 2015 aerial flight conducted by the U.S. Army Corps of Engineers detected 343 acres of *Arundo donax* in the watershed, which is 0.01% of the total watershed

area. Based on the 2000 report, *Distribution of Arundo donax in Coastal Watersheds of Southern California*, staff estimates that 0.9% (1,600 acres) of the watershed was covered with Arundo at the time of the report.

IERCD is one of four resource conservation districts in the SARW, and its service area covers the upper SARW. A resource conservation district (RCD) is a natural resource conservation entity that can work on public and private lands at the local, regional, state, tribal, and federal levels. In California, RCDs are special districts organized under Division 9 of the State's Public Resources Code. All RCDs operate with a Board of Directors made up of elected or appointed volunteer landowners in that district.

Proposition 13 (2000 Water Bond) funding created the SAWPA managed Southern California Integrated Watershed Program (SCIWP) and provided SAWPA \$4,000,000 to purchase 100 units in the existing Santa Ana River Mitigation Bank. The Santa Ana River Mitigation Bank was created in 1996 by an agreement with local bank manager Riverside County Regional Park and Open-Space District and the lead federal regulatory agency, the U.S. Army Corps of Engineers. As stated in the original SCIWP work plan, proceeds of the sale of these 100 SAWPA units were to fund projects that prevent Arundo re-infestation in areas where the weed has been removed.

As part of that 100-unit purchase, the SAWPA Commission approved Resolution No. 427 in 2004 that stipulates that the proceeds of the sale of these units would be used to remove Arundo and other non-native invasive plants, as well as related habitat efforts in the SARW. Resolution No. 427 states that any project related expenditures from the account shall be approved by the SAWPA Commission to ensure consistency with the purpose of the intent of the SCIWP.

CRITICAL SUCCESS FACTORS

Roundtables: Goals, scope, costs, resources, timelines, and the contract term are approved by the Commission before executing an agreement to participate in a roundtable group.

RESOURCE IMPACTS

This \$147,777 task order is funded solely through the proceeds of the sale of mitigation credits from the Santa Ana River Mitigation Bank. Revenue from the mitigation bank is kept in a separate interest bearing SAWPA fund – the Arundo Management & Habitat Restoration Fund. The fund's current balance is approximately \$808,000.

Attachments:

1. Presentation



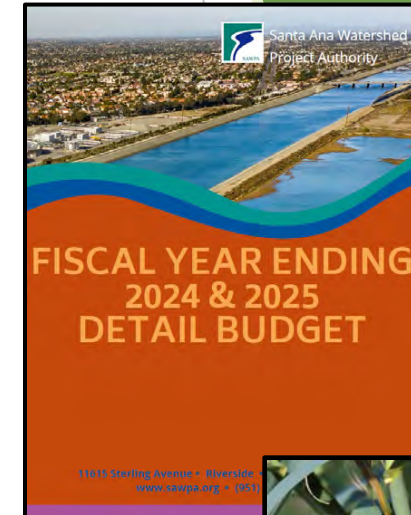
Headwaters Arundo Removal Update

Ian Achimore | Senior Watershed Manager
September 5, 2023 | Commission Meeting
Item 6.B



Quick Stats on the Arundo Roundtable

- Arundo Management & Habitat Restoration Fund (Fund) in SAWPA Budget,
- Fund in Budget gains revenue from Santa Ana River Mitigation Bank credit sales, and
- Per SAWPA Resolution No. 427, use of the Fund (like a task order) needs to be approved by Commission.



What is Arundo donax?

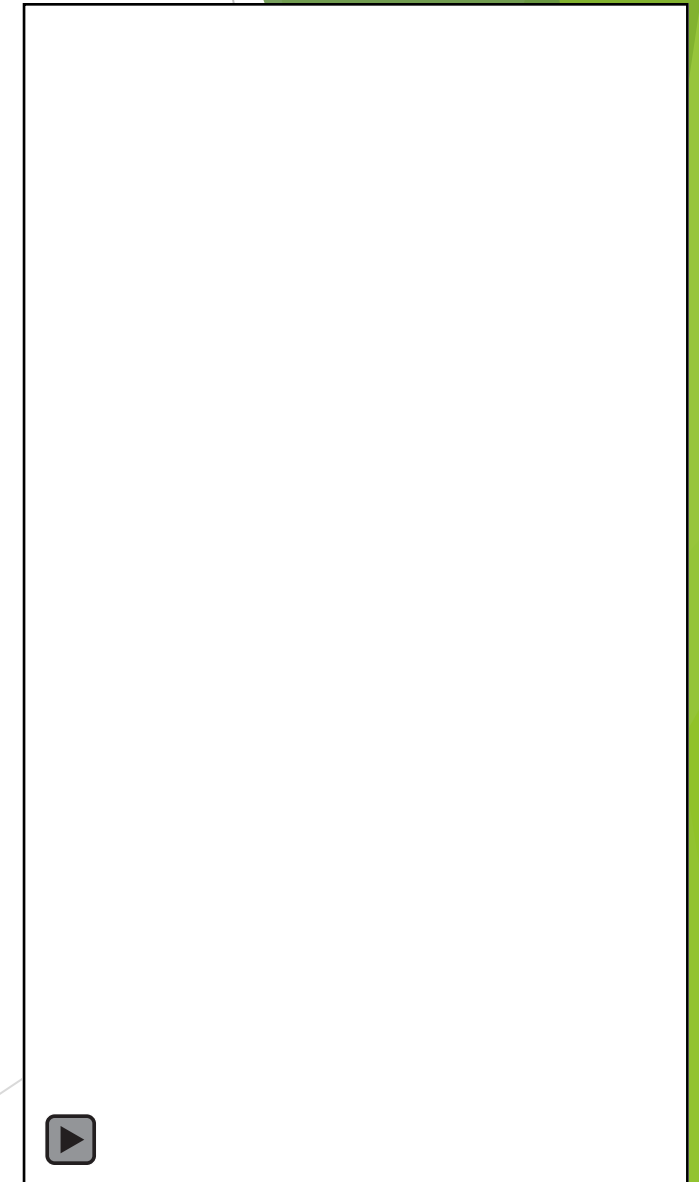
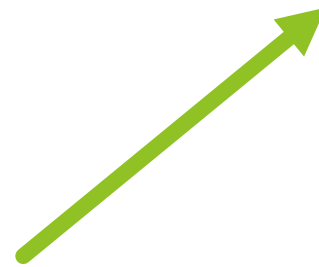
- ▶ Invasive Plant (High Rating),
- ▶ Noxious Weed,
- ▶ Uses approx. 528 gallons of water per meter annually,
- ▶ Growth rate is 1.5 to 4 inches per day under optimal conditions,
- ▶ Highly combustible,
- ▶ Survives fire and thrives,
- ▶ Causes flooding by altering flow regimes, and
- ▶ No known habitat benefit.



Why Headwaters Are An Important Focus-Area for Arundo Removal

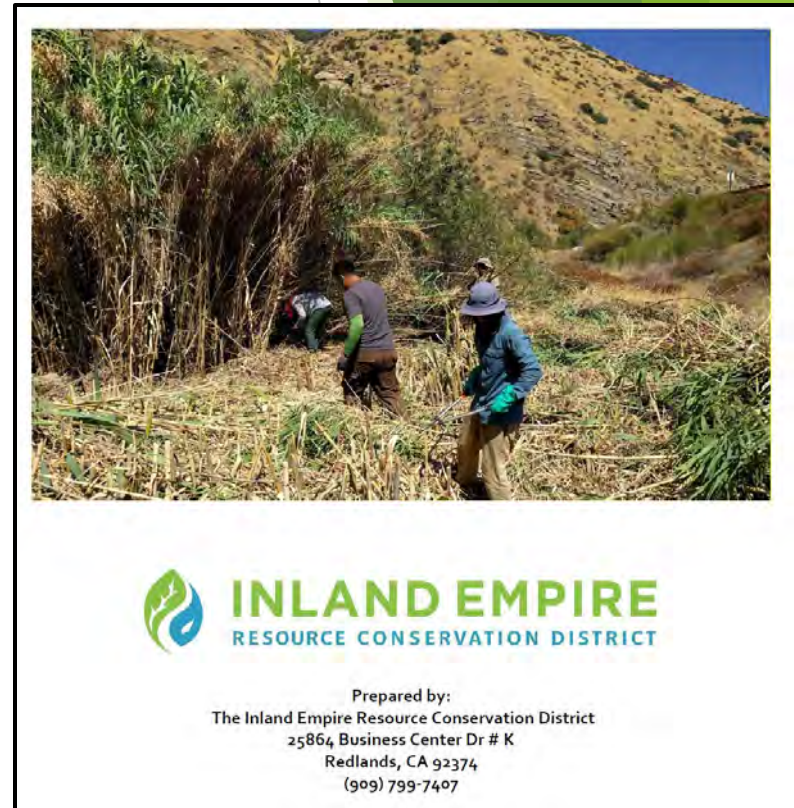
- ▶ Arundo rhizomes (underground stems) can wash down waterways during rain events,
- ▶ Starting at top of watershed and working down is economical.

Arundo Rhizome
Flowing Downstream
(Video)



About Inland Empire Resource Conservation District (IERCD)

- ▶ One of four RCDs in the Santa Ana River Watershed (SARW),
 - ▶ Their service area covers the upper SARW,
- ▶ Similar projects IERCD has implemented include:
 - ▶ Mill Creek Spanish Broom Control Project, and
 - ▶ Cajon Pass Invasive Species Control Project.
- ▶ IERCD has a detailed invasive species removal plan for their field staff.
- ▶ Staff are certified by State Department of Pesticide Regulation for herbicide application.
- ▶ SAWPA Commission approved a five-year IERCD Task Order on July 19, 2022.



Task Order Budget

Time Period	Task Description	Amount
Task 1	Access Agreements, Right of Entry, Encroachment	\$10,775
Task 2	Surveying and Mapping	\$16,357
Task 3	Invasive Species Removal, Herbicide Application, Retreatment, and Restoration	\$107,097
Task 4	Admin - Environmental Review, Project Management, Administration, and Reporting	\$13,547
Total		\$147,777

Schedule and Budget Status

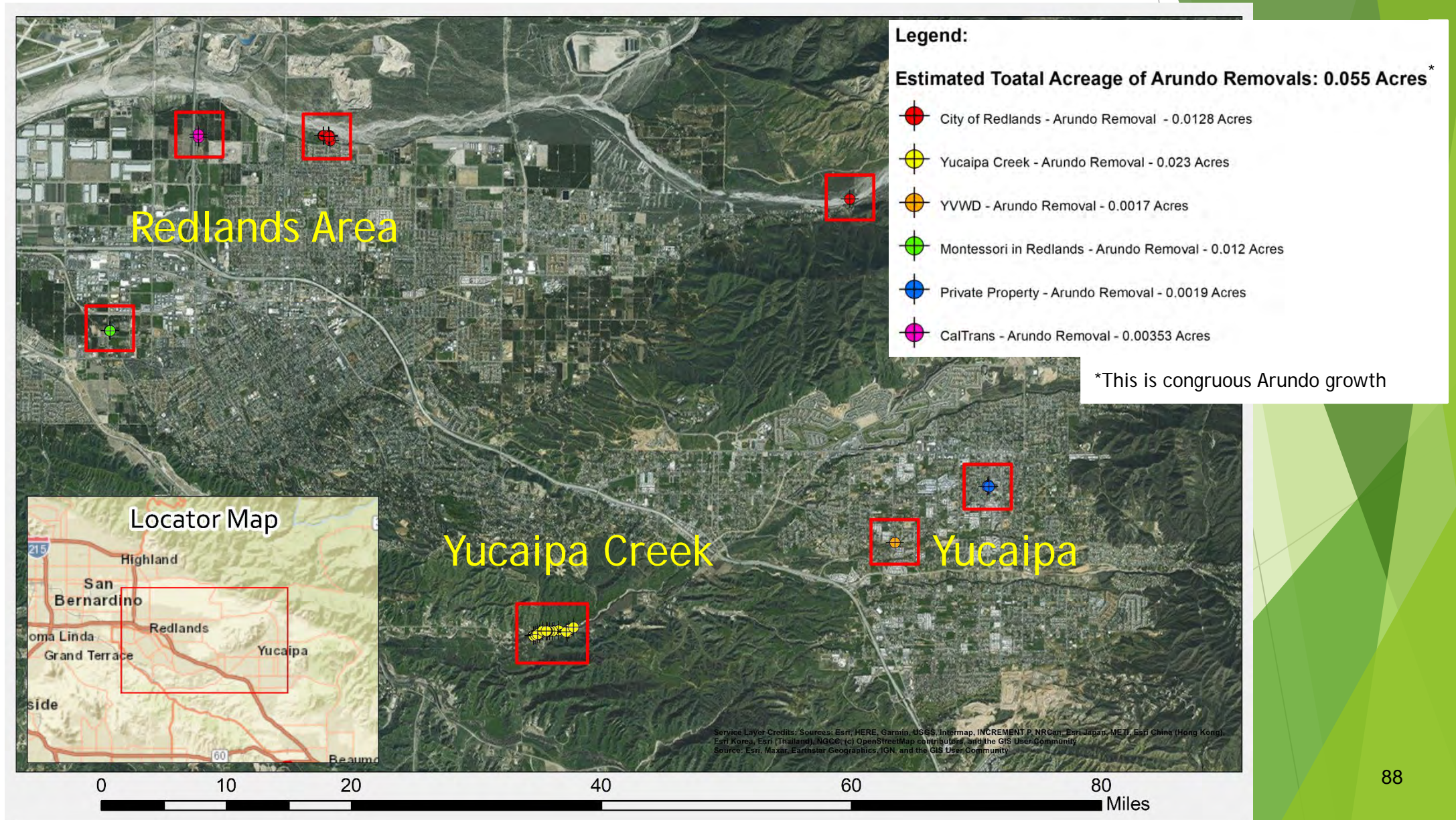
Item	Amount Incurred	% of Schedule/Budget Incurred
Schedule Implemented	1 of 5 years	20%
Budget Utilized	\$30,986 of \$147,777	21%

Arundo Surveying in FYE 2023

Item	Total Acres
Acres Surveyed Via Ground	1,348
Acres Surveyed Via Aerial Imagery	8,820
Total	10,168

*This is the total area surveyed, not the amount of total area covered with congruous Arundo growth.

Arundo Treated in FYE 2023



Outreach

Copy of IERCD Letter

INLAND EMPIRE RESOURCE CONSERVATION DISTRICT

Phone | (909) 799-7407
Fax | (909) 478-5501
25864-K Business Center Drive, Redlands, CA 92374
www.iercd.org

August 10, 2023
To: Inland Empire Resident

From: Inland Empire Resource Conservation District
25864-K Business Center Drive
Redlands, CA 92374

RE: URGENT Permission to Enter Your Property for Removal of Noxious Weeds (No Cost to You):

Noxious weeds have been identified on your property and are causing harm to the local and surrounding environment. The Inland Empire Resource Conservation District (IERCD) is requesting permission to remove noxious weeds from your property to reduce environmental and social damage at **no cost to you**; please read the details below to learn how you can help improve natural landscapes and reduce catastrophic risks to the environment.

What are noxious weeds? Noxious weeds are foreign plant species that are detrimental and destructive to important native plant species and wildland habitats and can cause negative environmental and social issues such as:

- **Increased fire danger** due to availability of flashy dry fuels.
- **Significant economic impact** as a result of lost agricultural yields, increased severity of wildfires and floods, loss of productive range lands, and reduced land values.
- **Damage to wildlife habitat** and food and forage material. Noxious weeds are quick to establish in wildland areas and result in loss of habitat for rare plant species and threatened/endangered wildlife.
- **Aquatic noxious weeds** contribute to increased water uptake, resulting in **decreased water availability** for plants, wildlife, and humans.
- **Personal property and foundation damage** caused by aggressive plant and root development.
- **Human health problems** including skin irritation and allergies.

The California Department of Food and Agriculture (CDFA) California Code of Regulations 4500 (CCR 4500) provides the state with the authority to regulate the movement of noxious weeds into or within California, and Food and Agricultural Code 5004 (Division 4) defines noxious weeds as a plant species that is found to be "troublesome, aggressive, intrusive, detrimental, or destructive to agriculture, silviculture, or important native species, and difficult to control or eradicate." Below are several examples of one or more noxious weeds found on your property that are contributing to environmental and social damage:




Figure 1. Giant Cane (*Arundo donax*).




Figure 2. This image shows the degree to which giant cane has invaded natural ecosystems along the middle Santa Ana River in the Inland Empire.

...The Quality of the Environment Determines the Quality of Life...

From Presentation to Cajon Community

Why are Invasive Species Bad?

- Ecology – invasive species displace native plants, decreasing diversity. Large invasions create “dead zones”
- Hard to control
- Reduce crop yields
- Etc.



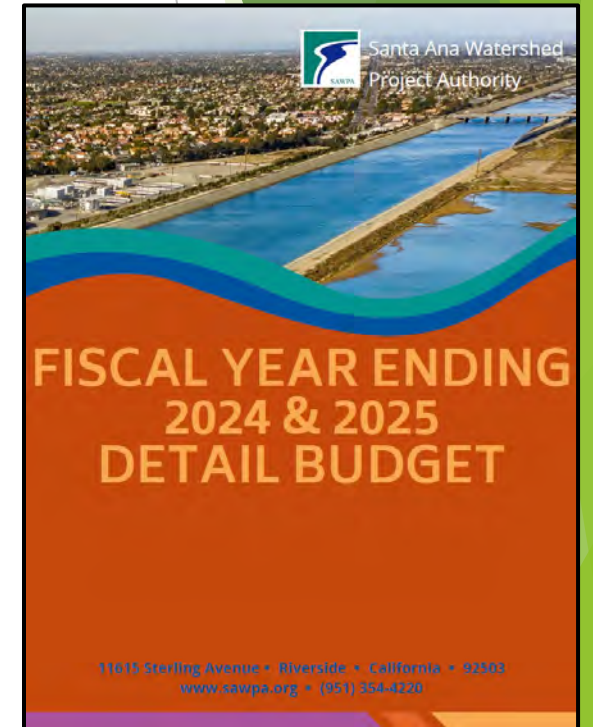
Work Planned for FYE 2024

- ▶ Further outreach in the Cajon and San Timoteo areas.
 - ▶ This involves community presentations, and two letters in the mail, and a follow up “door knocking” for individual property owners by IERCD staff to property owners.
- ▶ Outreach in the Santa Ana River mainstem, Lytle Creek and Waterman Canyon.
 - ▶ This involves individual meetings with large scale property owners like Flood Control Districts and a Native American Tribe.
- ▶ Follow-up removal in the Redlands, Yucaipa, and Yucaipa Creek areas.
- ▶ Initial removal in Cajon and possibly Lytle Creek.



Other Important Factors for this Effort

- ▶ SAWPA is not required to remove *Arundo donax* in these portions of the watershed (i.e. this is not “mitigation” for another project or activity),
- ▶ Approximately \$808,000 in funding is available in SAWPA’s *Arundo* Fund budget for this work,
- ▶ Some of the other downstream *Arundo* “hot spots” in the watershed are being treated by other entities, and
- ▶ IERCD and SAWPA coordinate with these entities through various methods such as Weed Management Area meetings.



Questions

Santa Ana Watershed Project Authority
Cash Transaction Report
Month of June 2023

Below is a summary of cash transactions completed during the month in the Authority's checking account with US Bank. Attached are summaries by major revenue and expense classifications.

Cash Receipts and Deposits to Account	\$ 1,231,619.23
Net Investment Transfers	(719,607.29)
Cash Disbursements	<u>(1,972,871.33)</u>
Net Change for Month	\$ (1,460,859.39)
Balance at Beginning of Month	<u>2,192,461.32</u>
Balance at End of Month per General Ledger	<u>\$ 731,601.93</u>
Collected Balance per Bank Statement	<u><u>\$ 1,133,284.55</u></u>

ACCOUNTS PAYABLE RECONCILIATION

Accounts Payable Balance @ 05/31/2023	\$ 7,695,217.20
Invoices Received for June 2023	863,442.46
Invoices Paid by check/wire during June 2023 (see attached register)	<u>(1,436,210.62)</u>
Accounts Payable Balance @ 06/30/2023	<u><u>\$ 7,122,449.04</u></u>

CASH RECEIPTS

Brine Line Operating Revenues	\$ 1,209,440.19
Participant Fees	21,458.00
Other	<u>721.04</u>
Total Receipts and Deposits	\$ 1,231,619.23

INVESTMENT TRANSFERS

Transfer of Funds:	
From (to) US Bank	\$ -
From (to) LAIF	500,000.00
From (to) Legal Defense Fund	-
From (to) LESJWA	-
From (to) Investments	<u>(1,219,607.29)</u>
Total Investment Transfers	\$ (719,607.29)

CASH DISBURSEMENTS

By Check or ACH:	
Payroll	\$ -
Operations	<u>1,436,210.62</u>
Total Checks Drawn	\$ 1,436,210.62
By Cash Transfer:	
Payroll	\$ 536,660.71
Payroll Taxes	<u>-</u>
Total Cash Transfers	\$ 536,660.71
Total Cash Disbursements	<u><u>\$ 1,972,871.33</u></u>

Santa Ana Watershed Project Authority
Check Detail
Jun-23

Category	Check #	Check Date	Type	Vendor	Check Amount
Accrued Volumetric Costs	EFT05263	6/1/2023	CHK	Orange County Sanitation District	\$ 623,568.16
Accrued Volumetric Costs Total					\$ 623,568.16
Asset	EFT05340	6/29/2023	CHK	Gillis & Panichapan Architects	\$ 1,250.00
Asset Total					\$ 1,250.00
Auto Expense	5575	6/15/2023	CHK	County of Riverside	\$ 1,114.63
Auto Expense	5580	6/22/2023	CHK	Pete's Road Service, Inc.	\$ 3,649.73
Auto Expense	EFT05298	6/15/2023	CHK	County of Riverside/Transportation	\$ 1,415.16
Auto Expense Total					\$ 6,179.52
Benefits	5568	6/1/2023	CHK	CalPERS - CERBT	\$ 18,040.00
Benefits	5579	6/22/2023	CHK	Mutual Of Omaha	\$ 3,025.08
Benefits	EFT05264	6/1/2023	CHK	MissionSquare	\$ 3,889.37
Benefits	EFT05268	6/1/2023	CHK	MissionSquare	\$ 427.58
Benefits	EFT05271	6/1/2023	CHK	HealthEquity, Inc.	\$ 140.00
Benefits	EFT05279	6/8/2023	CHK	ACWA JPIA	\$ 47,885.58
Benefits	EFT05292	6/15/2023	CHK	MissionSquare	\$ 3,889.37
Benefits	EFT05295	6/15/2023	CHK	MissionSquare	\$ 427.58
Benefits	EFT05308	6/22/2023	CHK	Aflac	\$ 410.63
Benefits	EFT05323	6/29/2023	CHK	MissionSquare	\$ 3,889.37
Benefits	EFT05329	6/29/2023	CHK	MissionSquare	\$ 427.58
Benefits	EFT05332	6/29/2023	CHK	HealthEquity, Inc.	\$ 140.00
Benefits	P044843	6/1/2023	WDL	CalPERS Supplemental Income	\$ 6,086.89
Benefits	P044844	6/1/2023	WDL	Public Employees' Retirement	\$ 24,362.43
Benefits	P044908	6/15/2023	WDL	Public Employees' Retirement	\$ 23,412.70
Benefits	P044909	6/15/2023	WDL	CalPERS Supplemental Income	\$ 6,105.89
Benefits	P045000	6/29/2023	WDL	CalPERS Supplemental Income	\$ 4,211.89
Benefits	P045001	6/29/2023	WDL	Public Employees' Retirement	\$ 23,271.36
Benefits	WDL000006121	6/8/2023	WDL	WageWorks	\$ 464.53
Benefits	WDL000006131	6/20/2023	WDL	WageWorks	\$ 79.40
Benefits	WDL000006137	6/23/2023	WDL	WageWorks	\$ 384.61
Benefits Total					\$ 170,971.84
Building Lease	5589	6/29/2023	CHK	Wilson Property Services, Inc	\$ 2,232.34
Building Lease	5590	6/29/2023	CHK	Wilson Property Services, Inc	\$ 2,499.84
Building Lease	5591	6/29/2023	CHK	Wilson Property Services, Inc	\$ 2,448.00
Building Lease Total					\$ 7,180.18
Cloud Storage	EFT05331	6/29/2023	CHK	Accent Computer Solutions Inc	\$ 1,710.33
Cloud Storage Total					\$ 1,710.33
Consulting	EFT05267	6/1/2023	CHK	CDM Smith, Inc.	\$ 41,694.10
Consulting	EFT05273	6/1/2023	CHK	GEI Consultants	\$ 4,800.00
Consulting	EFT05274	6/1/2023	CHK	Water Systems Consulting	\$ 7,607.50
Consulting	EFT05275	6/1/2023	CHK	JPW Communications	\$ 2,916.65
Consulting	EFT05285	6/8/2023	CHK	Woodard & Curran Inc.	\$ 36,117.30
Consulting	EFT05287	6/8/2023	CHK	Sol Media	\$ 1,800.00
Consulting	EFT05296	6/15/2023	CHK	Accent Computer Solutions Inc	\$ 150.00
Consulting	EFT05303	6/15/2023	CHK	Kahn Soares & Conway	\$ 5,700.00
Consulting	EFT05306	6/15/2023	CHK	Rincon Consultants, Inc.	\$ 10,835.50
Consulting	EFT05312	6/22/2023	CHK	Santa Ana Watershed Association	\$ 502.15
Consulting	EFT05315	6/22/2023	CHK	Dudek	\$ 17,781.39
Consulting	EFT05316	6/22/2023	CHK	Woodard & Curran Inc.	\$ 4,180.00
Consulting	EFT05326	6/29/2023	CHK	West Coast Advisors	\$ 9,750.00
Consulting	EFT05330	6/29/2023	CHK	Integrated Systems Solutions	\$ 240.50
Consulting	EFT05331	6/29/2023	CHK	Accent Computer Solutions Inc	\$ 2,873.49
Consulting	EFT05335	6/29/2023	CHK	Sol Media	\$ 780.00
Consulting	EFT05336	6/29/2023	CHK	GEI Consultants	\$ 3,560.00
Consulting	EFT05339	6/29/2023	CHK	JPW Communications	\$ 2,916.65
Consulting	EFT05341	6/29/2023	CHK	West Yost & Associates, Inc.	\$ 21,654.25
Consulting Total					\$ 175,859.48
Contributions	5593	6/29/2023	CHK	Telele Foundation	\$ 1,000.00
Contributions	EFT05270	6/1/2023	CHK	Western Riverside Council of Governments	\$ 4,000.00
Contributions	EFT05334	6/29/2023	CHK	CivicWell	\$ 2,500.00
Contributions Total					\$ 7,500.00
Credit Cards	P044999	6/8/2023	WDL	US Bank	\$ 13,872.97
Credit Cards Total					\$ 13,872.97

Santa Ana Watershed Project Authority
Check Detail
Jun-23

Category	Check #	Check Date	Type	Vendor	Check Amount
Director Costs	EFT05278	6/1/2023	CHK	Michael Camacho	\$ 28.82
Director Costs	EFT05291	6/15/2023	CHK	Eastern Municipal Water District	\$ 524.89
Director Costs	EFT05297	6/15/2023	CHK	Jasmin Hall	\$ 68.12
Director Costs	EFT05299	6/15/2023	CHK	Bruce Whitaker	\$ 39.30
Director Costs	EFT05302	6/15/2023	CHK	T. Millford Harrison	\$ 28.82
Director Costs	EFT05324	6/29/2023	CHK	Western Municipal Water District	\$ 195,731.30
Director Costs Total					\$ 196,421.25
Dues	5569	6/1/2023	CHK	Las Virgenes Municipal Water District	\$ 7,500.00
Dues Total					\$ 7,500.00
Employee Reimbursement	EFT05269	6/1/2023	CHK	Karen Williams	\$ 76.39
Employee Reimbursement	EFT05305	6/15/2023	CHK	Edina Goode	\$ 150.00
Employee Reimbursement	EFT05313	6/22/2023	CHK	Karen Williams	\$ 14.27
Employee Reimbursement	EFT05314	6/22/2023	CHK	Jeffrey J. Mosher	\$ 3,326.00
Employee Reimbursement	EFT05317	6/22/2023	CHK	Alison L Lewis	\$ 1,145.30
Employee Reimbursement	EFT05328	6/29/2023	CHK	David Ruhl	\$ 150.00
Employee Reimbursement	EFT05333	6/29/2023	CHK	Alison L Lewis	\$ 599.00
Employee Reimbursement	EFT05337	6/29/2023	CHK	Haley Mullay	\$ 69.36
Employee Reimbursement	EFT05342	6/29/2023	CHK	Edina Goode	\$ 27.66
Employee Reimbursement	EFT05344	6/29/2023	CHK	Melissa Bustamonte	\$ 79.00
Employee Reimbursement Total					\$ 5,636.98
Equipment Rented	5574	6/15/2023	CHK	Pitney Bowes Global Financial Services	\$ 345.60
Equipment Rented	EFT05282	6/8/2023	CHK	Konica Minolta - Rental	\$ 678.07
Equipment Rented Total					\$ 1,023.67
Facility Repair & Maintenance	5567	6/1/2023	CHK	City of Corona	\$ 181.65
Facility Repair & Maintenance	EFT05272	6/1/2023	CHK	Douglas Environmental Group	\$ 1,140.00
Facility Repair & Maintenance	EFT05284	6/8/2023	CHK	TNT Elevator Inc	\$ 280.00
Facility Repair & Maintenance	EFT05300	6/15/2023	CHK	Riverside Cleaning Systems	\$ 1,625.00
Facility Repair & Maintenance	EFT05310	6/22/2023	CHK	Western Exterminator Co.	\$ 169.05
Facility Repair & Maintenance Total					\$ 3,395.70
Insurance Expense	EFT05301	6/15/2023	CHK	Zenith Insurance Company	\$ 4,830.00
Insurance Expense Total					\$ 4,830.00
Lab Costs	EFT05265	6/1/2023	CHK	E. S. Babcock & Sons, Inc.	\$ 2,099.00
Lab Costs	EFT05293	6/15/2023	CHK	E. S. Babcock & Sons, Inc.	\$ 1,386.00
Lab Costs	EFT05311	6/22/2023	CHK	E. S. Babcock & Sons, Inc.	\$ 2,828.92
Lab Costs	EFT05327	6/29/2023	CHK	E. S. Babcock & Sons, Inc.	\$ 2,056.29
Lab Costs Total					\$ 8,370.21
Landscape Maintenance	EFT05294	6/15/2023	CHK	Green Meadows Landscape	\$ 777.00
Landscape Maintenance Total					\$ 777.00
Lease Capacity	EFT05322	6/29/2023	CHK	Inland Empire Utilities Agency	\$ 106,762.50
Lease Capacity	EFT05324	6/29/2023	CHK	Western Municipal Water District	\$ 1,567.07
Lease Capacity Total					\$ 108,329.57
Legal	EFT05338	6/29/2023	CHK	Lagerlof, LLP	\$ 1,072.00
Legal Total					\$ 1,072.00
Materials & Supplies	5592	6/29/2023	CHK	San Bernardino Paint	\$ 568.10
Materials & Supplies Total					\$ 568.10
Office Expense	5566	6/1/2023	CHK	Staples Business Credit	\$ 108.25
Office Expense	5577	6/22/2023	CHK	Printing Connection, Inc.	\$ 43.50
Office Expense	5586	6/29/2023	CHK	Staples Business Credit	\$ 77.61
Office Expense	EFT05277	6/1/2023	CHK	Konica Minolta Business Solutions	\$ 325.05
Office Expense	EFT05289	6/15/2023	CHK	Aramark Refreshment Services	\$ 497.11
Office Expense	EFT05325	6/29/2023	CHK	Awards & Specialties	\$ 15.23
Office Expense	EFT05343	6/29/2023	CHK	Konica Minolta Business Solutions	\$ 335.75
Office Expense Total					\$ 1,402.50
Other Contract Services	EFT05263	6/1/2023	CHK	Orange County Sanitation District	\$ 3,463.76
Other Contract Services	EFT05286	6/8/2023	CHK	EcoTech Services Inc	\$ 29,232.45
Other Contract Services Total					\$ 32,696.21
Other Expense	5572	6/8/2023	CHK	California Newspaper Service	\$ 3,532.61
Other Expense Total					\$ 3,532.61

Santa Ana Watershed Project Authority
Check Detail
Jun-23

Category	Check #	Check Date	Type	Vendor	Check Amount
Other Professional Services	EFT05304	6/15/2023	CHK	Bell, McAndrews, & Hiltachk	\$ 52.00
Other Professional Services Total					\$ 52.00
Payroll	WDL000006103	6/2/2023	WDL	Direct Deposit 6/2/2023	\$ 88,381.69
Payroll	WDL000006106	6/2/2023	WDL	PR Tax - Federal	\$ 38,807.29
Payroll	WDL000006107	6/2/2023	WDL	PR Tax - State	\$ 8,285.69
Payroll	WDL000006108	6/2/2023	WDL	PR Tax - State AZ	\$ 93.79
Payroll	WDL000006109	6/2/2023	WDL	Direct Deposit 6/2/2023	\$ 86,828.31
Payroll	WDL000006110	6/2/2023	WDL	PR Tax - Federal	\$ 36,423.78
Payroll	WDL000006111	6/2/2023	WDL	PR Tax - State	\$ 10,287.52
Payroll	WDL000006122	6/16/2023	WDL	Direct Deposit 6/16/2023	\$ 88,718.67
Payroll	WDL000006125	6/16/2023	WDL	PR Tax - Federal	\$ 38,078.58
Payroll	WDL000006126	6/16/2023	WDL	PR Tax - State	\$ 7,949.27
Payroll	WDL000006127	6/16/2023	WDL	PR Tax - State AZ	\$ 93.79
Payroll	WDL000006130	6/22/2023	WDL	Direct Deposit 6/22/2023	\$ 425.24
Payroll	WDL000006135	6/22/2023	WDL	PR Tax - Federal	\$ 71.14
Payroll	WDL000006136	6/22/2023	WDL	PR Tax - State	\$ 4.19
Payroll	WDL000006138	6/30/2023	WDL	Direct Deposit 6/30/2023	\$ 87,322.68
Payroll	WDL000006139	6/30/2023	WDL	PR Tax - Federal	\$ 36,851.51
Payroll	WDL000006140	6/30/2023	WDL	PR Tax - State	\$ 7,943.78
Payroll	WDL000006141	6/30/2023	WDL	PR Tax - State AZ	\$ 93.79
Payroll Total					\$ 536,660.71
Safety	EFT05283	6/8/2023	CHK	Underground Service Alert	\$ 214.20
Safety Total					\$ 214.20
Security	5578	6/22/2023	CHK	SafeT Security	\$ 350.55
Security	5587	6/29/2023	CHK	SafeT Security	\$ 113.85
Security Total					\$ 464.40
Shipping/Postage	5584	6/29/2023	CHK	Pitney Bowes Purchase Power	\$ 73.35
Shipping/Postage	EFT05281	6/8/2023	CHK	General Logistics Systems US	\$ 27.74
Shipping/Postage	EFT05309	6/22/2023	CHK	General Logistics Systems US	\$ 29.68
Shipping/Postage Total					\$ 130.77
Software	5588	6/29/2023	CHK	enfoTech	\$ 27,870.00
Software	EFT05266	6/1/2023	CHK	Solver Inc.	\$ 5,236.73
Software	EFT05276	6/1/2023	CHK	PlanetBids, Inc.	\$ 8,012.50
Software	EFT05331	6/29/2023	CHK	Accent Computer Solutions Inc	\$ 2,160.53
Software Total					\$ 43,279.76
Subscriptions	EFT05288	6/8/2023	CHK	Verizon Connect	\$ 104.70
Subscriptions Total					\$ 104.70
Temporary Services	EFT05262	6/1/2023	CHK	AppleOne, Inc.	\$ 518.84
Temporary Services	EFT05280	6/8/2023	CHK	AppleOne, Inc.	\$ 335.72
Temporary Services	EFT05290	6/15/2023	CHK	AppleOne, Inc.	\$ 335.72
Temporary Services	EFT05307	6/22/2023	CHK	AppleOne, Inc.	\$ 335.72
Temporary Services	EFT05321	6/29/2023	CHK	AppleOne, Inc.	\$ 320.46
Temporary Services Total					\$ 1,846.46
Utilities	5565	6/1/2023	CHK	AT&T	\$ 207.16
Utilities	5570	6/8/2023	CHK	Riverside Public Utilities	\$ 117.11
Utilities	5571	6/8/2023	CHK	Burrtec Waste Industries, Inc	\$ 196.37
Utilities	5573	6/15/2023	CHK	Riverside Public Utilities	\$ 1,486.53
Utilities	5576	6/22/2023	CHK	AT&T	\$ 967.97
Utilities	5581	6/29/2023	CHK	AT&T	\$ 879.50
Utilities	5582	6/29/2023	CHK	AT&T	\$ 1,007.38
Utilities	5583	6/29/2023	CHK	AT&T	\$ 207.16
Utilities	5585	6/29/2023	CHK	Southern California Edison	\$ 23.67
Utilities	EFT05318	6/22/2023	CHK	Verizon Wireless Services LLC	\$ 976.18
Utilities	EFT05319	6/22/2023	CHK	Verizon Wireless Services LLC	\$ 352.96
Utilities	EFT05320	6/22/2023	CHK	Verizon Wireless Services LLC	\$ 48.06
Utilities Total					\$ 6,470.05
Grand Total					\$ 1,972,871.33
		Accounts Payable			
	Checks	\$ 1,333,957.95			
	Wire Transfers	\$ 102,252.67			
		\$ 1,436,210.62			
	Other	\$ -			
	Payroll	\$ 536,660.71			
Total Disbursements for June 2023		\$ 1,972,871.33			

Santa Ana Watershed Project Authority
Consulting
Jun-23

Check #	Check Date	Task #	Task Description	Vendor Name	Total Contract	Check Amount	Remaining Contract Amount	Notes/Comments
EFT05296	6/15/2023	ACS100-26	IT Services	Accent Computer Solutions	\$ 288,000.00	\$ 150.00	\$ 241,843.13	
EFT05331	6/29/2023	ACS100-26	IT Services	Accent Computer Solutions	\$ 288,000.00	\$ 2,873.49	\$ 241,843.13	
EFT05267	6/1/2023	CDM386-16	Implementation of SAR regional Bacteria Monitoring Program	CDM Smith	\$ 1,126,600.00	\$ 41,694.10	\$ 352,132.11	
EFT05315	6/22/2023	DUDK240-07	Inland Empire Brine Line Master Plan	Dudek	\$ 399,980.00	\$ 17,781.39	\$ 324,268.61	
EFT05273	6/1/2023	GEI384-02	MSAR TMDL - Limited Basin Plan Amendment Revisions	GEI Consultants	\$ 67,000.00	\$ 4,800.00	\$ 30,933.75	
EFT05336	6/29/2023	GEI384-02	MSAR TMDL - Limited Basin Plan Amendment Revisions	GEI Consultants	\$ 67,000.00	\$ 3,560.00	\$ 30,933.75	
EFT05330	6/29/2023	INSOL100-20	Great Plains and Journyx Support	Integrated Systems Solutions	\$ 5,000.00	\$ 240.50	\$ 1,170.50	
EFT05275	6/1/2023	JPW392-01	Emerging Constituents Program Social Media Support	JPW Communications	\$ 105,000.00	\$ 2,916.65	\$ 375.05	
EFT05339	6/29/2023	JPW392-01	Emerging Constituents Program Social Media Support	JPW Communications	\$ 105,000.00	\$ 2,916.65	\$ 375.05	
EFT05303	6/15/2023	KSC374-02	Basin Monitoring Program TF Regulatory Support	Kahn, Soares, & Conway	\$ 116,000.00	\$ 3,975.00	\$ 17,422.50	
EFT05303	6/15/2023	KSC384-02	MSAR Pathogen TMDL TF Regulatory Support	Kahn, Soares, & Conway	\$ 149,750.00	\$ 1,537.50	\$ 80,498.36	
EFT05303	6/15/2023	KSC392-02	Emerging Constituents Program TF Regulatory Support	Kahn, Soares, & Conway	\$ 46,500.00	\$ 187.50	\$ 32,090.00	
EFT05306	6/15/2023	RINC373-01	ICARP RRGF Strategic Planning and Grant Assistance	Rincon Consultants	\$ 49,632.00	\$ 10,835.50	\$ 22,239.00	
EFT05312	6/22/2023	SAWA381-01	Van Buren Bridge Sucker Restoration	Santa Ana Watershed Association	\$ 37,097.56	\$ 502.15	\$ 3,867.27	
EFT05287	6/8/2023	SOL100-14	Website Related Changes	Sol Media	\$ 14,400.00	\$ 1,800.00	\$ (480.00)	Within 10% of PO Total
EFT05335	6/29/2023	SOL100-14	Website Related Changes	Sol Media	\$ 14,400.00	\$ 780.00	\$ (480.00)	Within 10% of PO Total
EFT05274	6/1/2023	WSC373-01	FYE 2023 Roundtable of Regions Network Coordinator	Water Systems Consulting	\$ 72,900.00	\$ 7,607.50	\$ 21,762.65	
EFT05326	6/29/2023	WCA100-03-05	State Legislative Consulting Services	West Coast Advisors	\$ 117,000.00	\$ 9,750.00	\$ 48,750.00	
EFT05341	6/29/2023	WEST374-01	Workplan for Basin Monitoring Program TF Regulatory Support	West Yost & Associates	\$ 427,207.00	\$ 4,255.50	\$ 26,909.27	
EFT05341	6/29/2023	WEST374-02	Ambient Water Quality Pilot Study for Nitrogen and TDS	West Yost & Associates	\$ 339,960.00	\$ 17,398.75	\$ 173,923.21	
EFT05285	6/8/2023	W&C320-01	Reach IV and IV-B DIP Condition Assessment	Woodard & Curran	\$ 392,356.00	\$ 36,117.30	\$ 352,606.20	
EFT05316	6/22/2023	RMC504-401-09	SARCCUP Program Mgmt Services	Woodard & Curran	\$ 84,030.00	\$ 4,180.00	\$ 35,300.00	
					\$ 175,859.48			

COMMISSION MEMORANDUM NO. 2023.53

DATE: September 5, 2023
TO: SAWPA Commission
SUBJECT: Inter-Fund Borrowing – June 2023
PREPARED BY: Karen Williams, DGM/CFO

RECOMMENDATION

It is recommended that the Commission receive and file the informational report on short-term, cash-flow inter-fund borrowing.

DISCUSSION

On December 13, 2005, the Commission approved Resolution No. 452, Inter-Fund and Inter-Project Loan Policy. Staff was directed to bring back an accounting of the loans each month for review when the total exceeded \$250,000 in aggregate.

The following projects, with negative cash flow, are listed below with the amounts borrowed from SAWPA General Fund Reserves in June 2023. The total amount borrowed is over the aggregate \$250,000 amount recommended in Resolution No. 452, Inter-Fund and Inter-Project Loan Policy. The Commission has requested that this item be brought back each month as an informational item when the loan amount is over the \$250,000 aggregate amount.

Fund	Fund Name	05/31/2023 Balance	Loan Receipts	New Charges	06/30/2023 Balance
135	Proposition 84 Admin R2	\$76,959.54	(\$0.00)	\$0.00	\$76,959.54
145	Proposition 84 Admin R4	406,836.99	(0.00)	55,157.02	461,994.01
150	Proposition 1 – Admin	101,234.74	(0.00)	25,341.36	126,576.10
397	Energy – Water DAC	10,552.75	(0.00)	32,951.20	43,503.95
398	DCI 2021 Drought Relief	16,258.85	(0.00)	1,116.63	17,375.48
477	LESJWA Administration	10,133.04	(0.00)	11,998.60	22,131.64
	Total Funds Borrowed	\$621,975.91	(\$0.00)	\$126,564.81	\$748,540.72
	General Fund Reserves Balance		\$2,244,441.02		
	Less Amount Borrowed		<u>748,540.72</u>		
	Balance of General Fund Reserves		\$1,495,900.30		

The following table lists each fund that has a negative cash flow, the source of funding for the fund, how often the fund is billed, and the projected rate of payment for the fund.

NEGATIVE CASH-FLOW FUNDS

Fund No.	Source of Funding	Billing Frequency	Projected Payment Time
135, 145,150 – Proposition 1 & 84 Admin	DWR – Prop 1 & 84 Grant	Monthly/Quarterly	Up to 4 months
397 – Energy – Water DAC	City of Riverside Grant	Quarterly	Up to 4 months
398 – DCI 2021 Drought Relief	DWR – Grant	Monthly	Up to 4 months
477 – LESJWA Admin	Reimbursement from LESJWA	Monthly	2 to 4 weeks
504 – Proposition 84 SARCCUP Projects	DWR – Prop 84 Grant	Monthly/Quarterly	Up to 4 months

Fund 135

This fund is for the administration of Proposition 84 Round II grant funds. These funds will be billed quarterly and 10% will be withheld for retention.

Fund 145

This fund is for the administration of Proposition 84 Round 2015 grant funds. These funds will be billed quarterly and 10% will be withheld for retention.

Fund 150

This fund is for the administration of Proposition 1 grant funds. Once the contract has been signed by DWR these funds will be billed quarterly and 10% will be withheld for retention.

Fund 397

This fund is for the transformative climate communities grant provided by a sub-recipient agreement between SAWPA and the City of Riverside. These funds will be billed on a quarterly basis.

Fund 398

This fund is for the DCI 2021 Drought Relief Grant. These funds will be billed monthly and 10% will be withheld for retention.

Fund 477

Each month LESJWA is billed the cost for administering the JPA. Once the bill is received, LESJWA submits payment within two weeks.

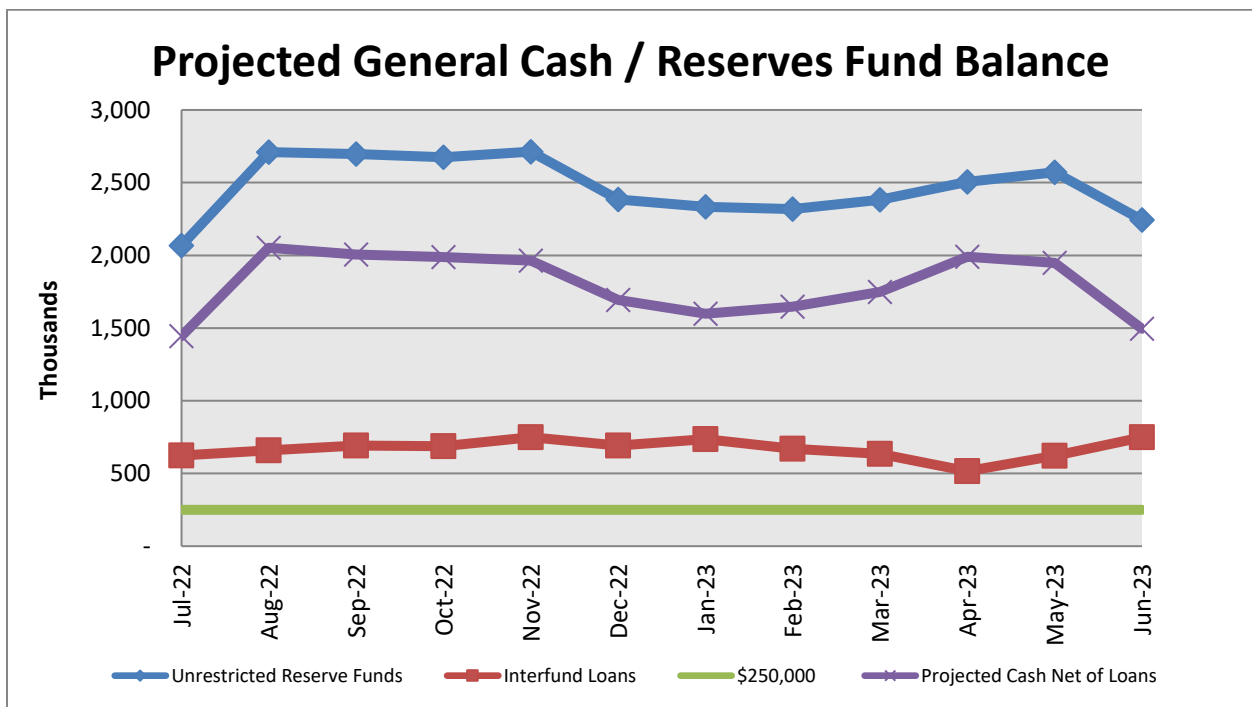
Fund 504

This fund is for the implementation of SARCCUP projects which are administered through PA22 and PA23.

The following graph shows the total budget, total project costs to date, and the amount remaining on each grant.

Fund	Fund Name	Total Budget	Costs Through 06/30/2023	Remaining Grant Budget
145	Proposition 84 Admin R4	\$3,213,384	(\$1,834,305)	\$1,379,079
150	Proposition 1 Admin	1,157,000	(466,421)	690,579
397	WECAN – City of Riverside	592,417	(71,485)	520,932
398	DCI 2021 Drought Grant	5,000,000	(109,241)	4,890,759
504	Prop 84 – 2015 Round (SARCCUP)	1,543,810	(944,047)	599,763
505	Prop 1 – Round 1 Capital Projects	500,000	(362,374)	137,626
Totals		\$12,006,611	(\$3,787,873)	\$8,218,738

The following graph shows projected inter-fund loan balances, total unrestricted General Fund Reserves available for loans, and projected cash net of loans through June 2023. The projected loan balance is expected to remain over the \$250,000 aggregate limit through June 2023 because of Proposition 1 and 84 grants but can be covered by General Fund Reserves without a major impact on cash flow.



RESOURCE IMPACTS

The funds borrowed from the General Fund Reserves will be paid back with interest when the funding is received. Interfund loans for grants are not charged interest unless the grant contract specifically states that interest is eligible for reimbursement. There is sufficient cash available to cover proposed borrowings and to pay budgeted expenditures for the General Fund.

Attachments:

1. Resolution No. 452 | Amending the Inter-Fund, Inter-Project and Inter-Agency Loan Policy

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RESOLUTION NO. 452

A RESOLUTION OF THE COMMISSION OF THE SANTA ANA WATERSHED PROJECT AUTHORITY AMENDING THE INTER-FUND, INTER-PROJECT AND INTER-AGENCY LOAN POLICY

WHEREAS, the Commission of the Santa Ana Watershed Project Authority (hereafter "SAWPA") previously adopted, by minute action taken on August 3, 1996, an "Inter-Fund/Inter-Project Loan Policy" to regulate loans from one SAWPA Fund or Project to another SAWPA Fund or Project; and

WHEREAS, the Commission desires to amend the "Inter-Fund Fund/Project Loan Policy" by formally adopting such Policy, by way of this Resolution, regulating how and in what manner such inter-fund or inter-project loans are to take place and mandating that all such loans require Commission approval in advance as contemplated by the policy adopted on August 3, 1996.

NOW, THEREFORE, BE IT RESOLVED that the Commission of the Santa Ana Watershed Project Authority hereby amends the following Loan Policy for any loan from one SAWPA Fund or Project to another SAWPA Fund or Project:

1. Loans from any SAWPA Fund or Project to another SAWPA Fund, Project or another public agency shall be approved in advance by the SAWPA Commission. The approval shall be in written format and include documentation of the specifics of the transaction. The approval shall include a finding that the loan will not expose the lending SAWPA Fund or Project to significant financial or operational risk.
2. Unless otherwise provided for by the Commission, the borrowing Fund, Project or public agency shall be required to repay the loan within a specific period of time and at a rate of interest as determined by the Commission. For the purposes of this policy, SAWPA's calculated quarterly rate of return may be used as the basis for interest payable on the outstanding principal for any loan. The period for repayment of the loan shall be determined by the Commission, but shall be no longer than the life of the lending Fund or Project.
3. The borrowing Fund's, Project's or public agency's repayment source shall be identified and included in the approval action by the Commission and the "loan documentation". The "loan documentation" shall include a written agreement, resolution or other document approved by the Commission setting forth all of the foregoing terms and conditions.

4. Loans to reimbursable SAWPA grant contract projects and related efforts for short-term (i.e., current fiscal year) operating cash flow purposes may be borrowed from the SAWPA General Fund Reserve without prior Commission approval. But all such loans shall be reported to the Commission within 30 days of each such loan. Such loans shall be paid off on a continuous basis. The total funds loaned for all such grant contract projects and related efforts shall not exceed \$250,000.00 in the aggregate for each fiscal year, without prior written approval by the Commission. Payment of interest will be based on the actual interest that would have been earned by the SAWPA General Fund Reserve had those funds not been borrowed. Cash flow and receivables will be reported at least quarterly to forecast needs and demonstrate compliance.
5. Prior to June 30th of each year, staff shall provide to the Commission an annual written report of all such Inter-fund, Inter-project or Inter-agency loans, amounts repaid and any outstanding loan balances.

ADOPTED this 13th day of December 2005.

SANTA ANA WATERSHED PROJECT AUTHORITY

By: *Mark W. Bulot*
Mark Bulot, Chair



COMMISSION MEMORANDUM NO. 2023.54

DATE: September 5, 2023
TO: SAWPA Commission
SUBJECT: Performance Indicators and Financial Reporting – June 2023
PREPARED BY: Karen Williams, DGM/CFO

RECOMMENDATION

It is recommended that the Commission receive and file staff’s report.

DISCUSSION

The attached reports have been developed to keep the Commission informed as to SAWPA’s business and budget performance. These reports are categorized into the following groups: financial reporting, cash and investments, and performance indicators. They are explained in detail below. As new reports are developed, they will be added for the Commission’s review.

Financial Reporting

Balance Sheet by Fund Type	Lists total assets, liabilities, and equity by fund type for a given period.
Revenue & Expense by Fund Type	Lists total revenue and expenses by fund type for a given period.
Receivables Management	Shows total outstanding accounts receivable by age.
Open Task Order Schedule	Shows SAWPA’s total outstanding obligation for open task orders.
List of SAWPA Funds	Shows each SAWPA Fund with the fund description and fund group.
Debt Service Funding Analysis	Shows total annual income by source used to make debt service payments through debt maturity at FYE 2048.
Debt Service Payment Schedule	Shows total debt service interest and principal payments through debt maturity at FYE 2048.

Cash and Investments

Total Cash and Investments (chart)	Shows the changes in cash and investments balance for the last twelve months.
Cash Balance & Source of Funds	Shows total cash and investments for all SAWPA funds and the types of investments held for each fund.
Cash & Investments (pie chart)	Shows total cash and investments for all SAWPA funds and the percentage of each investment type.
Reserve Account Analysis	Shows changes to each reserve account for the year and projected ending balance for each.

Twelve Month Security Schedule (chart)	Shows the maturity dates for securities held and percentage of securities in each category.
Treasurer's Report	Shows book and market value for both Treasury strips and securities held by the Agency.

Performance Indicators

Average Daily Flow by Month	Shows total flow in the Brine Line System by month compared to total treatment capacity owned. This is an indicator of the available capacity in the line. As we add yearly flows, it will show trends in flow throughout the year.
Summary of Labor Multipliers	Summarizes the information generated from the following two reports and compares the actual benefit and Indirect Cost Allocation rates to the total budgeted rates.
General Fund Costs	Lists total Fund No. 100 costs to date and the amount of those costs recovered through the Indirect Cost Allocation and member contributions.
Benefit Summary	Lists total employee benefit costs actual to budget and projects them through the end of the year. This report compares how the actual benefit rate compares to the budgeted rate.
Labor Hours Budget vs. Actual	Shows total budgeted hours for each project and compares them to the actual hours charged to each.

RESOURCE IMPACTS

Staff expects minimal impacts to SAWPA or its member agencies related to this effort.

Attachments:

- | | |
|---------------------------------------|---|
| 1. Balance Sheet by Fund Type | 10. Reserve Account Analysis |
| 2. Revenue & Expense by Fund Type | 11. Twelve-Month Maturity Schedule - Securities |
| 3. Accounts Receivable Aging Report | 12. Treasurer's Report |
| 4. Open Task Order Schedule | 13. Average Daily Flow by Month |
| 5. List of SAWPA Funds | 14. Summary of Labor Multipliers |
| 6. Debt Service Funding Analysis | 15. General Fund Costs |
| 7. Debt Service Payment Schedule | 16. Benefits |
| 8. Total Cash and Investments (chart) | 17. Labor Hours Budgeted vs. Actual |
| 9. Cash Balance & Source of Funds | |

Santa Ana Watershed Project Authority
Balance Sheet by Fund Type
For the Eleven Months Ending Wednesday, May 31, 2023

	General Fund	Brine Line Enterprise	Capital Projects	OWOW Projects	Roundtable Projects	Fund Totals
Assets						
Current Assets						
Cash and Investments	\$3,308,788.31	\$58,458,796.16	(\$174,892.90)	\$1,357,226.57	\$2,526,666.54	\$65,476,584.68
Accounts Receivable	(21.26)	2,463,215.08	0.00	7,414,859.52	32,922.13	9,910,975.47
Prepays and Deposits	124,372.31	227,763.87	0.00	0.00	0.00	352,136.18
Total Current Assets	<u>3,433,139.36</u>	<u>61,149,775.11</u>	<u>(174,892.90)</u>	<u>8,772,086.09</u>	<u>2,559,588.67</u>	<u>75,739,696.33</u>
Fixed Assets						
Property, Plant & Equipment						
less accum depreciation	1,262,370.52	71,053,875.85	0.00	0.00	0.00	72,316,246.37
Work In Process	0.00	0.00	429,087.53	0.00	0.00	429,087.53
Total fixed assets	<u>1,262,370.52</u>	<u>71,053,875.85</u>	<u>429,087.53</u>	<u>0.00</u>	<u>0.00</u>	<u>72,745,333.90</u>
Other Assets						
Wastewater treatment/disposal						
rights, net of amortization	0.00	20,610,810.61	0.00	0.00	0.00	20,610,810.61
Inventory - Mitigation Credits	0.00	0.00	0.00	0.00	1,910,560.00	1,910,560.00
Leased Assets, net of amortization	27,060.91	221,143.83	0.00	0.00	0.00	248,204.74
Total Other Assets	<u>27,060.91</u>	<u>20,831,954.44</u>	<u>0.00</u>	<u>0.00</u>	<u>1,910,560.00</u>	<u>22,769,575.35</u>
Total Assets	<u><u>\$4,722,570.79</u></u>	<u><u>\$153,035,605.40</u></u>	<u><u>\$254,194.63</u></u>	<u><u>\$8,772,086.09</u></u>	<u><u>\$4,470,148.67</u></u>	<u><u>\$171,254,605.58</u></u>
Liabilities and Fund Equity						
Current Liabilities						
Accounts Payable/Accrued Expenses	(\$263,196.56)	\$1,172,003.92	\$164,085.84	\$6,884,050.75	\$192,857.14	\$8,149,801.09
Accrued Interest Payable	0.00	192,970.03	0.00	0.00	0.00	192,970.03
Customer Deposits	0.00	536,491.84	0.00	0.00	0.00	536,491.84
Noncurrent Liabilities						
Long-term Debt	0.00	22,233,314.18	0.00	0.00	0.00	22,233,314.18
Lease Liability	27,219.55	223,390.70	0.00	0.00	0.00	250,610.25
Deferred Revenue	0.00	60,168,517.50	0.00	0.00	0.00	60,168,517.50
Total Liabilities	<u>(235,977.01)</u>	<u>84,526,688.17</u>	<u>164,085.84</u>	<u>6,884,050.75</u>	<u>192,857.14</u>	<u>91,531,704.89</u>
Fund Equity						
Contributed Capital	0.00	20,920,507.03	0.00	0.00	0.00	20,920,507.03
Retained Earnings	6,431,774.72	44,794,169.15	389,473.60	2,159,833.33	4,164,775.99	57,940,026.79
Revenue Over/Under Expenditures	(1,473,226.92)	2,794,241.05	(299,364.81)	(271,797.99)	112,515.54	862,366.87
Total Fund Equity	<u>4,958,547.80</u>	<u>68,508,917.23</u>	<u>90,108.79</u>	<u>1,888,035.34</u>	<u>4,277,291.53</u>	<u>79,722,900.69</u>
Total Liabilities & Fund Equity	<u><u>\$4,722,570.79</u></u>	<u><u>\$153,035,605.40</u></u>	<u><u>\$254,194.63</u></u>	<u><u>\$8,772,086.09</u></u>	<u><u>\$4,470,148.67</u></u>	<u><u>\$171,254,605.58</u></u>

Santa Ana Watershed Project Authority
Revenue & Expenses by Fund Type
For the Eleven Months Ending Wednesday, May 31, 2023

	General Fund	Brine Line Enterprise	Capital Projects	OWOW Projects	Roundtable Projects	Fund Totals
Operating Revenue						
Discharge Fees	\$0.00	\$11,289,313.38	\$0.00	\$0.00	\$0.00	\$11,289,313.38
Grant Proceeds	0.00	0.00	0.00	8,209,733.99	0.00	8,209,733.99
Financing Proceeds	0.00	0.00	0.00	0.00	191,540.03	191,540.03
Total Operating Revenue	<u>0.00</u>	<u>11,289,313.38</u>	<u>0.00</u>	<u>8,209,733.99</u>	<u>191,540.03</u>	<u>19,690,587.40</u>
Operating Expenses						
Labor	1,919,645.80	1,069,270.68	6,959.18	551,719.26	137,683.76	3,685,278.68
Benefits	581,135.62	449,093.72	2,922.84	231,722.09	57,827.20	1,322,701.47
Indirect Costs	0.00	1,719,387.21	11,190.37	887,164.54	221,395.43	2,839,137.55
Education & Training	20,864.56	1,236.00	0.00	115.61	0.00	22,216.17
Consulting & Professional Services	280,136.50	88,761.64	239,698.42	665,593.90	853,095.58	2,127,286.04
Operating Costs	1,794.73	2,656,752.30	0.00	1,291.17	141.11	2,659,979.31
Repair & Maintenance	57,450.66	89,811.28	0.00	0.00	0.00	147,261.94
Phone & Utilities	50,842.16	8,716.98	0.00	0.00	0.00	59,559.14
Equipment & Computers	207,059.24	53,508.17	0.00	2,000.00	0.00	262,567.41
Meeting & Travel	41,122.92	2,054.89	0.00	8,396.36	267.53	51,841.70
Other Administrative Costs	154,732.96	85,039.04	0.00	18,629.38	10,242.14	268,643.52
Indirect Costs Applied	(2,843,950.36)	0.00	0.00	0.00	0.00	(2,843,950.36)
Other Expenses	69,006.58	172,244.30	38,594.00	0.00	0.00	279,844.88
Construction	0.00	0.00	0.00	7,599,137.86	0.00	7,599,137.86
Total Operating Expenses	<u>539,841.37</u>	<u>6,395,876.21</u>	<u>299,364.81</u>	<u>9,965,770.17</u>	<u>1,280,652.75</u>	<u>18,481,505.31</u>
Operating Income (Loss)	(539,841.37)	4,893,437.17	(299,364.81)	(1,756,036.18)	(1,089,112.72)	1,209,082.09
Nonoperating Income (Expense)						
Member Contributions	725,435.00	0.00	0.00	1,324,325.00	20,000.00	2,069,760.00
Participant Fees	0.00	0.00	0.00	143,900.00	1,138,155.00	1,282,055.00
Interest Income	59,042.94	1,552,814.69	0.00	16,013.18	30,882.97	1,658,753.78
Interest Expense - Debt Service	0.00	(514,300.57)	0.00	0.00	0.00	(514,300.57)
Other Income	7,240.91	39,298.41	0.00	0.00	0.00	46,539.32
Retiree Medical Benefits	(77,861.10)	0.00	0.00	0.00	0.00	(77,861.10)
Total Nonoperating Income (Expense)	<u>713,857.75</u>	<u>1,077,812.53</u>	<u>0.00</u>	<u>1,484,238.18</u>	<u>1,189,037.97</u>	<u>4,464,946.43</u>
Excess Rev over (under) Exp	<u>\$174,016.38</u>	<u>\$5,971,249.70</u>	<u>(\$299,364.81)</u>	<u>(\$271,798.00)</u>	<u>\$99,925.25</u>	<u>\$5,674,028.52</u>

Aging Report
 Santa Ana Watershed Project Authority
 Receivables as of June 30, 2023

Customer Name	Project	Total	0-30 Days	31-60 Days	61 and Over
Chino Basin Desalter Authority	Brine Line	177,521.05		177,521.05	
Corona, City of	Weather Modification	5,000.00			5,000.00
Department of Water Resources	Prop 84, Prop 1	7,625,357.35		209,643.84	7,415,713.51
Eastern Municipal Water District	Brine Line	200,152.89		200,152.89	
Inland Empire Utilities Agency	Brine Line	108,893.08		108,893.08	
Lake Elsinore & San Jacinto Watersheds Authority	LESJWA Administration	23,494.96	12,030.83	11,464.13	
Rialto BioEnergy	Brine Line	318,374.48	8,896.88	8,896.88	300,580.72
Riverside, City of	WECAN	6,714.58			6,714.58
San Bernardino Valley Municipal Water District	Brine Line	147,963.45		147,963.45	
Western Municipal Water District	Brine Line	347,360.57	10,200.00	337,160.57	
Total Accounts Receivable		8,960,832.41	31,127.71	1,201,695.89	7,728,008.81

Santa Ana Watershed Project Authority
Open Task Orders Schedule
Jun-23
(Reflects Invoices Received as of 07/13/2023)

Task Order No. Project Contracts	Fund No.	Vendor Name	Task Description	Begin Date	End Date	Original Contract	Change Orders	Total Contract	Billed To Date	Contract Balance	SAWPA Manager	Comments
ACS100-26	100-00	Accent Computer Solutions	IT Services	01/01/2023	12/31/2026	\$ 288,000.00	\$ -	\$ 288,000.00	\$ 46,156.87	\$ 241,843.13	Dean Unger	
BGB100-02	100-00	BGB Design Group	SAWPA Irrigation Replacement and Landscape Refresh	05/16/2023	06/30/2024	\$ 6,520.00	\$ -	\$ 6,520.00	\$ -	\$ 6,520.00	Edina Goode	
FEBR100-01	100-00	Fedak & Brown, LLP	Professional Audit Services	04/19/2022	06/30/2023	\$ 79,980.00	\$ -	\$ 78,980.00	\$ 20,800.00	\$ 58,180.00	Karen Williams	
FOST100-01	100-00	Foster & Foster	GASB 68 Cost-Sharing Risk Pool Plan for 2023	03/01/2023	06/30/2024	\$ 1,600.00	\$ -	\$ 1,600.00	\$ -	\$ 1,600.00	Karen Williams	
GPA100-01	100-00	Gillis & Panichapan Architects	SAWPA Building Renovations	10/13/2020	12/31/2023	\$ 45,200.00	\$ 27,500.00	\$ 72,700.00	\$ 64,941.65	\$ 7,758.35	Edina Goode	
GPA100-02	100-00	Gillis & Panichapan Architects	Lobby Security Improvements - Bid Documents and Support	04/19/2023	04/18/2024	\$ 74,600.00	\$ -	\$ 74,600.00	\$ 13,550.00	\$ 61,050.00	Edina Goode	
INSOL100-19	100-00	Integrated Systems Solutions	HRIS - Greenshades	03/01/2022	12/31/2023	\$ 17,294.06	\$ 11,323.30	\$ 28,617.36	\$ 23,279.02	\$ 5,338.34	Edina Goode	
INSOL100-20	100-00	Integrated Systems Solutions	Great Plains and Journyx Support	07/01/2022	06/30/2023	\$ 5,000.00	\$ -	\$ 5,000.00	\$ 3,829.50	\$ 1,170.50	Dean Unger	
KON100-08	100-00	Konica Minolta	Copiers and Scanners Lease	01/15/2021	01/15/2025	\$ 29,040.00	\$ -	\$ 29,040.00	\$ 19,523.24	\$ 9,516.76	Dean Unger	
LSGK100-11	100-00	Lagerlof, LLP	Legal Services	07/01/2022	06/30/2023	\$ 99,830.00	\$ -	\$ 99,830.00	\$ 37,418.50	\$ 62,411.50	Jeff Mosher	
NEO100-01	100-00	NEOGOV	NEOGOV and Governmentjobs.com	05/17/2023	06/30/2025	\$ 13,527.00	\$ -	\$ 13,527.00	\$ -	\$ 13,527.00	Edina Goode	
NICO100-09	100-00	Nicolay Consulting Group	GASB 75 Interim Valuation	05/22/2023	06/01/2024	\$ 2,500.00	\$ -	\$ 2,500.00	\$ -	\$ 2,500.00	Karen Williams	
NICO100-10	100-00	Nicolay Consulting Group	Actuarial Valuation for Adding Retiree Medical Benefits	06/19/2023	06/30/2024	\$ 4,500.00	\$ -	\$ 4,500.00	\$ -	\$ 4,500.00	Karen Williams	
SOL100-14	100-00	Sol Media	Website Related Changes - Project Specific	07/01/2022	06/30/2023	\$ 14,400.00	\$ -	\$ 14,400.00	\$ 14,100.00	\$ 300.00	Dean Unger	
BMH100-02	100-03	Bell, McAndrews, & Hiltachk	FPPC Lobby Reporting	07/01/2022	06/30/2023	\$ 1,320.00	\$ -	\$ 1,320.00	\$ 1,304.00	\$ 16.00	Karen Williams	
WCA100-03-05	100-03	West Coast Advisors	State Legislative Consulting Services	01/01/2023	12/31/2023	\$ 117,000.00	\$ -	\$ 117,000.00	\$ 68,250.00	\$ 48,750.00	Jeff Mosher	
WO2023-1	240	E S Babcock	Wastewater Sample Collection and Analysis	07/01/2022	06/30/2023	\$ 81,483.00	\$ -	\$ 81,483.00	\$ 60,465.52	\$ 21,017.48	David Ruhl	
DOUG240-04	240	Douglas Environmental	On-Call Brine Line Flow Meter Calibration	07/01/2021	06/30/2023	\$ 21,575.00	\$ 1,350.00	\$ 22,925.00	\$ 17,935.00	\$ 4,990.00	Daniel Vasquez	
DUDK240-07	240	Dudek	Inland Empire Brine Line Master Plan	11/01/2022	12/31/2023	\$ 399,980.00	\$ -	\$ 399,980.00	\$ 75,711.39	\$ 324,268.61	David Ruhl	
DUDK240-08	240	Dudek	Hydraulic Modeling Assistance	03/27/2023	06/30/2023	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 3,265.00	\$ 16,735.00	David Ruhl	
HAZ240-11	240	Haz Mat Trans Inc	Line Draining & Emergency Response	07/01/2021	06/30/2023	\$ 139,360.00	\$ -	\$ 139,360.00	\$ 37,021.25	\$ 102,338.75	Daniel Vasquez	
HAZ240-12	240	Haz Mat Trans Inc	BL Debris Hauling & Disposal Services	07/01/2021	06/30/2023	\$ 63,990.00	\$ -	\$ 63,990.00	\$ -	\$ 63,990.00	Daniel Vasquez	
INN240-04	240	Innerline Engineering	Brine Line On-Call Inspection Services	07/01/2021	06/30/2023	\$ 99,050.00	\$ -	\$ 99,050.00	\$ 15,616.38	\$ 83,433.62	Daniel Vasquez	
INN240-05	240	Innerline Engineering	Brine Line Pipeline Cleaning Services	07/01/2022	06/30/2024	\$ 264,880.00	\$ -	\$ 264,880.00	\$ 25,762.50	\$ 239,117.50	Daniel Vasquez	
TKE240-03	240	TKE Engineering & Planning	On-Call Brine Line Land Surveying	07/01/2021	06/30/2023	\$ 36,800.00	\$ -	\$ 36,800.00	\$ -	\$ 36,800.00	David Ruhl	
DUDK320-03-05	320-03	Dudek	Agua Mansa Lateral Design	09/01/2022	06/30/2023	\$ 87,440.00	\$ 12,000.00	\$ 99,440.00	\$ 99,410.08	\$ 29.92	David Ruhl	
W&C320-01	320-03	Woodard & Curran	Reach IV & IV-B DIP Condition Assessment	02/01/2023	11/22/2023	\$ 392,356.00	\$ -	\$ 392,356.00	\$ 153,627.86	\$ 238,728.14	Daniel Vasquez	
GECO370-01	370-02	Geosyntec Consultants	Stormwater Assessment Proposal	06/01/2022	06/30/2023	\$ 22,200.00	\$ -	\$ 22,200.00	\$ 21,840.25	\$ 359.75	Rachel Gray	110
DUDK373-07	373	Dudek	Grant Application Support for IRWM	10/04/2022	10/31/2023	\$ 22,200.00	\$ -	\$ 80,830.00	\$ 54,783.75	\$ 26,046.25	Ian Achimore	

Santa Ana Watershed Project Authority
Open Task Orders Schedule
Jun-23
(Reflects Invoices Received as of 07/13/2023)

Task Order No. Project Contracts	Fund No.	Vendor Name	Task Description	Begin Date	End Date	Original Contract	Change Orders	Total Contract	Billed To Date	Contract Balance	SAWPA Manager	Comments
RINC373-01	373	Rincon Consultants	ICARP RRGF Strategic Planning and Grant Assistance	03/15/2023	09/30/2023	\$ 49,632.00	\$ -	\$ 49,632.00	\$ 27,393.00	\$ 22,239.00	Rachel Gray	
WSC373-01	373	Water Systems Consulting	FYE 2023 Roundtable of Regions Network Coordinator	07/01/2022	06/30/2023	\$ 72,900.00	\$ -	\$ 72,900.00	\$ 51,137.35	\$ 21,762.65	Ian Achimore	
KSC374-02	374	Kahn, Soares, & Conway	Basin Monitoring TF Regulatory Support	07/01/2021	06/30/2023	\$ 116,000.00	\$ -	\$ 116,000.00	\$ 98,577.50	\$ 17,422.50	Rachel Gray	
WEST374-01	374	West Yost	Workplan for Basin Monitoring Program TF Planning	07/01/2021	03/31/2024	\$ 339,102.00	\$ 88,105.00	\$ 427,207.00	\$ 398,129.53	\$ 29,077.47	Rachel Gray	
WEST374-02	374	West Yost	Ambient Water Quality Pilot Study for Nitrogen and TDS	01/01/2023	12/31/2023	\$ 339,960.00	\$ -	\$ 339,960.00	\$ 166,036.79	\$ 173,923.21	Rachel Gray	
CDM377-01	377-01	CDM Smith	PFAS Regional Analysis for Upper Santa Ana River Watershed	07/01/2022	09/30/2023	\$ 323,825.00	\$ -	\$ 323,825.00	\$ 323,825.00	\$ -	Rachel Gray	
DRI378-01	378	Board of Regents of the Nevada System of Higher Education	Weather Modification Pilot Validation	10/26/2022	10/17/2027	\$ 155,000.00	\$ -	\$ 155,000.00	\$ 8,528.35	\$ 146,471.65	Rachel Gray	
NAWC370-03	378	North American Weather Consultants	SAR Weather Modification Pilot Operations	07/01/2022	06/30/2026	\$ 1,061,912.00	\$ -	\$ 1,061,912.00	\$ 73,425.00	\$ 988,487.00	Rachel Gray	
SAWA381-01	381	Santa Ana Watershed Association	Van Buren Bridge Sucker Restoration	09/26/2018	10/31/2023	\$15,130.20	\$21,967.36	\$37,097.56	\$33,230.29	\$3,867.27	Ian Achimore	
GEI384-02	384-01	GEI Consultants	MSAR TMDL - Limited Basin Plan Amendment Revisions	07/01/2022	06/30/2024	\$ 67,000.00	\$ -	\$ 67,000.00	\$ 36,066.25	\$ 30,933.75	Rick Whetsel	
KSC384-02	384-01	Kahn, Soares, & Conway	MSAR Pathogen TMDL TF Regulatory Support	07/01/2021	06/30/2023	\$ 149,750.00	\$ -	\$ 149,750.00	\$ 69,251.64	\$ 80,498.36	Rick Whetsel	
CDM386-16	386	CDM Smith	Implementation of SAR Regional Bacteria Monitoring Program	01/01/2021	09/30/2024	\$ 1,070,535.00	\$ 56,065.00	\$ 1,126,600.00	\$ 750,884.14	\$ 375,715.86	Rick Whetsel	
IERCD387-01	387	Inland Empire Resource Conservation District	Arundo Donax Removal in the SAR Basin Headwaters	07/19/2022	12/31/2027	\$ 147,777.07	\$ -	\$ 147,777.07	\$ 30,453.96	\$ 117,323.11	Ian Achimore	
JPW392-01	392	JPW Communications	Emerging Constituents Program Social Media Support	07/01/2020	06/30/2023	\$ 105,000.00	\$ -	\$ 105,000.00	\$ 104,624.95	\$ 375.05	Rachel Gray	
KSC392-02	392	Kahn, Soares, & Conway	Emerging Constituents Program TF Regulatory Support	07/01/2021	06/30/2023	\$ 46,500.00	\$ -	\$ 46,500.00	\$ 14,410.00	\$ 32,090.00	Rachel Gray	
QUAN504-01	504-04	Quantum Spatial, Inc.	Water Efficiency Budget Assistance	02/10/2021	09/30/2023	\$ 594,387.00	\$ 20,000.00	\$ 614,387.00	\$ -	\$ 614,387.00	Ian Achimore	
RMC504-401-09	504-04	Woodard & Curran	SARCCUP Program Mgmt. Services	07/01/2022	06/30/2023	\$ 84,030.00	\$ -	\$ 84,030.00	\$ 46,005.00	\$ 38,025.00	Ian Achimore	

\$ 4,375,435.48

LIST OF SAWPA FUNDS

Fund No.	Fund Description	Fund Group
100-00	General Fund	General
100-03	State Legislative/Regulatory Outreach	General
100-04	Federal Legislative/Regulatory Outreach	General
145	Proposition 84 – Program Management – 2015 Round	OWOW
150	Proposition 1 – Program Management	OWOW
240	Brine Line Enterprise	Brine Line
320-01	Brine Line Protection – Downstream Prado	Capital Projects
320-03	Brine Line Protection Above Prado	Capital Projects
320-04	Brine Line Protection D/S Prado in Riverside County	Capital Projects
327	Reach IV-D Corrosion Repair	Capital Projects
328	Aqua Mansa Lateral Project	Capital Projects
370-01	Basin Planning General	OWOW
370-02	USBR Partnership Studies	OWOW
373	Watershed Management (OWOW)	OWOW
374	Basin Monitoring Program Task Force	Roundtable
377	PFAS Study	OWOW
378	Weather Modification	OWOW
381	Santa Ana River Fish Conservation	Roundtable
384-01	MSAR TMDL Task Force	Roundtable
386	Regional Water Quality Monitoring Task Force	Roundtable
387	Arundo Management & Habitat Restoration	Roundtable
392	Emerging Constituents Task Force	Roundtable
397	Energy – Water DAC Grant Project	OWOW
398	DCI 2021 Drought Relief Grant	OWOW
477	LESJWA Administration	Roundtable
504-01	Proposition 84 – Capital Projects Round 1 & 2	OWOW
504-04	Proposition 84 – Final Round SARCCUP	OWOW
505-00	Proposition 1 – SAWPA Capital Projects	OWOW
505-01	Proposition 1 – Round I Capital Projects	OWOW

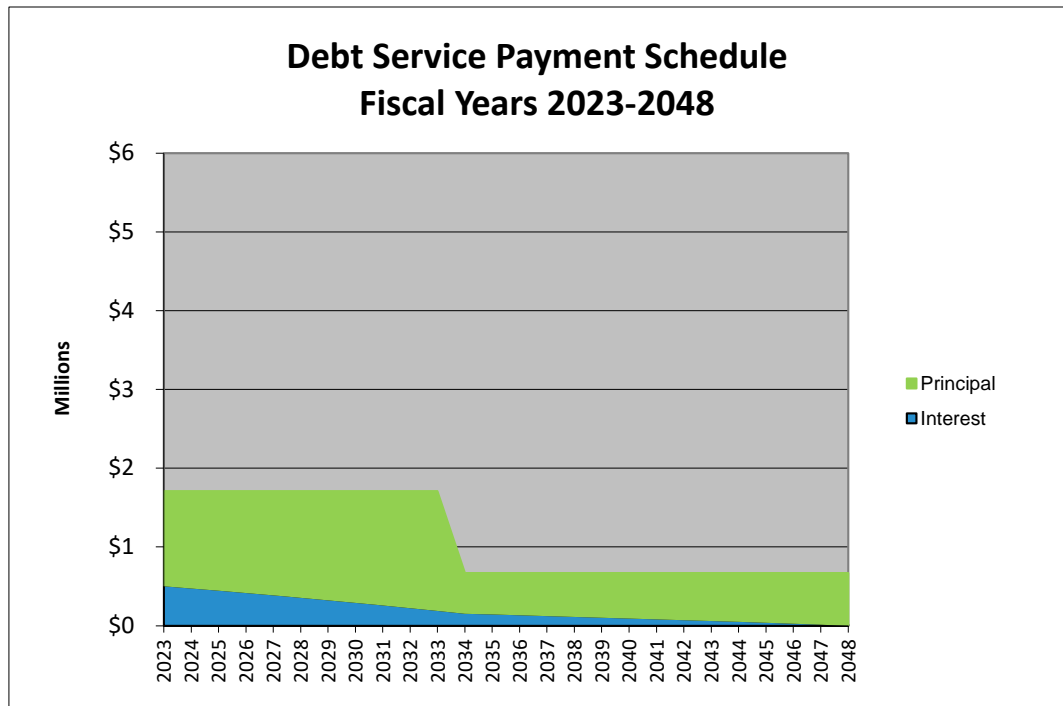
Santa Ana Watershed Project Authority
 Brine Line Debt Service Funding Analysis
 June 30, 2023

FYE	Rates	Loan Pymts	Interest Earned *	Excess Cash	Ending Cash Balance
Beginning Balance					2,829,589
2023	1,709,476	(1,709,476)	61,694	61,694	2,891,283
2024	1,709,476	(1,709,476)	57,826	57,826	2,949,109
2025	1,709,476	(1,709,476)	58,982	58,982	3,008,091
2026	1,709,476	(1,709,476)	60,162	60,162	3,068,253
2027	1,709,476	(1,709,476)	61,365	61,365	3,129,618
2028	1,709,476	(1,709,476)	62,592	62,592	3,192,210
2029	1,709,476	(1,709,476)	63,844	63,844	3,256,055
2030	1,709,476	(1,709,476)	65,121	65,121	3,321,176
2031	1,709,476	(1,709,476)	66,424	66,424	3,387,599
2032	1,709,476	(1,709,476)	67,752	67,752	3,455,351
2033	1,709,476	(1,709,476)	69,107	69,107	3,524,458
2034	665,203	(665,203)	70,489	70,489	3,594,947
2035	665,203	(665,203)	71,899	71,899	3,666,847
2036	665,203	(665,203)	73,337	73,337	3,740,183
2037	665,203	(665,203)	74,804	74,804	3,814,988
2038	665,203	(665,203)	76,300	76,300	3,891,287
2039	665,203	(665,203)	77,826	77,826	3,969,113
2040	665,203	(665,203)	79,382	79,382	4,048,495
2041	665,203	(665,203)	80,970	80,970	4,129,465
2042	665,203	(665,203)	82,589	82,589	4,212,054
2043	665,203	(665,203)	84,241	84,241	4,296,295
2044	665,203	(665,203)	85,926	85,926	4,382,221
2045	665,203	(665,203)	87,644	87,644	4,469,865
2046	665,203	(665,203)	89,397	89,397	4,559,263
2047	665,203	(665,203)	91,185	91,185	4,650,448
2048	665,203	(665,203)	93,009	93,009	4,743,457
	28,782,271	(28,782,271)	1,913,868	1,913,868	-

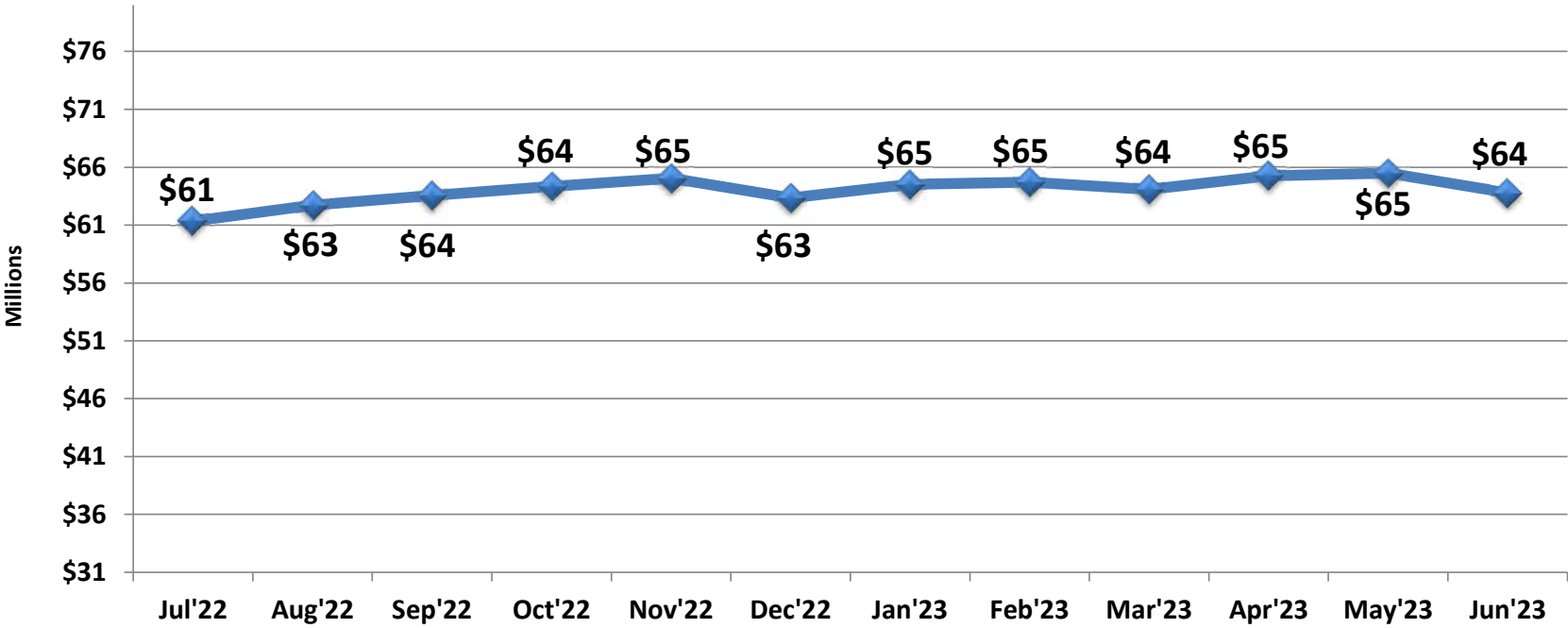
*Interest earned is based on a conservative 2.00% average return over the period

Santa Ana Watershed Project Authority
 Brine Line Debt Service Payment Schedule
 June 30, 2023

FYE	Interest	Principal	Total Payment	Remaining Principal
2023	514,301	1,195,175	1,709,476	22,233,314
2024	486,080	1,223,395	1,709,476	21,009,919
2025	457,181	1,252,295	1,709,476	19,757,624
2026	427,585	1,281,891	1,709,476	18,475,733
2027	397,276	1,312,199	1,709,476	17,163,534
2028	366,237	1,343,239	1,709,476	15,820,295
2029	334,449	1,375,027	1,709,476	14,445,268
2030	301,894	1,407,582	1,709,476	13,037,686
2031	268,553	1,440,923	1,709,476	11,596,763
2032	234,407	1,475,068	1,709,476	10,121,694
2033	199,437	1,510,039	1,709,476	8,611,656
2034	163,621	501,581	665,203	8,110,075
2035	154,091	511,111	665,203	7,598,964
2036	144,380	520,822	665,203	7,078,141
2037	134,485	530,718	665,203	6,547,424
2038	124,401	540,801	665,203	6,006,622
2039	114,126	551,077	665,203	5,455,545
2040	103,655	561,547	665,203	4,893,998
2041	92,986	572,217	665,203	4,321,782
2042	82,114	583,089	665,203	3,738,693
2043	71,035	594,167	665,203	3,144,526
2044	59,746	605,457	665,203	2,539,069
2045	48,242	616,960	665,203	1,922,109
2046	36,520	628,682	665,203	1,293,427
2047	24,575	640,627	665,203	652,799
2048	12,403	652,799	665,203	(0)



Total Cash & Investments





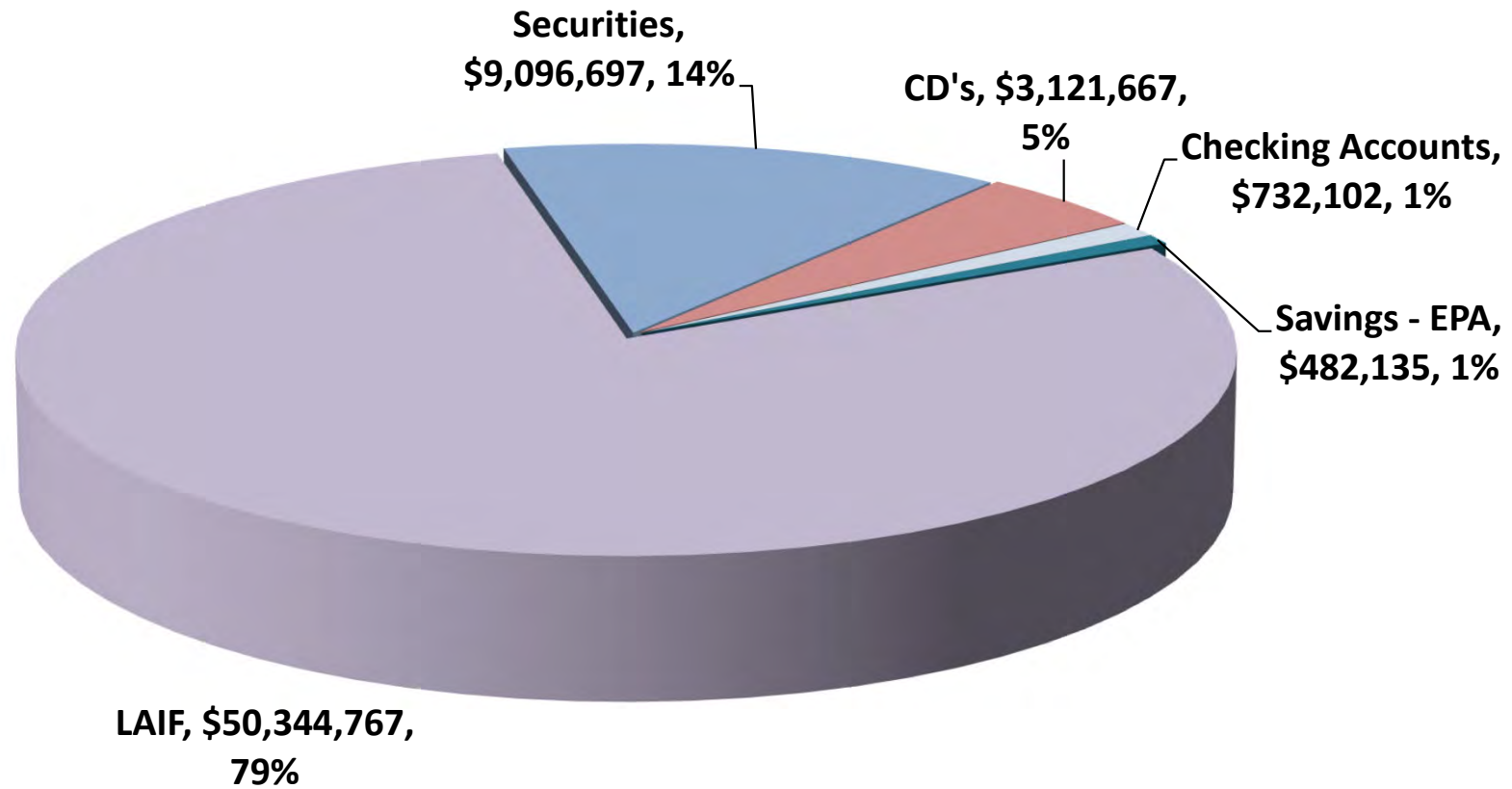
CASH BALANCE & SOURCE OF FUNDS

June 30, 2023

Fund Accounts		Cash and Investments					
	Total	Checking (Cash)	LAIF Account	Savings EPA	Investment Securities	Certificates of Deposit	Total
100 General Fund	\$ 1,496,265	732,102	764,163	-	-	-	\$ 1,496,265
100 Building Reserve	\$ 737,493	-	737,493	-	-	-	\$ 737,493
370 Basin Planning General	\$ 118,237	-	118,237	-	-	-	\$ 118,237
370 USBR Partnership Studies	\$ 25,896	-	25,896	-	-	-	\$ 25,896
373 Watershed Management Plan	\$ 224,429	-	224,429	-	-	-	\$ 224,429
240 Brine Line Debt Retirement	\$ 2,876,283	-	2,876,283	-	-	-	\$ 2,876,283
240 Brine Line - Pipeline Replacement & Capital Improvement	\$ 32,305,799	-	20,087,435	-	9,096,697	3,121,667	\$ 32,305,799
240 Brine Line - OC San Pipeline Rehabilitation	\$ 2,429,092	-	2,429,092	-	-	-	\$ 2,429,092
240 Brine Line - Pipeline Capacity Management	\$ 12,232,268	-	12,232,268	-	-	-	\$ 12,232,268
240 Brine Line - OC San Future Treatment & Disposal Capacity	\$ 1,872,800	-	1,872,800	-	-	-	\$ 1,872,800
240 Brine Line - Operating Reserve	\$ 2,302,489	-	2,302,489	-	-	-	\$ 2,302,489
240 Brine Line - Operating Cash	\$ 3,191,159	-	3,191,159	-	-	-	\$ 3,191,159
401 Legal Defense Fund	\$ 482,135	-	-	482,135	-	-	\$ 482,135
374 Basin Monitoring Program TF	\$ 490,180	-	490,180	-	-	-	\$ 490,180
377 PFAS Study	\$ 2,033	-	2,033	-	-	-	\$ 2,033
378 Weather Modification	\$ 64,193	-	64,193	-	-	-	\$ 64,193
381 SAR Fish Conservation	\$ 105,493	-	105,493	-	-	-	\$ 105,493
384 Middle SAR TMDL TF	\$ 289,054	-	289,054	-	-	-	\$ 289,054
386 RWQ Monitoring TF	\$ 149,352	-	149,352	-	-	-	\$ 149,352
387 Mitigation Bank Credits	\$ 808,607	-	808,607	-	-	-	\$ 808,607
392 Emerging Constituents TF	\$ 137,246	-	137,246	-	-	-	\$ 137,246
504 Prop 84 - SARCCUP Projects	\$ 1,346,837	-	1,346,837	-	-	-	\$ 1,346,837
505 Prop 1 - Capital Projects	\$ 52,153	-	52,153	-	-	-	\$ 52,153
505 Prop 1 - Capital Projects - Passthrough	\$ 37,875	-	37,875	-	-	-	\$ 37,875
	\$ 63,777,368	\$ 732,102	\$ 50,344,767	\$ 482,135	\$ 9,096,697	\$ 3,121,667	\$ 63,777,368

Cash & Investments - June 2023

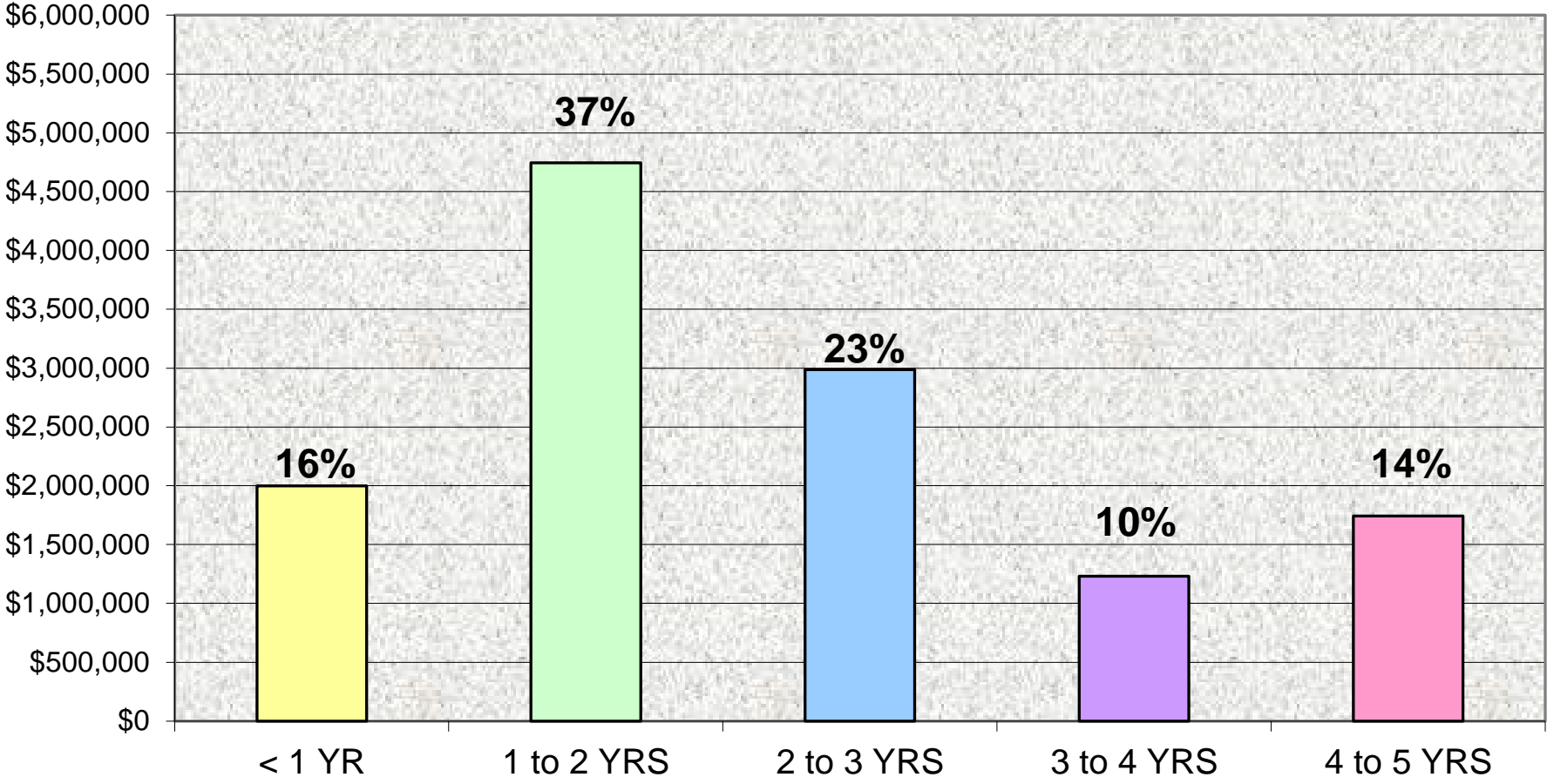
\$63,777,368



Santa Ana Watershed Project Authority
Reserve Account Analysis
June 30, 2023

Reserve Account	Balance @ 6/30/2022	Interest Earned	Fund Receipts/ Contributions	Transfers	Inter-Fund Loans	Fund Expenses	Balance @ 6/30/2023
Brine Line Operating Cash	1,616,906	84,341	12,766,302			(11,276,390)	3,191,159
Brine Line Operating Reserve	2,189,602	32,525	80,361				2,302,489
Flow Imbalance Reserve	84,572	862		(85,435)			-
OC San Future Treatment & Disposal Capacity	1,842,396	30,403					1,872,799
Pipeline Capacity Management	12,033,687	198,581					12,232,268
Rate Stabilization Reserve	1,032,428	10,529		(1,042,957)			-
Pipeline Replacement & Capital Investment	24,758,505	507,015	1,727,975	5,525,046		(212,742)	32,305,799
OC San Pipeline Rehabilitation	2,389,658	39,434					2,429,092
Debt Retirement	2,829,589	46,694					2,876,283
Self Insurance	4,352,284	44,370		(4,396,654)			-
General Fund	1,699,671	56,059	754,444		(748,541)	(265,369)	1,496,265
Building Reserve	746,799	13,154	100,000			(122,460)	737,493
	<u>55,576,098</u>	<u>1,063,968</u>	<u>15,429,082</u>	<u>-</u>	<u>(748,541)</u>	<u>(11,876,960)</u>	<u>59,443,647</u>

Twelve Month Maturity Schedule Securities

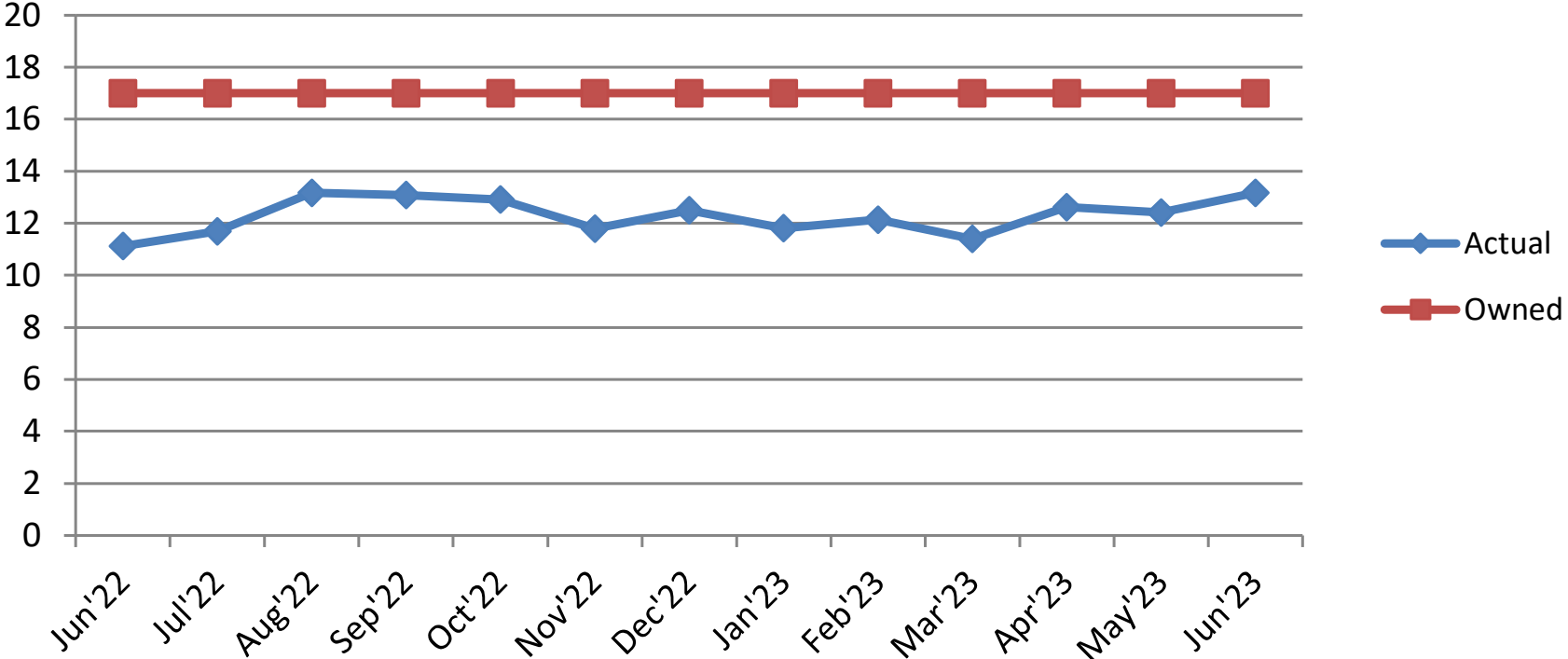


SAWPA
TREASURER'S REPORT
As of June 30, 2023

Investment Commercial
Safekeeping US Bank

Type	Security	Purchase Date	Maturity Date	Unit Cost	Cost	Principal	Current Value	Market Value	Interest Rate	
Agency	FHLB	2/4/2020	12/13/2024	106.25	\$ 531,250.00	\$ 500,000.00	\$ 500,000.00	482,032.32	2.750%	
Agency	FHLB	6/21/2022	6/28/2024	99.11	\$ 991,130.00	\$ 1,000,000.00	\$ 1,000,000.00	973,851.49	2.750%	
Agency	FHLB	8/30/2022	11/27/2024	100.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	976,372.05	2.650%	
Agency	FHLB	10/28/2022	10/3/2024	99.89	\$ 998,910.00	\$ 1,000,000.00	\$ 1,000,000.00	989,365.52	4.500%	
Agency	FHLB	11/4/2022	9/10/2027	99.20	\$ 991,965.00	\$ 1,000,000.00	\$ 1,000,000.00	987,343.89	4.125%	
Agency	FHLB	6/6/2023	12/13/2024	99.99	\$ 499,966.50	\$ 500,000.00	\$ 500,000.00	495,478.14	4.625%	
Agency	FHLB	6/6/2023	6/17/2023	100.50	\$ 502,505.00	\$ 500,000.00	\$ 500,000.00	494,757.27	4.000%	
Agency	FNMA	2/4/2020	1/7/2025	101.08	\$ 505,380.00	\$ 500,000.00	\$ 500,000.00	473,862.40	1.625%	
Agency	FNMA	10/30/2020	8/25/2025	99.53	\$ 995,952.00	\$ 1,000,000.00	\$ 1,000,000.00	909,511.45	0.375%	
Agency	USTN	4/19/2021	11/30/2025	98.25	\$ 982,500.00	\$ 1,000,000.00	\$ 1,000,000.00	902,187.50	0.375%	
Agency	USTN	9/15/2021	5/31/2025	99.58	\$ 989,726.56	\$ 1,000,000.00	\$ 1,000,000.00	914,609.38	0.250%	
CORP	Toyota Motor Credit Corp.	10/15/2018	9/20/2023	99.55	\$ 497,747.50	\$ 500,000.00	\$ 500,000.00	497,325.62	3.450%	
CD	American Express Natl Bank	8/17/2022	8/19/2024	100.00	\$ 245,000.00	\$ 245,000.00	\$ 245,000.00	239,330.16	3.350%	
CD	Beal Bank USA	8/17/2022	8/12/2026	100.00	\$ 245,000.00	\$ 245,000.00	\$ 245,000.00	229,760.86	3.200%	
CD	Synchrony Bank	8/12/2022	8/12/2025	100.00	\$ 245,000.00	\$ 245,000.00	\$ 245,000.00	235,045.09	3.350%	
CD	Capital One Bank USA	5/25/2022	5/25/2027	100.00	\$ 246,000.00	\$ 246,000.00	\$ 246,000.00	227,866.41	3.200%	
CD	Morgan Stanley Private Bank	11/15/2022	11/15/2027	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	245,287.78	5.000%	
CD	Prime Alliance Bank	11/17/2022	11/17/2027	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	244,803.75	4.950%	
CD	Cooperative Center FSU	12/29/2022	12/29/2025	100.00	\$ 249,000.00	\$ 249,000.00	\$ 249,000.00	244,641.81	4.650%	
CD	Affinity Bank	3/17/2023	3/17/2028	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	244,087.47	4.900%	
CD	Discover Bank	3/22/2023	3/23/2027	100.00	\$ 243,000.00	\$ 243,000.00	\$ 243,000.00	240,724.92	5.050%	
CD	Global Fed CR UN - Alaska	5/12/2023	5/12/2027	100.00	\$ 249,000.00	\$ 249,000.00	\$ 249,000.00	242,800.99	4.600%	
CD	UBS Bank USA	5/17/2023	5/17/2027	100.00	\$ 249,000.00	\$ 249,000.00	\$ 249,000.00	242,356.75	4.550%	
CD	BMW Bank of North America	6/16/2023	6/16/2026	100.00	\$ 244,000.00	\$ 244,000.00	\$ 244,000.00	238,699.25	4.600%	
CD	Alliant Credit Union	12/30/2022	12/30/2025	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	246,261.85	5.100%	
\$12,694,032.56							\$ 12,707,000.00	\$12,707,000.00	12,218,364.12	3.519%

Average Daily Flow by Month





SUMMARY OF LABOR MULTIPLIERS

		Benefit Rate
Total Employee Benefits	1,450,679	0.362
Total Payroll	4,005,652	
Gross Indirect Costs	3,900,708	
Less: Member Contributions & Other Revenue	(695,991)	
Indirect Costs for Distribution	3,204,717	
		Indirect Rate
Direct Labor	1,978,122	1.620
Indirect Costs	3,204,717	
FY 2022-23 Labor multiplier - thru 06/30/23		1.982
FY 2022-23 Budgeted Labor multiplier		<u>2.028</u>
FY 2021-22 Labor multiplier		<u>1.993</u>
FY 2020-21 Labor multiplier		<u>1.724</u>
FY 2019-20 Labor multiplier		<u>2.309</u>



INDIRECT COSTS

(to be Distributed)

G/L Acct.	Description	Actual thru 6/30/23
51000	Salaries - Regular	\$ 2,027,530
52000	Benefits	\$ 851,563
60111	Tuition Reimbursement	\$ -
60112	Training	\$ 12,289
60113	Education	\$ 1,374
60114	Other Training & Education	\$ 9,199
60120	Audit Fees	\$ 20,800
60121	Consulting	\$ 130,211
60126	Temporary Services	\$ 4,494
60128	Other Professional Services	\$ 700
60129	Other Contract Services	\$ -
60130	Legal Fees	\$ 21,540
60133	Employment Recruitment	\$ 872
60153	Materials & Supplies	\$ 127
60154	Safety	\$ 2,018
60155	Security	\$ 2,959
60156	Custodial Contract Services	\$ 22,192
60157	Landscaping Maintenance	\$ 18,147
60158	HVAC	\$ 8,912
60159	Facility Repair & Maintenance	\$ 11,787
60160	Telephone	\$ 24,480
60161	Cellular Services	\$ 8,669
60163	Electricity	\$ 18,081
60164	Water Services	\$ 3,153
60170	Equipment Expensed	\$ 9,057
60171	Equipment Rented	\$ 4,314

(Continued - next column)

G/L Acct.	Description	Actual thru 6/30/23
60172	Equipment Repair / Maintenance	\$ 1,706
60180	Computer Hardware	\$ 28,605
60181	Computer Software	\$ 120,895
60182	Internet Services	\$ 23,704
60183	Computer Supplies	\$ 1,662
60184	Computer Repair/Maint	\$ -
60185	Cloud Storage	\$ 18,213
60190	Offsite Meeting/Travel Expense	\$ 3,096
60191	In House Meetings	\$ 248
60192	Conference Expense	\$ 40,774
60193	Car, Repair, Maintenance	\$ -
60200	Dues	\$ 57,827
60202	Subscriptions	\$ 5,739
60203	Contributions	\$ 27,250
60210	Bank Charges	\$ (46)
60211	Shipping/Postage	\$ 794
60212	Office Supplies	\$ 5,718
48000	Commission Fees	\$ 52,280
60221	Commission Mileage Reimb.	\$ 1,318
60222	Other Commission Expense	\$ -
60230	Other Expense	\$ 12,121
60240	Building Lease	\$ 6,024
81010	Retiree Medical Expense	\$ 77,861
80001	Insurance Expense	\$ 75,832
80000	Building Repair/Replacement Reserve	\$ 100,000
80000	Fixed Assets	\$ 24,620

Total Costs \$ 3,900,708

Direct Costs Paid by Projects	\$ 3,302,362
Member Contribution Offset	\$ 475,000
Interest & Other Revenue Offset	\$ 220,991
	\$ 3,998,353

Over (Under) Allocation %	2.4%
Over (Under) Allocation of General Fund Costs	\$ 97,645



BENEFITS SUMMARY

(Distributed based on Actual Labor)

<u>G/L Acct</u>	<u>Description</u>	<u>Budget</u>		<u>Actual @</u> <u>6/30/23</u>
70101	FICA Expense	\$	201,621	\$ 209,283
70102	Medicare Expense	\$	59,017	\$ 58,689
70103	State Unemployment Insurance	\$	4,851	\$ 4,595
70104	Worker's Compensation Insurance	\$	49,120	\$ 54,111
70105	State Disability Insurance	\$	30,010	\$ 29,277
70106	PERS Pension Plan	\$	543,352	\$ 529,351
70111	Medical Expense	\$	677,598	\$ 458,156
70112	Dental Expense	\$	32,526	\$ 25,166
70113	Vision Insurance	\$	8,526	\$ 7,370
70114	Life Insurance Expense	\$	15,528	\$ 15,123
70115	Long Term Disability	\$	18,186	\$ 17,289
70116	Wellness Program Expense	\$	3,900	\$ 2,468
70120	Car Allowance	\$	45,000	\$ 39,800
	Total Benefits	\$	1,689,235	\$ 1,450,679
	Total Payroll	\$	4,025,165	\$ 4,005,652
	Benefits Rate		42.0%	36.2%

Santa Ana Watershed Project Authority
Labor Hours Budget vs Actual
Month Ending June 30, 2023

	Fund	Budget	Actual	%
100	General Fund	27,580	27,416	99.41%
145	Prop 84 - 2015 Program Mgmt	815	1,817	222.91%
150	Prop1 - Program Management	1,240	1,050	84.68%
240	Brine Line Enterprise	20,920	18,035	86.21%
320	Brine Line Protection	704	100	14.20%
327	Reach IV-D Corrosion Repairs	290	-	0.00%
328CONST	Agua Mansa Lateral Construction	-	4	
328DESIG	Agua Mansa Lateral Construction	-	29	
370-01	Basin Planning General	1,690	2,043	120.86%
370-02	USBR Partnership Studies	130	43	32.69%
373	Watershed Management (OWOW)	1,865	1,928	103.39%
374	Basin Monitoring Program TF	575	572	99.39%
377	PFAS Study	-	249	
378	Weather Modification	-	317	
381	SAR Fish Conservation	220	133	60.57%
384-01	MSAR TMDL TF	122	185	151.84%
386MONIT	RWQ Monitoring TF	124	77	61.69%
387	Arundo Removal & Habitat Restoration	215	123	57.21%
392	Emerging Constituents TF	235	149	63.30%
397ADMIN	WECAN Riverside	200	117	58.63%
398RELIE	DACI	-	79	
477-02	LESJWA - Administration	355	428	120.63%
477TMDL	LESJWA - TMDL Task Force	445	578	129.94%
504-401IMPLE	Prop 84 - Final Round Implementation	110	14	12.73%
504-401PA23	Prop 84 - Final Round PA23 Admin	245	91	37.04%
504-402PA22	Prop84 - Final Round PA22 Admin	150	76	50.33%
504-402RATES	Prop 84 - Final Round Water Rates	105	96	90.95%
505-00	Prop1 - Capital Projects	545	245	44.86%
		58,880	55,990	95.09%


Note: Should be at 100% of budget for 12 months

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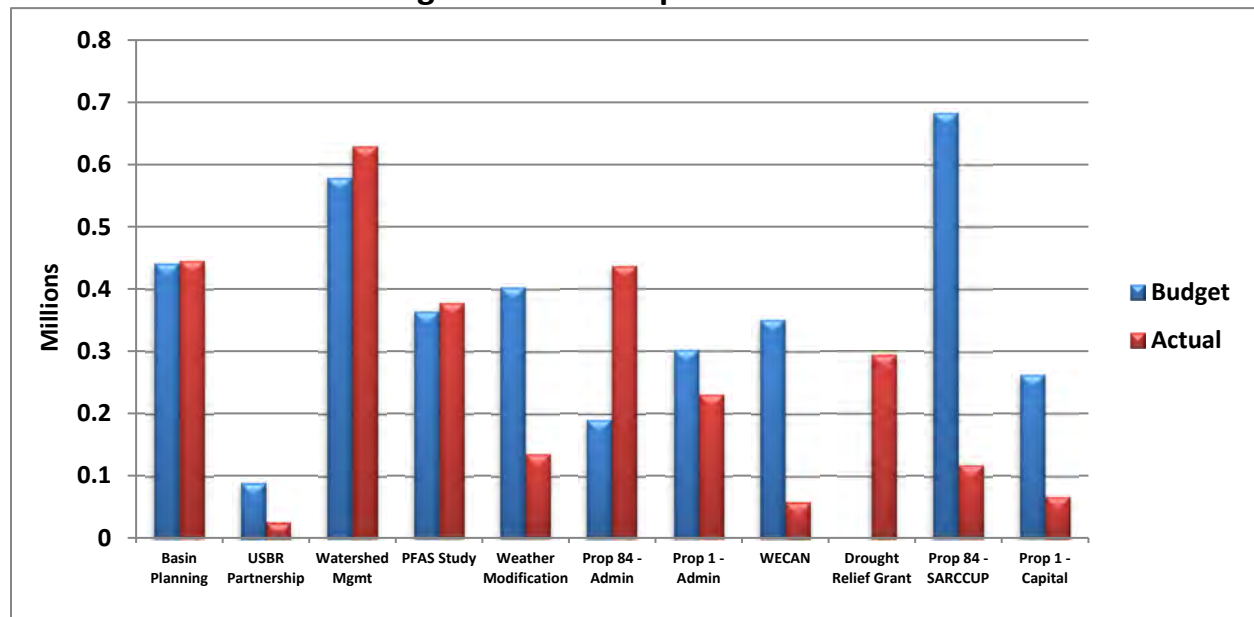
**Santa Ana Watershed Project Authority
PA25 - OWOW Fund - Financial Report
June 2023**

Staff comments provided on the last page are an integral part of this report.

Overview	This report highlights the agency's key financial indicators for the Fiscal Year-to-Date (FYTD) through June 2023 unless otherwise noted.
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Budget to Actual Expenses - OWOW				 Favorable
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Basin Planning General	\$441,260	\$441,260	\$445,662	(\$4,402)
USBR Partnership Studies	87,663	87,663	25,896	61,767
Watershed Mgmt. (OWOW)	577,716	577,716	628,549	(50,833)
PFAS Study	363,825	363,825	377,856	(14,031)
Weather Modification	403,000	403,000	136,222	266,778
Prop 84 - Administration	190,677	190,677	436,459	(245,782)
Prop 1 – Administration	301,706	301,706	230,113	71,593
WECAN - Riverside	351,208	351,208	58,746	292,462
Drought Relief Grant DACI	-	-	293,856	(293,856)
Prop 84 – SARCCUP & Other	683,247	683,247	118,192	565,055
Prop 1 – Capital Projects	261,706	261,706	67,790	193,916
Total	\$3,662,008	\$3,662,008	\$2,819,340	\$842,668

Budget to Actual Expenses - OWOW



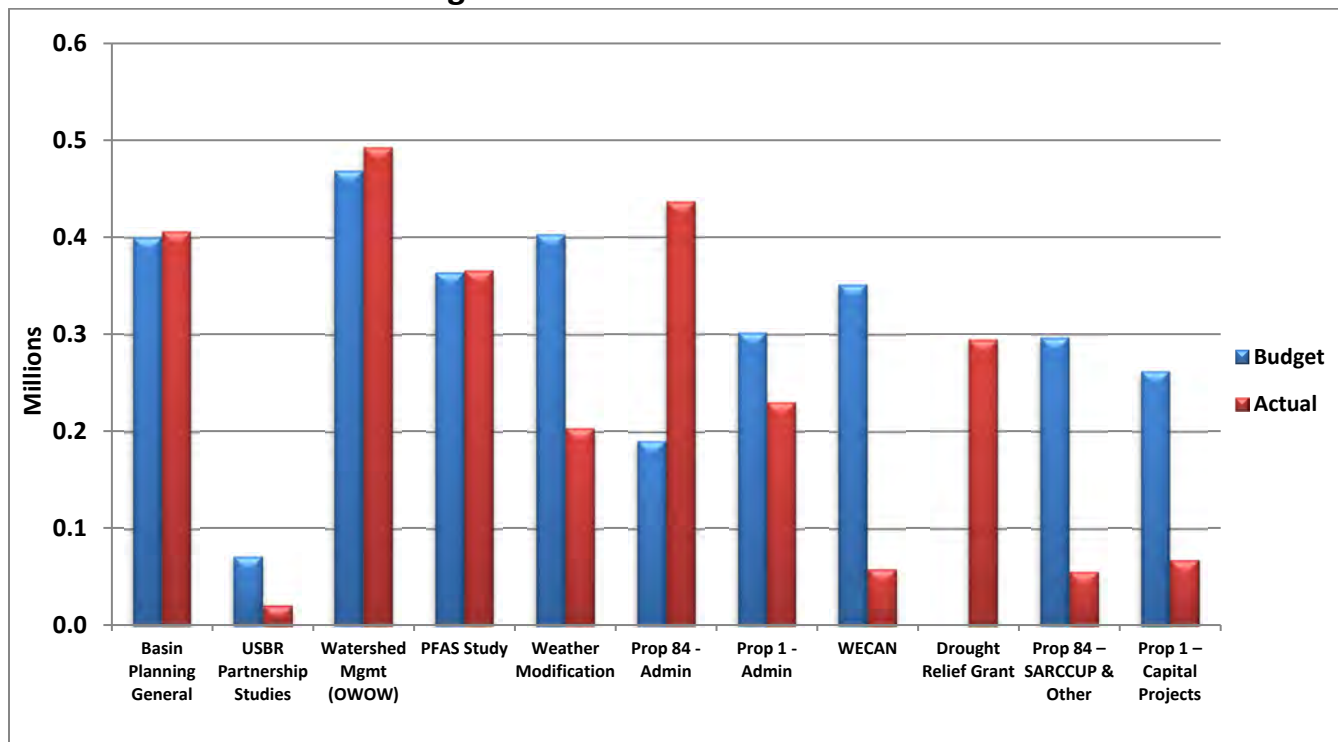
Budget to Actual Revenues - OWOW



Concern





	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Basin Planning General	\$400,000	\$400,000	\$406,170	\$6,170
USBR Partnership Studies	70,000	70,000	20,652	(49,348)
Watershed Mgmt. (OWOW)	468,700	468,700	492,861	24,161
PFAS Study	363,825	363,825	365,769	1,944
Weather Modification	403,000	403,000	203,455	(199,545)
Prop 84 - Administration	190,677	190,677	436,471	245,794
Prop 1 – Administration	301,706	301,706	230,120	(71,586)
WECAN - Riverside	351,208	351,208	58,746	(292,462)
Drought Relief Grant - DACI	-	-	293,856	293,856
Prop 84 – SARCCUP & Other	296,370	296,370	55,989	(240,381)
Prop 1 – Capital Projects	261,709	261,709	67,792	(193,914)
Total	\$3,107,192	\$3,107,192	\$2,631,881	(\$475,311)

Budget to Actual Revenues - OWOW



Reserve Fund Balance	
	Amount
Basin Planning General	\$118,237
USBR Partnership Studies	25,896
Watershed Management (OWOW)	224,429
PFAS Study	2,033
Weather Modification	64,193
Proposition 84 – SARCCUP & Other	1,346,837
Proposition 1 – Capital Projects	90,028
Total Reserves	\$1,871,653

Legend

<u>Compared to Budget</u>		
	Ahead or Favorable	Above +5% Favorable Revenue or Expense Variance
	On Track	+5% to -2% Variance
	Behind	-3% to -5% Variance
	Concern	Below -5% Variance

Staff Comments

For this month’s report, the item(s) explained below are either “behind”, a “concern”, or have changed significantly from the prior month.


1) Total revenues are 15.3% below budget. There are several items that make up this deficit. A \$50,000 grant was budgeted for the USBR Partnership Studies project but was not received, the Proposition 1 grant for Weather Modification is delayed, and work on many of the Proposition 84 and 1 projects have been slower than anticipated.

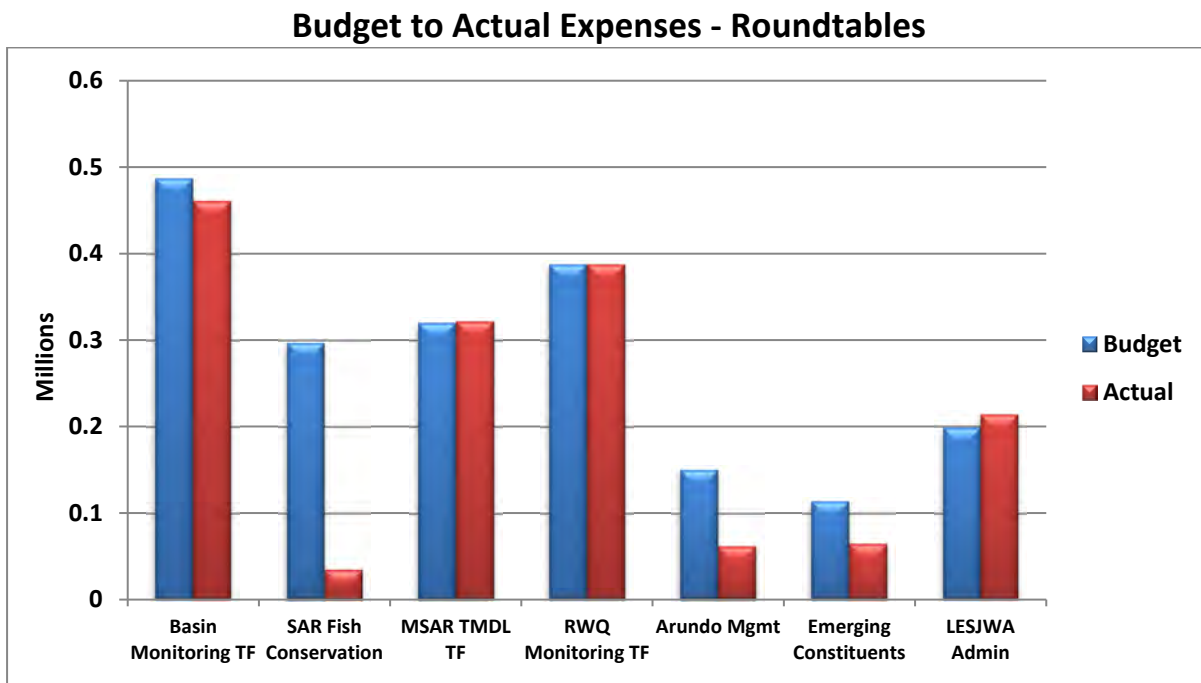
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**Santa Ana Watershed Project Authority
PA26 - Roundtable Fund - Financial Report
June 2023**

Staff comments provided on the last page are an integral part of this report.

Overview	This report highlights the agency's key financial indicators for the Fiscal Year-to-Date (FYTD) through June 2023 unless otherwise noted.
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Budget to Actual Expenses - Roundtables				 Favorable
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Basin Monitoring TF	\$486,892	\$486,892	\$460,876	\$26,016
SAR Fish Conservation	296,983	296,983	34,748	262,235
MSAR TMDL TF	319,976	319,976	321,679	(1,703)
RWQ Monitoring TF	387,574	387,574	387,641	(67)
Arundo Mgmt.	150,292	150,292	61,957	88,335
Emerging Constituents	113,856	113,856	64,794	49,062
LESJWA Admin	198,307	198,307	213,714	(15,407)
Total	\$1,953,880	\$1,953,880	\$1,545,409	\$408,471



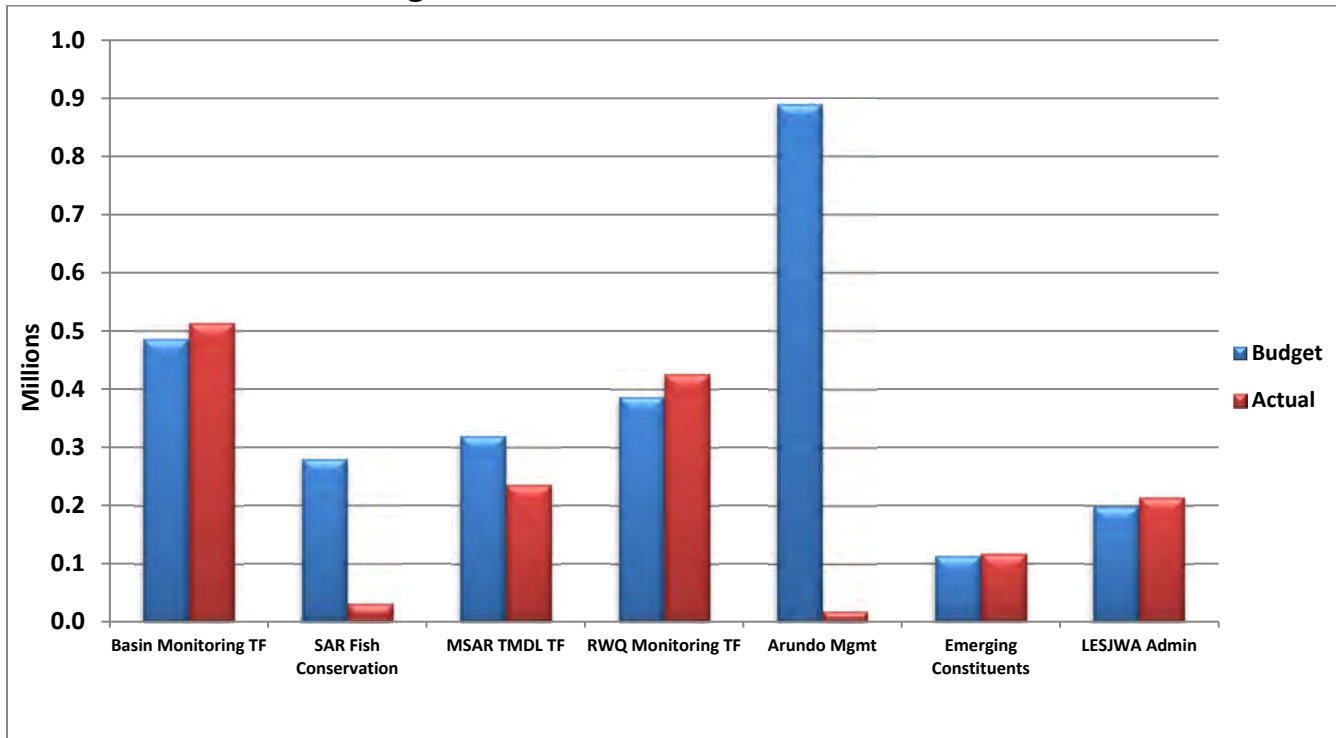
Budget to Actual Revenues - Roundtables



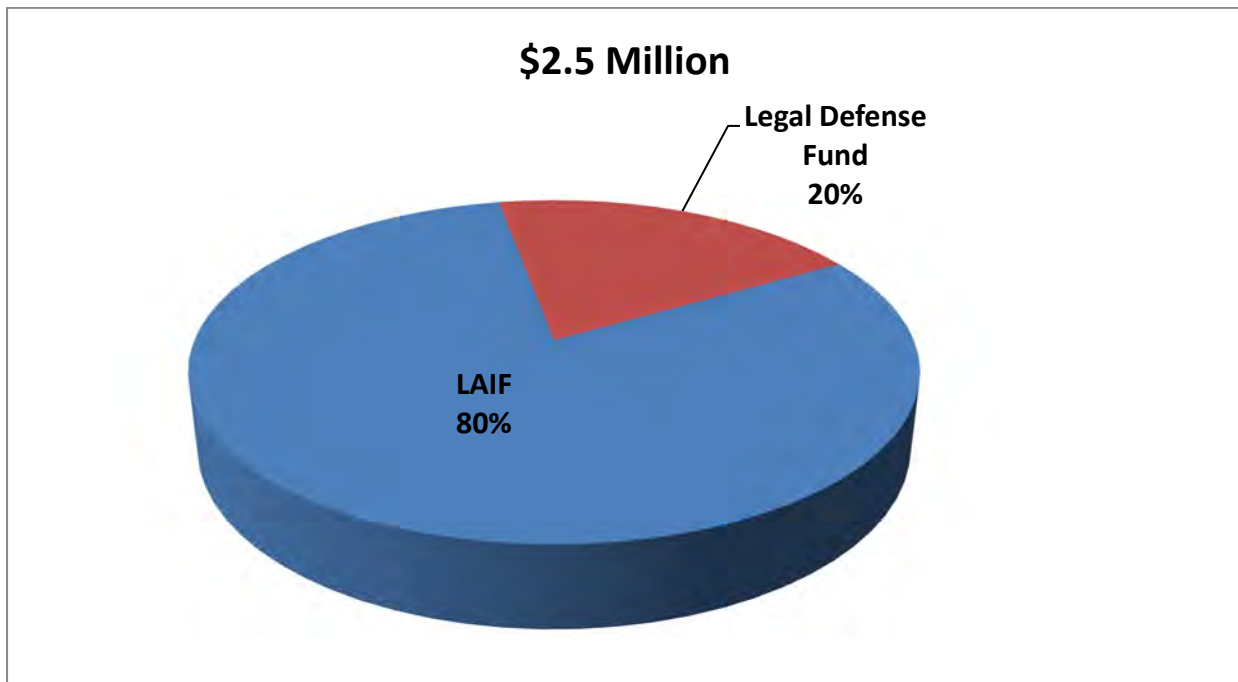
Behind

	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Basin Monitoring TF	\$485,998	\$485,998	\$513,587	\$27,589
SAR Fish Conservation	279,000	279,000	31,391	(247,609)
MSAR TMDL TF	319,625	319,625	235,322	(84,303)
RWQ Monitoring TF	386,845	386,845	426,385	39,540
Arundo Mgmt.	889,900	889,900	18,591	(871,309)
Emerging Constituents	113,000	113,000	116,411	3,411
LESJWA Admin	198,307	198,307	213,714	15,407
Total	\$2,672,675	\$2,672,675	\$1,555,401	(\$1,117,274)

Budget to Actual Revenues - Roundtables



Total Cash & Investments







Reserve Fund Balance

	Amount
Basin Monitoring Task Force	\$490,180
SAR Fish Conservation	105,493
Middle SAR TMDL Task Force	289,054
Regional Water Quality Monitoring Task Force	149,352
Arundo Management & Habitat	808,607
Emerging Constituents Task Force	137,246
Legal Defense Fund	482,135
Total Reserves	\$2,462,067

Legend

Compared to Budget

	Ahead or Favorable	Above +5% Favorable Revenue or Expense Variance
	On Track	+5% to -2% Variance
	Behind	-3% to -5% Variance
	Concern	Below -5% Variance

Staff Comments

For this month's report, the item(s) explained below are either "behind", a "concern", or have changed significantly from the prior month.

- 1) Expenses are 20.9% below budget. Revenues are 41.8% below budget. The reasons for revenues being 40.2% below budget are:
 - a. A \$250,000 grant anticipated for the SAR Fish Conservation was not received, and
 - b. We had anticipated selling the remaining mitigation credits which are now projected to be sold in FYE 2025.
-



Santa Ana Watershed Project Authority
 General Manager - Expense Report
 4th Quarter FYE 2023

Staff	Mosher
-------	--------

Sum of Amount		Expn Type					
Posting Date	Activity	Airfare	Meals	Misc.	Parking	Grand Total	
04/30/2023	ACWA Conference	299.96				299.96	
	Utility Management Conference	123.00	79.77	46.01	63.00	311.78	
04/30/2023 Total		422.96	79.77	46.01	63.00	611.74	
05/31/2023	ACWA Conference	182.00	60.11	542.72	96.00	880.83	
05/31/2023 Total		182.00	60.11	542.72	96.00	880.83	
06/30/2023	UC Santa Cruz Water Research Shop	621.95		185.47	36.00	843.42	
06/30/2023 Total		621.95		185.47	36.00	843.42	
Grand Total		1,226.91	139.88	774.20	195.00	2,335.99	

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Santa Ana Watershed Project Authority

Staff - Expense Report

4th Quarter FYE 2023

Sum of Amount			Expn Type							Grand Total	
Staff	Posting Date	Activity	Airfare	Hotel	Meals	Mileage	Misc.	Parking	Registration		
Achimore	04/30/2023	IRWM 20th Anniversary Video Screening	297.97							297.97	
Achimore Total			297.97							297.97	
Bustamonte	06/30/2023	EVMWD Brand Launch Event				32.23				32.23	
Bustamonte Total						32.23				32.23	
Goode	04/30/2023	BIA Southern CA Water Conference							499.00	499.00	
		Commission Meeting Goods					31.95			31.95	
	05/17/2023	CA HR Conference		508.96	78.12					587.08	
	05/31/2023	CA HR Conference			19.82					19.82	
	06/30/2023	Commission Meeting Goods					27.66			27.66	
		NEOGOV Conference		190.48					675.00	865.48	
		Professionals in Human Resources Meeting					35.00			35.00	
Goode Total				699.44	97.94		94.61		1,174.00	2,065.99	
Gray	04/30/2023	ACWA Conference	357.95	722.05						1,080.00	
		IRWM 20th Anniversary Video Screening	125.97							125.97	
		Weather Modification Association Conference			215.87		394.85			610.72	
	05/31/2023	ACWA Conference					395.88	84.00			479.88
		CA Adaptation Forum							250.00		250.00
		Multi-State Salinity Conference		269.05	13.35		298.75	16.00			597.15
	Multi-State Salinity Conference for Mark and Rachel			43.98						43.98	
06/30/2023	Lunch for Rachel and Leighanne Kirk EMWD			55.76						55.76	
Gray Total			483.92	991.10	328.96		1,089.48	100.00	250.00	3,243.46	
Lewis	06/30/2023	CalPERS Forum							449.00	449.00	
Lewis Total									449.00	449.00	
Mullay	04/30/2023	Commission Meeting Goods					41.14			41.14	
		SAWPA to Rialto - Earth to Table Event				9.69				9.69	
	05/31/2023	Planning Manager's Meeting Goods					45.46			45.46	
		SAWPA to Canyon Lake for Alum Treatment				41.72					41.72
	06/30/2023	Commission Meeting Goods					39.01				39.01
CSMFO Chapter Meeting for Haley, Bonnie, and Alison						135.00				135.00	
	RCHF Flyers for WECAN Canvassing				27.64					27.64	
Mullay Total						79.05	260.61			339.66	
Norton	04/19/2023	SAWPA to SBVMWD - Strategic Planning Event				34.32				34.32	
	04/30/2023	IRWM 20th Anniversary Video Screening	125.97							125.97	
		Multi-State Salinity Conference	216.96								216.96
05/31/2023	Multi-State Salinity Conference		204.19				42.00		246.19		
Norton Total			342.93	204.19		34.32		42.00		623.44	

Ramirez	04/30/2023	ACWA Conference for Rachel					650.00	650.00		
		LECL TMDL Briefing			16.97			16.97		
		Multi-State Salinity Conference for Rachel	376.96					376.96		
	Weather Modification Association Conference for Rachel	696.96	698.97			325.00	1,720.93			
	05/31/2023	Commission Meeting Goods			50.30		50.30			
	06/30/2023	LESJWA Meeting Goods			26.95		26.95			
Ramirez Total			1,073.92	698.97		94.22	975.00	2,842.11		
Ruhl	06/30/2023	Lunch for David and Mike Metts Dudek			38.68			38.68		
Ruhl Total					38.68			38.68		
Villa	05/31/2023	PA 24 Meeting Goods			26.56			26.56		
Villa Total					26.56			26.56		
Whetsel	06/30/2023	ISC3 Event at Robert Redford Conservancy			19.13			19.13		
Whetsel Total					19.13			19.13		
Williams	04/30/2023	GFOA Conference	349.46					349.46		
	05/31/2023	GFOA Conference			101.39	155.96	66.00	323.35		
	06/30/2023	GFOA Conference		640.32				640.32		
Williams Total			349.46	640.32	101.39	155.96	66.00	1,313.13		
Grand Total			2,548.20	3,234.02	566.97	164.73	1,721.44	208.00	2,848.00	11,291.36

COMMISSION MEMORANDUM NO. 2023.55

DATE: September 5, 2023
TO: SAWPA Commission
SUBJECT: Budget vs. Actual Variance Report
FYE 2023 Fourth Quarter – June 30, 2023
PREPARED BY: Karen Williams, DGM/CFO

RECOMMENDATION

It is recommended that the Commission receive and file the informational report on FYE 2023 Fourth Quarter Budget vs. Actual Variance Report.

DISCUSSION

Staff has developed a Budget vs. Actual Variance Report and presents this report on a quarterly basis. Attached is the FYE 2023 Budget vs. Actual Variance Report through June 30, 2023. The Agency's net revenue was \$3,333,810, which was \$3,169,831 more favorable than budgeted. Several significant items comprise the majority of this favorable variance:

Operating Revenue was \$238,496 more than budgeted. This favorable variance is due to higher brine line and truck discharges for the year.

Operating Expense was \$5,177,374 less than budgeted. This favorable variance is due to lower BOD and TSS concentrations than projected, a slow start to CIP projects, Proposition 1 and 84 projects, and OWOW related projects.

Non-Operating Revenue/Expense was \$466,235 less than budgeted. This unfavorable variance is due to a slow start on CIP projects and not billing Participant Fees for Proposition 1 and 84 projects.

Favorable Revenue Variances

Listed below are explanations of favorable variances of \$500,000 or more for individual revenue categories:

Interest & Investments – The 347% variance of \$1,130,408 is due to the increase in interest rates from what was budgeted. Interest rates have increased substantially in the last year.

Unfavorable Revenue Variances

Listed below are explanations of unfavorable variances of \$500,000 or more for individual revenue categories:

Grant Proceeds – The 32% variance of \$529,238 is due to not receiving a budgeted \$50,000 grant for the USBR Partnership Studies project, the Proposition 1 grant for Weather Modification not being awarded until late Spring 2023, and work on many of the Proposition 84 and 1 projects has been slower than anticipated.

Mitigation Credit Sales – The 100% variance of \$889,900 is due to not selling the remaining mitigation credits in FYE 2023. It is anticipated that they will be sold in FYE 2025. a slow start on budgeted CIP projects and no need for the use of reserves.

Use of Reserves – The 84% variance of \$1,851,488 is due to a slow start of budgeted CIP projects and no need for the use of reserves.

Favorable Expense Variances

Listed below are explanations of favorable variances of \$500,000 or more for individual expense categories:

Consulting & Professional Services – The 53% variance of \$2,682,088 is due to a slow start on budgeted CIP projects and other OWOW and Roundtable task force related consulting costs.

Operating Costs – The 22% variance of \$806,205 is due to lower BOD and TSS concentrations than projected and cost savings in the performance of brine line maintenance activities.

Construction – The 94% variance of \$661,406 is due to a slow start on CIP projects.

Unfavorable Expense Variances

There are no unfavorable expenses variance of \$500,000 or more.

RESOURCE IMPACTS

None.

Attachment:

1. Variance Report

Santa Ana Watershed Project Authority
 FYE 2023 Budget vs. Actual
 for the Period Ending June 30, 2023

Consolidated

	FYE 2023 Budget	12-Month Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue					
Discharge Fees	\$12,071,872	\$12,071,872	\$12,310,368	\$238,496	1.98%
Total Operating Revenue	12,071,872	12,071,872	12,310,368	238,496	1.98%
Operating Expenses					
Labor	4,053,241	4,053,241	3,963,828	89,414	2.21%
Benefits	1,701,016	1,701,016	1,665,596	35,420	2.08%
Education & Training	61,100	61,100	24,200	36,900	60.39%
Consulting & Professional Services	5,014,437	5,014,437	2,332,349	2,682,088	53.49%
Operating Costs	3,746,050	3,746,050	2,939,845	806,205	21.52%
Repair & Maintenance	596,400	596,400	154,311	442,089	74.13%
Phone & Utilities	105,850	105,850	63,709	42,141	39.81%
Equipment & Computers	391,900	391,900	263,728	128,172	32.71%
Meeting & Travel	109,350	109,350	54,942	54,408	49.76%
Other Administrative Costs	271,004	271,004	241,964	29,040	10.72%
Other Expense	461,577	461,577	345,748	115,829	25.09%
Program Expenses	100,000	100,000	274,461	-174,461	-100.00%
Construction	700,000	700,000	38,594	661,406	94.49%
Operating Transfers	114,625	114,625	145,964	-31,339	-27.34%
Indirect Costs	45,145	45,145	-214,916	260,062	0.00%
Total Operating Expenses	17,471,695	17,471,695	12,294,323	5,177,374	29.63%
Net Operating Revenue / (Deficit)	-5,399,823	-5,399,823	16,045	-4,938,878	91.46%
Non-Operating Revenue (Expense)					
Member Agency Contributions	2,069,762	2,069,762	2,069,760	-2	0.00%
Participant Fees	1,570,498	1,570,498	1,282,055	-288,443	-18.37%
Grant Proceeds	1,672,212	1,672,212	1,142,974	-529,238	-31.65%
Mitigation Credit Sales	889,900	889,900	0	889,900	-100.00%
Debt Service	-1,709,476	-1,709,476	-1,709,476	0	0.00%
Interest & Investments	325,000	325,000	1,455,408	1,130,408	347.82%
Other Income	188,307	188,307	220,042	31,735	16.85%
Contributions to Reserves	-1,764,957	-1,764,957	-1,645,404	119,553	6.77%
Operating Transfers	114,625	114,625	145,964	31,339	-27.34%
Use of Reserves	2,207,931	2,207,931	356,442	-1,851,488	-83.86%
Net Non-Operating Revenue / (Deficit)	5,563,802	5,563,802	3,317,766	-466,235	-8.38%
Net Revenue / (Deficit)	\$163,979	\$163,979	\$3,333,810	\$3,169,831	

Santa Ana Watershed Project Authority
 FYE 2023 Budget vs. Actual
 for the Period Ending June 30, 2023

General Fund

	FYE 2023 Budget	12-Month Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue					
Total Operating Revenue	\$0	\$0	\$0	\$0	0.00%
Operating Expenses					
Labor	1,878,457	1,878,457	2,043,775	-165,318	-8.80%
Benefits	788,329	788,329	859,173	-70,844	-8.99%
Education & Training	46,600	46,600	22,849	23,751	50.97%
Consulting & Professional Services	435,500	435,500	296,920	138,580	31.82%
Operating Costs	6,400	6,400	2,145	4,255	66.49%
Repair & Maintenance	106,400	106,400	63,997	42,403	39.85%
Phone & Utilities	94,350	94,350	54,382	39,969	42.36%
Equipment & Computers	185,400	185,400	208,156	-22,756	-12.27%
Meeting & Travel	79,000	79,000	44,117	34,883	44.16%
Other Administrative Costs	153,154	153,154	166,059	-12,904	-8.43%
Other Expense	106,577	106,577	106,476	101	0.09%
Indirect Costs	-3,452,144	-3,452,144	-3,302,361	-149,783	4.34%
Total Operating Expenses	428,023	428,023	565,687	-137,662	-32.16%
Net Operating Revenue / (Deficit)	-428,023	-428,023	-565,687	137,662	-32.16%
Non-Operating Revenue (Expense)					
Member Agency Contributions	725,437	725,437	725,435	-2	0.00%
Interest & Investments	0	0	91,492	91,492	100.00%
Other Income	0	0	7,039	7,039	100.00%
Building Reserve	-100,000	-100,000	-100,000	0	0.00%
Retiree Medical Reserve	-197,414	-197,414	-77,861	119,553	60.56%
Net Non-Operating Revenue / (Deficit)	428,023	428,023	646,105	218,082	50.95%
Net Revenue / (Deficit)	\$0	\$0	\$80,418	\$80,418	

Santa Ana Watershed Project Authority
 FYE 2023 Budget vs. Actual
 for the Period Ending June 30, 2023

Brine Line Operating Fund

	FYE 2023 Budget	12-Month Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue					
Discharge Fees	\$12,071,872	\$12,071,872	\$12,310,368	\$238,496	1.98%
Total Operating Revenue	12,071,872	12,071,872	12,310,368	238,496	1.98%
Operating Expenses					
Labor	1,326,650	1,326,650	1,161,934	164,716	12.42%
Benefits	556,753	556,753	488,012	68,741	12.35%
Education & Training	14,500	14,500	1,236	13,264	91.48%
Consulting & Professional Services	285,000	285,000	113,549	171,451	60.16%
Operating Costs	3,739,650	3,739,650	2,936,409	803,241	21.48%
Repair & Maintenance	490,000	490,000	90,314	399,686	81.57%
Phone & Utilities	11,500	11,500	9,327	2,173	18.90%
Equipment & Computers	206,500	206,500	53,572	152,928	74.06%
Meeting & Travel	10,000	10,000	2,055	7,945	79.45%
Other Administrative Costs	90,900	90,900	43,374	47,526	52.28%
Other Expense	355,000	355,000	239,272	115,728	32.60%
Indirect Costs	2,133,400	2,133,400	1,868,390	265,010	12.42%
Total Operating Expenses	9,219,853	9,219,853	7,007,444	2,212,409	24.00%
Net Operating Revenue / (Deficit)	2,852,019	2,852,019	5,302,924	-2,450,905	-85.94%
Non-Operating Revenue (Expense)					
Interest & Investments	325,000	325,000	1,295,665	970,665	298.67%
Other Income	0	0	9,289	9,289	100.00%
Debt Service	-1,709,476	-1,709,476	-1,709,476	0	0.00%
Contributions to Reserves	-1,467,543	-1,467,543	-1,467,543	0	0.00%
Net Non-Operating Revenue / (Deficit)	-2,852,019	-2,852,019	-1,872,065	979,954	-34.36%
Net Revenue / (Deficit)	\$0	\$0	\$3,430,859	\$3,430,859	

Santa Ana Watershed Project Authority
 FYE 2023 Budget vs. Actual
 for the Period Ending June 30, 2023

OWOW Fund

	FYE 2023 Budget	12-Month Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue					
Total Operating Revenue	\$0	\$0	\$0	\$0	0.00%
Operating Expenses					
Labor	586,889	586,889	601,210	-14,320	-2.44%
Benefits	246,298	246,298	252,508	-6,210	-2.52%
Education & Training	0	0	116	-116	-100.00%
Consulting & Professional Services	1,857,342	1,857,342	693,870	1,163,473	62.64%
Operating Costs	0	0	1,291	-1,291	-100.00%
Equipment & Computers	0	0	2,000	-2,000	-100.00%
Meeting & Travel	17,100	17,100	8,443	8,657	50.62%
Other Administrative Costs	10,600	10,600	18,694	-8,094	-76.36%
Program Expenses	0	0	274,461	-274,461	-100.00%
Indirect Costs	943,779	943,779	966,746	-22,967	-2.43%
Total Operating Expenses	3,662,008	3,662,008	2,819,340	842,668	23.01%
Net Operating Revenue / (Deficit)	-3,662,008	-3,662,008	-2,819,340	-842,668	23.01%
Non-Operating Revenue (Expense)					
Member Agency Contributions	1,324,325	1,324,325	1,324,325	0	0.00%
Participant Fees	360,655	360,655	143,900	-216,755	-60.10%
Grant Proceeds	1,422,212	1,422,212	1,142,974	-279,238	-19.63%
Interest & Investments	0	0	20,683	20,683	100.00%
Net Non-Operating Revenue / (Deficit)	3,107,192	3,107,192	2,631,881	-475,311	-15.30%
Net Revenue / (Deficit)	-\$554,816	-\$554,816	-\$187,459	\$367,357	
Project Reimbursement (Prop 1 & 84 Capital)	\$21,209,717	\$21,209,717	\$7,446,126	\$13,763,591	

Santa Ana Watershed Project Authority
 FYE 2023 Budget vs. Actual
 for the Period Ending June 30, 2023

Roundtables Fund

	FYE 2023 Budget	12-Month Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue					
Total Operating Revenue	\$0	\$0	\$0	\$0	0.00%
Operating Expenses					
Labor	169,451	169,451	146,385	23,066	13.61%
Benefits	71,113	71,113	61,482	9,630	13.54%
Consulting & Professional Services	1,211,595	1,211,595	945,149	266,446	21.99%
Meeting & Travel	3,250	3,250	327	2,923	89.95%
Other Administrative Costs	11,350	11,350	10,716	634	-100.00%
Program Expenses	100,000	100,000	0	100,000	0.00%
Operating Transfer	114,625	114,625	145,964	-31,339	-27.34%
Indirect Costs	272,496	272,496	235,386	37,110	13.62%
Total Operating Expenses	1,953,880	1,953,880	1,545,409	408,471	20.91%
Net Operating Revenue / (Deficit)	-1,953,880	-1,953,880	-1,545,409	-408,471	20.91%
Non-Operating Revenue (Expense)					
Member Agency Contributions	20,000	20,000	20,000	0	0.00%
Participant Fees	1,209,843	1,209,843	1,138,155	-71,688	-5.93%
Mitigation Credit Sales	889,900	889,900	0	-889,900	0.00%
Grant Proceeds	250,000	250,000	0	-250,000	0.00%
Other Income	188,307	188,307	203,714	15,407	8.18%
Operating Transfer	114,625	114,625	145,964	31,339	-27.34%
Interest & Investments	0	0	47,567	47,567	100.00%
Net Non-Operating Revenue / (Deficit)	2,672,675	2,672,675	1,555,401	-1,117,274	-41.80%
Net Revenue / (Deficit)	\$718,795	\$718,795	\$9,992	-\$708,803	

Santa Ana Watershed Project Authority
 FYE 2023 Budget vs. Actual
 for the Period Ending June 30, 2023

Capital Fund

	FYE 2023 Budget	12-Month Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue					
Total Operating Revenue	\$0	\$0	\$0	\$0	0.00%
Operating Expenses					
Labor	91,794	91,794	10,524	81,270	88.54%
Benefits	38,523	38,523	4,420	34,103	88.53%
Consulting & Professional Services	1,225,000	1,225,000	282,860	942,140	76.91%
Other Administrative Costs	5,000	5,000	3,121	1,879	37.58%
Construction	700,000	700,000	38,594	661,406	94.49%
Indirect Costs	147,614	147,614	16,923	130,691	88.54%
Total Operating Expenses	2,207,931	2,207,931	356,442	1,851,489	83.86%
Net Operating Revenue / (Deficit)	-2,207,931	-2,207,931	-356,442	-1,851,489	83.86%
Non-Operating Revenue (Expense)					
Use of Reserves	2,207,931	2,207,931	356,442	-1,851,488	-83.86%
Net Non-Operating Revenue / (Deficit)	2,207,931	2,207,931	356,442	-1,851,488	-83.86%
Net Revenue / (Deficit)	\$0	\$0	\$0	\$0	



**Santa Ana Watershed
Project Authority**

**Financial Report for the 4th Quarter
Ending June 30, 2023**

1

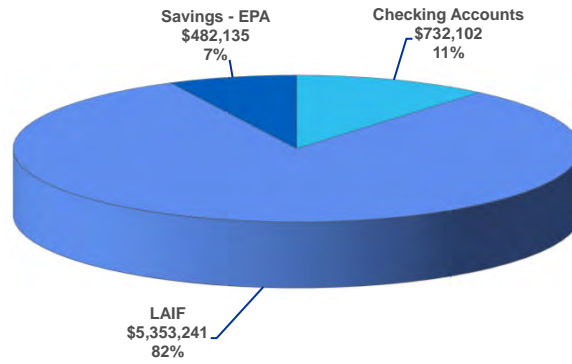
Agenda

- **Cash & Investments**
- **Fund Overview**
- **General Fund**
- **OWOW Funds**
- **Roundtable Funds**

2

Cash & Investments

\$6,567,478



3

Cash & Investments

Total by Fund

General Fund	\$2,233,758
OWOW Fund	1,871,653
Roundtable Fund	1,979,932
Fiduciary Fund	482,135
Total	\$6,567,478

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Cash & Investments

General Funds

Fund	Checking (Cash)	LAIF Account	Total
General Fund	\$732,102	\$764,163	\$1,496,265
Building Reserve	0	737,493	737,493
Total	\$732,102	\$1,501,656	\$2,233,758

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Cash & Investments

OWOW Funds

Fund	LAIF Account
Basin Planning General	\$118,237
USBR Partnership Studies	25,896
Watershed Management (OWOW)	224,429
PFAS Study	2,033
Weather Modification	64,193
Prop 84 SARCCUP Projects	1,346,837
Prop 1 Capital Projects	90,028
Total	\$1,871,653

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Cash & Investments

Roundtable Funds

Fund	LAIF Account
Basin Monitoring	\$490,180
SAR Fish Conservation	105,493
Middle SAR TMDL TF	289,054
RWQ Monitoring TF	149,352
Emerging Constituents TF	137,246
Mitigation Banking	808,607
Total	\$1,979,932

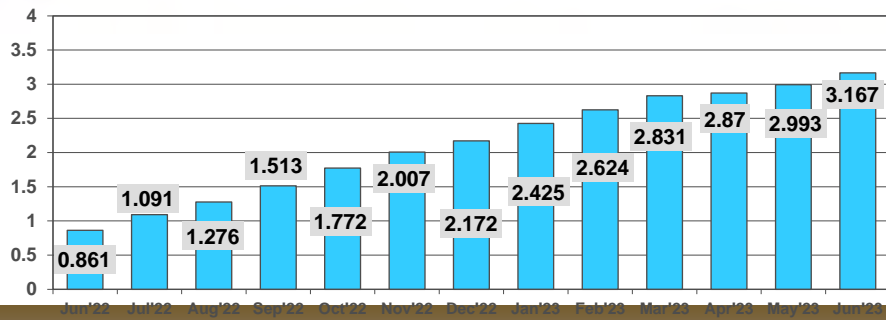
Cash & Investments

Fiduciary Funds

Fund	Savings EPA
Legal Defense Fund	\$482,135
Total	\$482,135

Cash & Investments

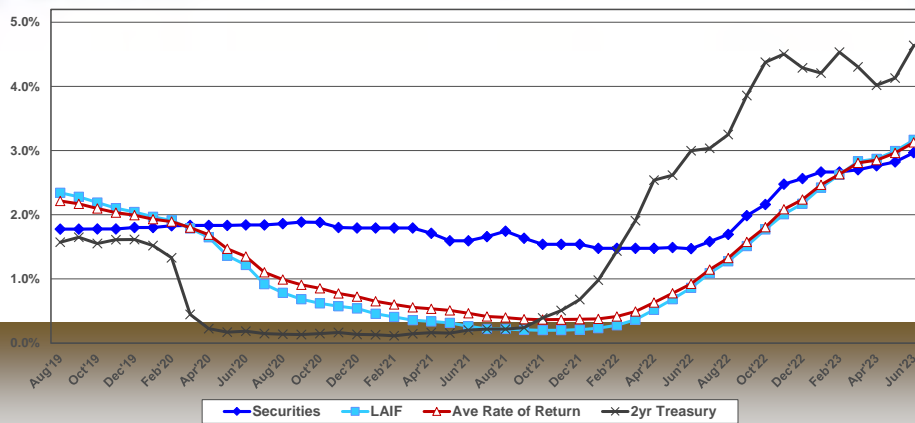
LAIF Interest Rates



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Cash & Investments

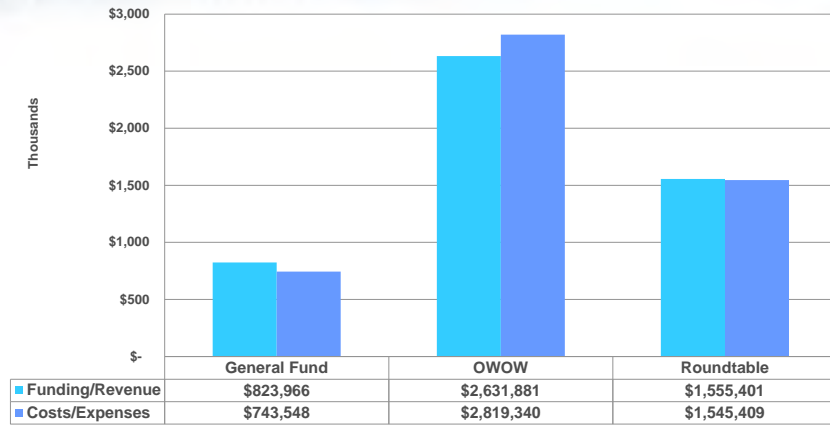
Interest Rate Comparison



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Analysis by Fund Type

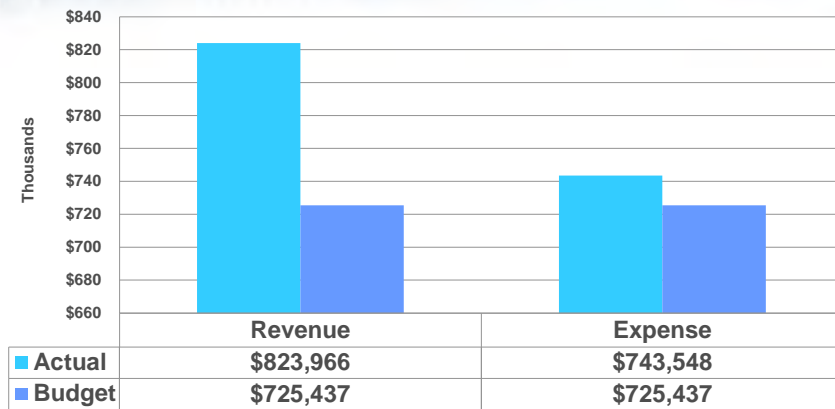
Revenues and Expenses



11

General Fund

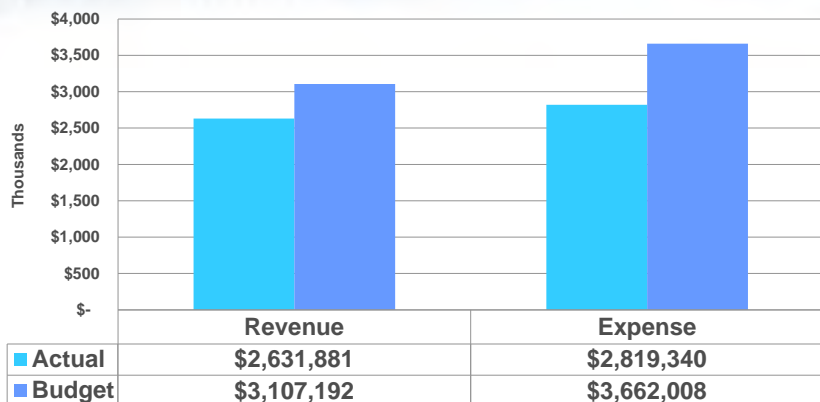
Budget vs. Actual



12

OWOW Funds

Budget vs. Actual



13

OWOW Funds

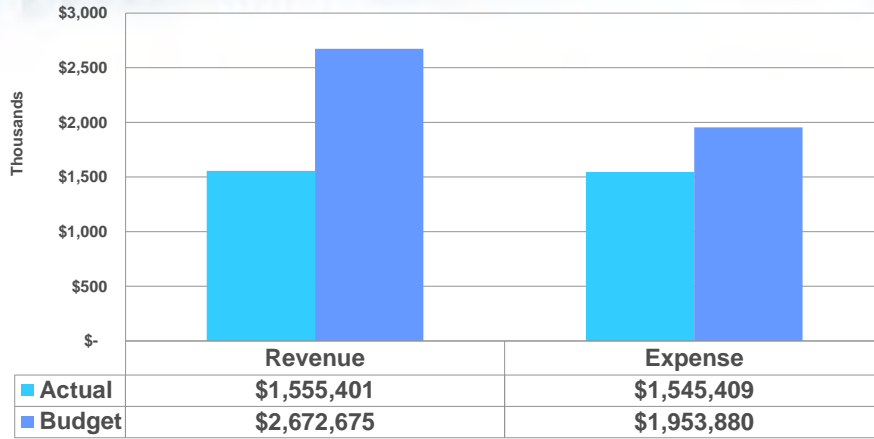
Costs vs. Funding



14

Roundtable Funds

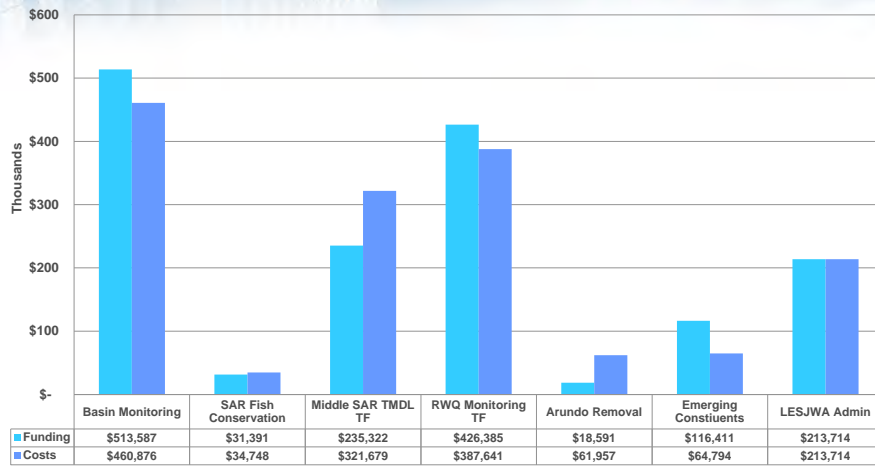
Budget vs. Actual



15

Roundtable Funds

Costs vs. Funding



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August Highlights

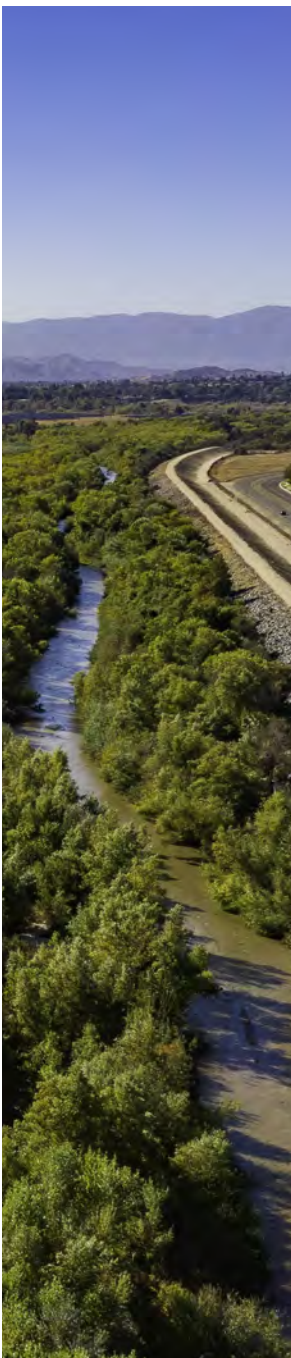
- 1 Leadership Development Program
- 2 California Adaptation Forum - Speaker Session

SAWPA Leadership Development Program

SAWPA's leadership staff recently embarked on a transformative leadership development program in July. This program, consisting of six meetings over the next 10 months, aims to enhance the organization's value, streamline operations, and foster employee engagement for improved outcomes. Led by Nate Sassman, a West Point graduate and retired Lieutenant Colonel, the program equips public agencies with the tools to navigate the unique challenges and complexities of service delivery and talent management. The program focuses on enhancing individual leadership skills and team dynamics within the senior leadership team. Topics covered include the development of personal leadership philosophies, strategic communication, effective teamwork, accountability, critical thinking, and the creation of personal action plans.

California Adaptation Forum - Speaker Session

SAWPA and its member agencies recently participated in the California Adaptation Forum 2023 Conference in Pomona, California. During the session, the focus was on critical infrastructure projects, partnerships, and the multiple benefits they bring in terms of climate resiliency and ensuring safe and reliable water for all communities in the Santa Ana River Watershed. SAWPA and its member agencies addressed the challenges posed by climate change, including prolonged drought, increased wildfires, and climate uncertainty. They showcased their commitment to investing in collaborative solutions that aim to diversify the water supply portfolio, improve connectivity, enhance the reliability of local water resources, restore critical habitats, and secure a sustainable water future. Key programs that were highlighted include Watershed Connect and Headwater Resiliency Partnership, the Recycled Water Program, Groundwater Recharge and Water Banking Programs, Forecast Informed Reservoir Operations, the Chino Basin Program, and the Groundwater Replenishment System.



Rachel Gray
Santa Ana Watershed Project Authority



Eric Vaughan
San Bernardino Valley Municipal Water District



John Weurth
Eastern Municipal Water District



Joshua Aguilar
Western Municipal Water District



Liza Munoz
Inland Empire Utilities Agency




Mehul Patel
Orange County Water District

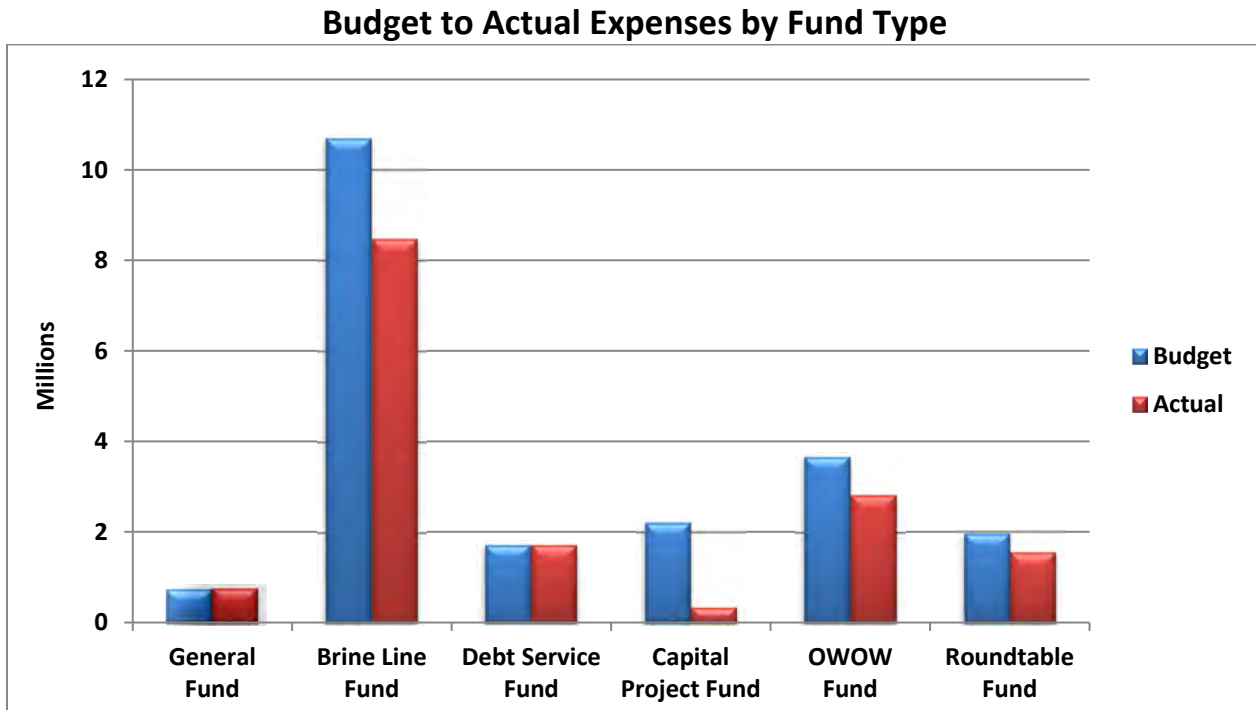
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**Santa Ana Watershed Project Authority
Executive Financial Information Report
June 2023**

Staff comments provided on the last page are an integral part of this report.

Overview	This report highlights the agency’s key financial indicators for the Fiscal Year-to-Date (FYTD) June 2023 unless otherwise noted.
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Budget to Actual Expenses by Fund Type				 Favorable
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
General Fund	\$725,437	\$725,437	\$743,548	(\$18,111)
Brine Line Enterprise	10,687,396	10,687,396	8,474,987	2,212,409
Debt Service Fund	1,709,476	1,709,476	1,709,476	-
Capital Project Fund	2,207,931	2,207,931	356,442	1,851,489
OWOW Fund	3,662,008	3,662,008	2,819,340	842,668
Roundtable Fund	1,953,880	1,953,880	1,545,409	408,471
Total	\$20,946,128	\$20,946,128	\$15,649,202	\$5,296,926



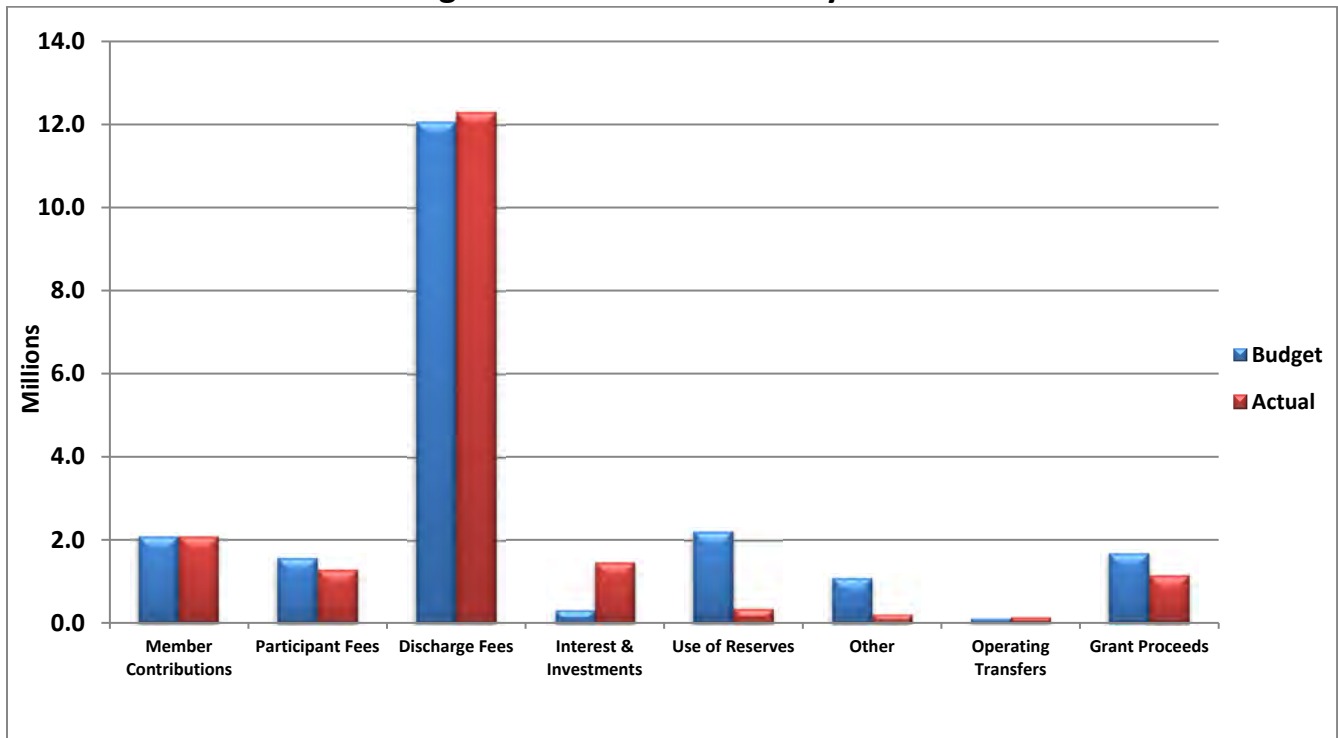
Budget to Actual Revenues by Source



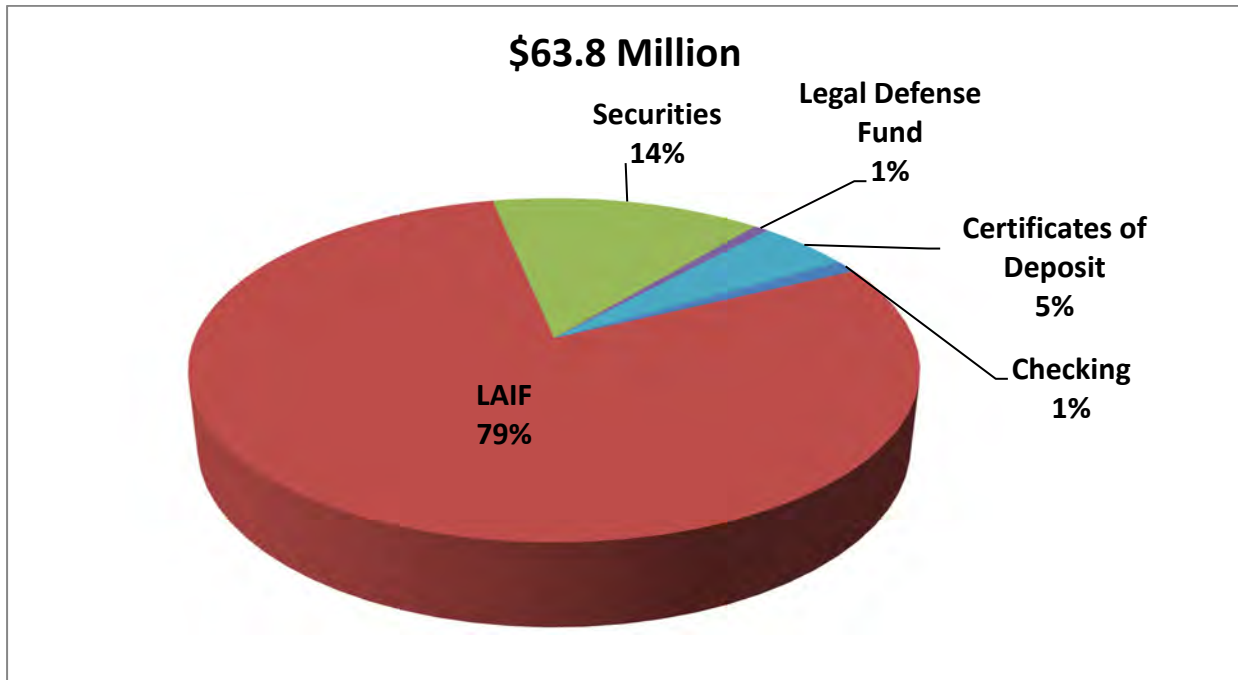
Behind

	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Member Contributions	\$2,069,762	\$2,069,762	\$2,069,760	(\$2)
Participant Fees	1,570,498	1,570,498	1,282,055	(288,443)
Discharge Fees	12,071,872	12,071,872	12,310,368	238,496
Interest & Investments	325,000	325,000	1,455,408	1,130,408
Use of Reserves	2,207,931	2,207,931	356,442	(1,851,489)
Mitigation Credit Sales	889,900	889,900	-	(889,900)
Other	188,307	188,307	220,042	31,735
Operating Transfers	114,625	114,625	145,964	31,339
Grant Proceeds	1,672,212	1,672,212	1,142,974	(529,238)
Total	\$21,110,107	\$21,110,107	\$18,983,013	(\$2,127,094)

Budget to Actual Revenues by Source



Total Cash & Investments







Reserve Fund Balance

	Amount
General Fund	\$1,496,265
Building Fund	737,493
OWOW Fund	1,871,653
Roundtable Fund	2,462,067
Debt Retirement	2,876,283
Pipeline Replacement & Capital Investment	32,045,367
OC San Pipeline Rehabilitation	2,429,092
Pipeline Capacity Management	12,232,268
OC San Future Treatment & Disposal Capacity	1,872,800
Brine Line Operating Reserve	2,302,489
Brine Line Operating Cash	3,451,591
Total Reserves	\$63,777,368

Legend

Compared to Budget

	Ahead or Favorable	Above +5% Favorable Revenue or Expense Variance
	On Track	+5% to -2% Variance
	Behind	-3% to -5% Variance
	Concern	Below -5% Variance

Staff Comments

For this month's report, the item(s) explained below are either "behind", a "concern", or have changed significantly from the prior month.

Revenues are 10.1% and expenses are 21.9% below budget. Some of the reasons revenues were lower than budgeted are because Capital Projects were delayed, there were no mitigation credit sales as projected, and many of the grant invoices have not been received for June.
