



S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY

11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

This meeting will be conducted in person at the addresses listed below. As a convenience to the public, members of the public may also participate virtually using one of the options set forth below. Any member of the public may listen to the meeting or make comments to the Commission using the call-in number or Zoom link. 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.

| Meeting Access Via Computer (Zoom): | Meeting Access Via Telephone: |
|---|---|
| <ul style="list-style-type: none"> • https://sawpa.zoom.us/j/81322176262 | <ul style="list-style-type: none"> • 1 (669) 900-6833 |
| <ul style="list-style-type: none"> • Meeting ID: 813 2217 6262 | <ul style="list-style-type: none"> • Meeting ID: 813 2217 6262 |

REGULAR COMMISSION MEETING TUESDAY, DECEMBER 3, 2024 – 9:30 A.M.

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

and

JW Marriott Desert Springs
74-855 Country Club Drive, Room #483
Palm Desert, CA 92260

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.gov with the subject line "Public Comment". Submit your electronic comments by 5:00 p.m. on Monday, December 2, 2024. 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: NOVEMBER 19, 2024**7

Recommendation: Approve as posted.

- B. **TREASURER’S REPORT: OCTOBER 2024**13
Recommendation: Approve as posted.

6. NEW BUSINESS

- A. **LETTER OF SUPPORT FOR CONTINUED INVESTMENT IN PLANNING FOR THE DELTA CONVEYANCE PROJECT (CM#2024.67)**19

Presenter: Jeff Mosher

Recommendation: To authorize the General Manager to send a letter of support for continued investment in planning for the delta conveyance project.

- B. **EXTENSION OF AGREEMENT WITH WEST COAST ADVISORS FOR LEGISLATIVE AFFAIRS (CM#2024.68)**23

Presenter: Jeff Mosher

Recommendation: To authorize the General Manager to extend the West Coast Advisors’ (WCA) Agreement to provide state legislative affairs services for an additional period of one (1) year for an amount not to exceed \$117,000.00.

- C. **AMENDMENT TO THE OWOW STEERING COMMITTEE GOVERNANCE DOCUMENT –APPOINTMENT OF ALTERNATE REPRESENTATIVES (CM#2024.69)**27

Presenter: Jeff Mosher

Recommendation: To approve the Amendment to the Santa Ana IRWMP “One Water One Watershed” Governance document dated January 15, 2013, allowing for the appointment of alternate representatives.

- D. **SANTA ANA RIVER WATERSHED CLIMATE ADAPTATION AND RESILIENCE PLAN REQUEST FOR PROPOSALS (CM#2024.70)**33

Presenter: Rachel Gray

Recommendation: To authorize the General Manager, or his designee, to issue a Request for Proposals to develop a Climate Adaptation and Resilience Plan for the Santa Ana River Watershed.

7. INFORMATIONAL REPORTS

Recommendation: Receive for information.

- A. **GENERAL MANAGER REPORT**125

Presenter: Jeff Mosher

- B. **CHAIR’S COMMENTS/REPORT**

- C. **COMMISSIONERS’ COMMENTS**

- D. **COMMISSIONERS’ REQUEST FOR FUTURE AGENDA ITEMS**

8. CLOSED SESSION

- A. **CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9: one case | PFAS Regional Analysis Phase II Update

- B. **PURSUANT TO GOVERNMENT CODE SECTION 54957 – PUBLIC EMPLOYEE ANNUAL PERFORMANCE EVALUATION**

Title: General Manager

9. CLOSED SESSION REPORT

10. 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.gov 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.gov, 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 November 27, 2024, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.gov and posted at SAWPA's office at 11615 Sterling Avenue, Riverside, California.

2024 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 1/2/24 Commission Workshop [cancelled] 1/16/24 Regular Commission Meeting | February 2/6/24 Commission Workshop 2/20/24 Regular Commission Meeting |
| March 3/5/24 Commission Workshop [cancelled] 3/19/24 Regular Commission Meeting | April 4/2/24 Commission Workshop 4/16/24 Regular Commission Meeting [cancelled] |
| May 5/7/24 Commission Workshop [cancelled] 5/21/24 Regular Commission Meeting 5/7 – 5/9/24 ACWA Spring Conference, Sacramento, CA | June 6/4/24 Commission Workshop 6/18/24 Regular Commission Meeting |
| July 7/2/24 Commission Workshop 7/16/24 Regular Commission Meeting | August 8/6/24 Commission Workshop 8/20/24 Regular Commission Meeting |
| September 9/3/24 Commission Workshop 9/17/24 Regular Commission Meeting | October 10/1/24 Commission Workshop 10/15/24 Regular Commission Meeting |
| November 11/5/24 Commission Workshop 11/19/24 Regular Commission Meeting | December 12/3/24 Commission Workshop 12/17/24 Regular Commission Meeting 12/3 – 12/5/24 ACWA Fall Conference, Palm Springs, CA |

2025 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 1/7/25 Commission Workshop 1/21/25 Regular Commission Meeting | February 2/4/25 Commission Workshop 2/18/25 Regular Commission Meeting |
| March 3/4/25 Commission Workshop 3/18/25 Regular Commission Meeting | April 4/1/25 Commission Workshop 4/15/25 Regular Commission Meeting |
| May 5/6/25 Commission Workshop 5/20/25 Regular Commission Meeting 5/13 – 5/15/25 ACWA Spring Conference, Monterey, CA | June 6/3/25 Commission Workshop 6/17/25 Regular Commission Meeting |
| July 7/1/25 Commission Workshop 7/15/25 Regular Commission Meeting | August 8/5/25 Commission Workshop 8/19/25 Regular Commission Meeting |
| September 9/2/25 Commission Workshop 9/16/25 Regular Commission Meeting | October 10/7/25 Commission Workshop 10/21/25 Regular Commission Meeting |
| November 11/4/25 Commission Workshop 11/18/25 Regular Commission Meeting | December 12/2/25 Commission Workshop 12/16/25 Regular Commission Meeting 12/2 – 12/4/25 ACWA Fall Conference, San Diego, CA |

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.gov/sawpa-calendar/>

MONTH OF: DECEMBER 2024

| DATE | TIME | MEETING DESCRIPTION | LOCATION |
|----------|----------|--|---|
| 12/3/24 | 8:30 AM | PA 23 Committee Mtg | CANCELLED |
| 12/3/24 | 10:00 AM | PA 24 Committee Mtg | Hybrid (SAWPA & Virtual/Teleconference) |
| 12/10/24 | 8:30 AM | PA 22 Committee Mtg | CANCELLED |
| 12/16/24 | 9:30 AM | Emerging Constituents Program Task Force Mtg | Virtual/Teleconference |
| 12/19/24 | 4:00 PM | LESJWA Board of Directors Mtg | Hybrid (Elsinore Valley MWD, 31315 Chaney Street, Lake Elsinore, CA 92530 & Virtual/Teleconference) |

MONTH OF: JANUARY 2025

| DATE | TIME | MEETING DESCRIPTION | LOCATION |
|---------|----------|---|---|
| 1/7/25 | 10:00 AM | PA 24 Committee Mtg | Hybrid (SAWPA & Virtual/Teleconference) |
| 1/15/25 | 1:00 PM | Lake Elsinore/Canyon Lake TMDL 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
NOVEMBER 19, 2024**

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

**COMMISSIONERS PRESENT;
NON-VOTING**

Gil Botello, Alternate, San Bernardino Valley Municipal Water District

STAFF PRESENT

Jeff Mosher, Karen Williams, Shavonne Turner, David Ruhl, Rachel
Gray, Ian Achimore, Marie Jauregui, Dean Unger, John Leete, Sara
Villa, Zyanya Ramirez

OTHERS PRESENT

Andrew D. Turner, Lagerlof, LLP; Ken Tam, Inland Empire Utilities
Agency; Mallory O’Conor, Western Municipal Water District; Lisa
Haney, Orange County Water District; Adekunle Ojo, San
Bernardino Valley 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: NOVEMBER 5, 2024

Recommendation: Approve as posted.

MOVED, to approve the Consent Calendar as posted.

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

6. NEW BUSINESS

A. SANTA ANA RIVER REACH 3 TOTAL DISSOLVED SOLIDS SPECIAL STUDY REQUEST FOR PROPOSALS (CM#2024.63)

Ian Achimore provided a presentation on the Santa Ana River Reach 3 Total Dissolved Solids Special Study Request for Proposals, contained in the agenda packet on pages 15-33. The Basin Monitoring Program Task Force (BMP Task Force) was formed in 2004 to conduct water quality analysis and reports on Total Dissolved Solids (TDS) and nitrates in the watershed. The current concern is fluctuating TDS levels in Reach 3, which stretches from Mission Inn Boulevard to Prado Dam, and has seen several instances where TDS exceeded regulatory limits (700 mg/L). The task force is seeking approval for a consultant to create a comprehensive monitoring plan to investigate the reasons behind these fluctuations, particularly in non-storm conditions (base flow). This will involve a detailed assessment of surface and groundwater interactions, with the goal of improving the understanding of TDS variations and contributing to regulatory models.

The scope of work includes designing a monitoring plan that details what to monitor, where, and the associated costs, with a focus on achieving cost-effective data collection. The monitoring effort will span at least three years. The project is funded by dues from member agencies of the BMP Task Force, and the monitoring plan is expected to be developed in 2025, with the subsequent monitoring starting in 2026. The goal is to provide sound scientific data that can help guide future water quality management efforts and assist in regulatory compliance with the Regional Board.

Commissioner Hall asked what the total length of the area of interest (AOI) for the RFP (including the Santa Ana River Reach 3 and the tributaries). Mr. Achimore noted that it is about 18-20 miles, though he will provide the exact amount once confirmed. The proposed RFP schedule is to release the RFP with Commission approval, questions/comments are due January 13, 2025, and RFP submittal deadline January 23, 2025, and with Commission approval select the consultant February 18, 2025.

Commissioner Harrison asked what the preliminary estimate is anticipated to be? Mr. Achimore noted they do not have an exact estimate of the cost, some funding has been budgeted but the final amount will depend on several factors, such as whether the consultant decides to include groundwater in their analysis, and the technology they have available. The challenges in predicting costs include variables like vegetation levels and water evaporation, which may impact the scope and complexity of the project. The budgeting process is ongoing, and discussions are taking place with the BMP Task Force.

Commissioner Gardner asked if the consultant proposes groundwater monitoring will come back to Commission. Mr. Achimore noted that the scope of monitoring will be determined after the initial approval and will be reviewed in a draft, which may include groundwater monitoring. The Task Force has the authority to remove groundwater monitoring from the final plan if they choose. The Task Force will have ongoing flexibility to make decisions throughout the process, with regular updates and discussions occurring monthly, rather than making a final decision all at once. This ensures that the Task Force can assess whether groundwater monitoring is necessary and cost-effective.

MOVED, to direct the General Manager to issue Requests for Proposals (RFPs) for a Monitoring Plan – Santa Ana River Reach 3 Total Dissolved Solids Special Study.

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

B. FISCAL YEAR 2025-2026 AND FISCAL YEAR 2026-2027 BUDGET SCHEDULE (CM#2024.64)

Karen Williams referenced the Fiscal Year 2025-26 and 2026-27 Budget Schedule contained on page 109 of the agenda packet and provided a verbal report. SAWPA Staff will hold several Budget Workshops where each member agency's financial staff will have an opportunity to review, discuss, and recommend changes to the budget. The budget will be presented to the Commission in segments for each project with the opportunity to approve the full comprehensive budget in April or May timeframe, and have it ratified by each one of the member agencies by June 30, 2025.

This item is to receive and file; no action was taken on agenda item no. 6.B.

7. INFORMATIONAL REPORTS

Recommendation: Receive for Information.

A. CASH TRANSACTIONS REPORT – SEPTEMBER 2024

Presenter: Karen Williams

B. INTER-FUND BORROWING – SEPTEMBER 2024 (CM#2024.65)

Presenter: Karen Williams

C. PERFORMANCE INDICATORS/FINANCIAL REPORTING – SEPTEMBER 2024 (CM#2024.66)

Presenter: Karen Williams

D. PROJECT AGREEMENT 25 – OWOW FUND – FINANCIAL REPORT, AUGUST 2024

Presenter: Karen Williams

E. PROJECT AGREEMENT 26 – ROUNDTABLE FUND – FINANCIAL REPORT, AUGUST 2024

Presenter: Karen Williams

F. STATE LEGISLATIVE REPORT

Jeff Mosher informed the Commission that the Climate Bond Proposition 4 has passed, currently receiving 59% of the vote. This includes an IRWM (Integrated Regional Water Management) component, though the specific implications for the project will become clear in time. West Coast Advisors will be presenting their quarterly report in December and will provide further details on this matter.

Commissioner Gardner added that Western Water received a briefing at their last board meeting regarding California Water for all working group. Senate Bill 366 will return as a differently numbered bill, with Senator Caballero still aiming to be the primary author. She is working on making the bill a priority piece of legislation, which means it will be introduced earlier in the legislative session.

G. GENERAL MANAGER REPORT

Jeff Mosher highlighted the upcoming agenda items for the meetings in December. On December 3rd, the CARP RFP will be brought forward for approval to release the RFP. On December 17th, SAWPA's Audit will be presented. There may also be a meeting on January 7th, but this is uncertain and will depend on several factors, which will be clarified in early December. Additionally, discussions with the general managers of member agencies have led to a delay in the rotation of officers, which typically occurs in January. Due to how assignments to various boards are handled, this will now take place in February, after the member agencies have appointed their representatives.

Mr. Mosher noted that Frank McDonough submitted the Cloud Seeding draft report with preliminary results, and staff is currently reviewing it. Once finalized, the report will include an estimate of the increase in acre-feet, which will help gauge the effectiveness of the project. While the results are still preliminary, they will be shared with the public.

Additionally, the operations contractor, NAWC, was sold to a company called Rainmaker, which specializes in drone-based seeding technology. Rainmaker, established in 2023 and based in El Segundo, now owns NAWC but continues to operate with the same staff. Mr. Mosher emphasized that there are no significant changes expected due to the purchase, but the commission will be kept informed of any developments. Mr. Mosher informed the Commission that the OWOW Steering Committee meeting is scheduled for Thursday, November 21st at SAWPA.

H. CHAIR'S COMMENTS/REPORT

Chair Whitaker commended SAWPA staff (Ian and Rachel) for attending the Orange County Water District's Board meeting and delivering a well-received presentation on the Santa Ana River Trail.

I. COMMISSIONERS' COMMENTS

Commissioner Harrison expressed concerns with SAWPA meetings being scheduled at the same time as member agency board meetings, citing the Santa Ana Sucker meeting as an example. He emphasized the importance of avoiding scheduling conflicts with both commission and member agency board meetings and suggested creating a standard to prevent this. Additionally, Commissioner Harrison noted that the December 3rd meeting falls during the ACWA Annual Conference. While he will attend the meeting online, he asked if this timing is problematic for others and suggested cancelling the meeting. Commissioner Hall noted she also will be attending the December 3rd Commission meeting remotely because she will be at the CRWUA Annual Conference in Las Vegas. Mr. Mosher noted that staff will look into following up with each Commissioner to confirm there is no scheduling conflict and how they will be attending.

J. COMMISSIONERS' REQUEST FOR FUTURE AGENDA ITEMS

There were no requests for future agenda items from the Commission.

Chair Whitaker recessed the meeting at 10:04 a.m. for Closed Session.

8. CLOSED SESSION

- A. **PURSUANT TO GOVERNMENT CODE SECTION 54957 – PUBLIC EMPLOYEE ANNUAL PERFORMANCE EVALUATION**
Title: General Manager

9. CLOSED SESSION REPORT

Chair Whitaker resumed the Open Session at 10:28 a.m. and Legal Counsel, Andy Turner announced that the Commission received a report from Counsel; no action was taken on Agenda Item No. 8.A.

10. ADJOURNMENT

There being no further business for review, Chair Whitaker adjourned the meeting at 10:29 a.m.

Approved at a Regular Meeting of the Santa Ana Watershed Project Authority Commission on Tuesday, December 3, 2024.

Bruce Whitaker, Chair

Attest:

Sara Villa, Clerk of the Board

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*Santa Ana Watershed
Project Authority*



Finance Department

Santa Ana Watershed Project Authority
TREASURER'S REPORT

October 2024

During the month of October 2024, the Agency's actively managed temporary idle cash earned a return of 3.440%, representing interest earnings of \$40,786. Additionally, the Agency's position in overnight funds L.A.I.F. generated \$213,803 in interest, resulting in \$254,589 of interest income from all sources. Please note that this data represents monthly earnings only and does not indicate actual interest received. There were zero (0) investment positions purchased, zero (0) positions sold, one (1) position matured, and zero (0) positions were called.

This Treasurer's Report is in compliance with SAWPA's Statement of Investment Policy. Based upon the liquidity of the Agency's investments, this report demonstrates the ability to meet customary expenditures during the next six months.

November 13, 2024

Prepared and submitted by:

A handwritten signature in black ink that reads 'Karen Williams'.

Karen L. Williams, Deputy GM/Chief Financial Officer

Santa Ana Watershed Project Authority

INVESTMENT PORTFOLIO - MARKED TO MARKET - UNREALIZED GAINS & LOSSES

October 31, 2024

SAWPA primarily maintains a 'Buy and Hold' investment philosophy, with all investments held by US Bank via a third-party safekeeping contract.

| Investment | Security | | Purchase | Maturity | Call Date | | Yield To | Investment | Market Value | Unrealized | Coupon | Interest | |
|------------|-------------------------------|-----------|----------|----------|-----------|-----------|-----------------|------------|-----------------|-----------------|-------------|----------|-------------|
| Type | Type | CUSIP | Dealer | Date | Date | (if appl) | Par Value | Maturity | Cost | Current Month | Gain/(Loss) | Rate | Earned |
| Agency | FHLB | 3130A3GE8 | MBS | 02-04-20 | 12-13-24 | No Call | \$ 500,000.00 | 1.414% | \$ 531,250.00 | \$ 498,722.18 | \$ (32,528) | 2.750% | \$ 600.51 |
| Agency | FHLB | 3130ASWP0 | MBS | 08-30-22 | 11-27-24 | No Call | \$ 1,000,000.00 | 3.652% | \$ 1,000,000.00 | \$ 998,964.40 | \$ (1,036) | 3.650% | \$ 3,101.70 |
| Agency | FHLB | 3130ATT31 | MBS | 10-28-22 | 10-03-24 | No Call | \$ - | 4.500% | \$ - | \$ - | \$ - | 4.500% | \$ 369.86 |
| Agency | FHLB | 3130ATHWO | WMS | 11-04-22 | 09-10-27 | No Call | \$ 1,000,000.00 | 4.125% | \$ 991,965.00 | \$ 1,001,544.48 | \$ 9,579 | 4.125% | \$ 3,503.42 |
| Agency | FHLB | 3130ATUR6 | MBS | 06-06-23 | 12-13-24 | No Call | \$ 500,000.00 | 4.629% | \$ 499,966.50 | \$ 499,814.64 | \$ (152) | 4.625% | \$ 1,965.74 |
| Agency | FHLB | 3130AWC24 | MBS | 06-06-23 | 06-09-28 | No Call | \$ 500,000.00 | 3.889% | \$ 502,505.00 | \$ 498,146.93 | \$ (4,358) | 4.000% | \$ 1,278.58 |
| Agency | FHLB | 3130AWN63 | WMS | 01-25-24 | 06-30-28 | No Call | \$ 1,000,000.00 | 4.020% | \$ 999,170.00 | \$ 996,155.58 | \$ (3,014) | 4.000% | \$ 1,278.58 |
| Agency | FNMA | 3135G0X24 | MBS | 02-04-20 | 01-07-25 | No Call | \$ 500,000.00 | 1.398% | \$ 505,380.00 | \$ 497,104.60 | \$ (8,275) | 1.625% | \$ 593.71 |
| Agency | FNMA | 3135G05X7 | WMS | 10-30-20 | 08-25-25 | No Call | \$ 1,000,000.00 | 0.460% | \$ 995,952.00 | \$ 967,900.52 | \$ (28,051) | 0.375% | \$ 390.68 |
| Agency | USTN | 91282CAZ4 | WMS | 04-19-21 | 11-30-25 | No Call | \$ 1,000,000.00 | 0.761% | \$ 982,500.00 | \$ 958,593.75 | \$ (23,906) | 0.375% | \$ 646.04 |
| Agency | USTN | 912828ZTO | WMS | 09-15-21 | 05-31-25 | No Call | \$ 1,000,000.00 | 0.530% | \$ 989,726.56 | \$ 975,859.38 | \$ (13,867) | 0.250% | \$ 450.29 |
| CD | Beal Bank USA | 07371DEV5 | MBS | 08-17-22 | 08-12-26 | No Call | \$ 245,000.00 | 3.200% | \$ 245,000.00 | \$ 241,407.24 | \$ (3,593) | 3.200% | \$ 665.86 |
| CD | Synchrony Bank | 87164XP34 | MBS | 08-12-22 | 08-12-25 | No Call | \$ 245,000.00 | 3.350% | \$ 245,000.00 | \$ 243,137.12 | \$ (1,863) | 3.350% | \$ 74.44 |
| CD | Capital One Bank USANA | 14042TGJ0 | MBS | 05-25-22 | 05-25-27 | No Call | \$ 246,000.00 | 3.200% | \$ 246,000.00 | \$ 241,358.11 | \$ (4,642) | 3.200% | \$ 668.58 |
| CD | Morgan Stanley Private Bank | 61768UAT4 | MBS | 11-15-22 | 11-15-27 | 11-15-23 | \$ 248,000.00 | 5.000% | \$ 248,000.00 | \$ 247,972.95 | \$ (27) | 5.000% | \$ 1,053.15 |
| CD | Prime Alliance Bank | 74160NJF8 | MBS | 11-17-22 | 11-17-27 | 05-17-23 | \$ 248,000.00 | 4.950% | \$ 248,000.00 | \$ 248,054.13 | \$ 54 | 4.950% | \$ 1,042.62 |
| CD | Cooperative Center FSU | 21686MAA6 | MBS | 12-29-22 | 12-29-25 | No Call | \$ 249,000.00 | 4.650% | \$ 249,000.00 | \$ 250,362.36 | \$ 1,362 | 4.650% | \$ 983.38 |
| CD | Affinity Bank | 00833JQA4 | MBS | 03-17-23 | 03-17-28 | No Call | \$ 248,000.00 | 4.900% | \$ 248,000.00 | \$ 255,516.79 | \$ 7,517 | 4.900% | \$ 1,032.09 |
| CD | Discover Bank | 2546732V7 | MBS | 03-22-23 | 03-23-27 | No Call | \$ 243,000.00 | 5.050% | \$ 243,000.00 | \$ 248,923.93 | \$ 5,924 | 5.050% | \$ 1,042.24 |
| CD | Global Fed CR UN Alaska | 37892MAF1 | MBS | 05-12-23 | 05-12-27 | No Call | \$ 249,000.00 | 4.600% | \$ 249,000.00 | \$ 252,774.96 | \$ 3,775 | 4.600% | \$ 972.81 |
| CD | UBS Bank USA | 90355GDJ2 | MBS | 05-17-23 | 05-17-27 | No Call | \$ 249,000.00 | 4.550% | \$ 249,000.00 | \$ 252,498.15 | \$ 3,498 | 4.550% | \$ 962.23 |
| CD | BMW Bank of North Americ | 05580A2G8 | MBS | 06-16-23 | 06-16-26 | No Call | \$ 244,000.00 | 4.600% | \$ 244,000.00 | \$ 245,913.02 | \$ 1,913 | 4.600% | \$ 953.27 |
| CD | Barclays Bank Delaware | 06740KRW9 | MBS | 07-26-23 | 07-28-25 | No Call | \$ 243,000.00 | 5.100% | \$ 243,000.00 | \$ 244,301.35 | \$ 1,301 | 5.100% | \$ 1,052.56 |
| CD | Farmers Insurance Group | 30960QAS6 | MBS | 07-26-23 | 07-27-26 | No Call | \$ 248,000.00 | 5.100% | \$ 248,000.00 | \$ 252,354.18 | \$ 4,354 | 5.100% | \$ 1,074.21 |
| CD | Chartway Federal Credit Union | 16141BAQ4 | MBS | 09-08-23 | 09-08-27 | No Call | \$ 248,000.00 | 5.000% | \$ 248,000.00 | \$ 255,008.25 | \$ 7,008 | 5.000% | \$ 1,053.15 |
| CD | Greenstate Credit Union | 39573LEM6 | MBS | 09-26-23 | 09-26-28 | No Call | \$ 248,000.00 | 5.000% | \$ 248,000.00 | \$ 257,531.77 | \$ 9,532 | 5.000% | \$ 1,053.15 |
| CD | Empower Fed Credit Union | 291916AA2 | MBS | 09-29-23 | 09-29-27 | No Call | \$ 248,000.00 | 5.100% | \$ 248,000.00 | \$ 255,847.25 | \$ 7,847 | 5.100% | \$ 1,074.21 |
| CD | US Alliance Fed Credit Union | 90352RDF9 | MBS | 09-29-23 | 09-29-28 | No Call | \$ 248,000.00 | 5.100% | \$ 248,000.00 | \$ 258,449.21 | \$ 10,449 | 5.100% | \$ 1,074.21 |
| CD | Numerica Credit Union | 67054NBN2 | MBS | 11-10-23 | 11-10-26 | No Call | \$ 248,000.00 | 5.550% | \$ 248,000.00 | \$ 255,483.66 | \$ 7,484 | 5.550% | \$ 1,169.00 |
| CD | Heritage Community Cr Un | 42728MAB0 | MBS | 11-15-23 | 11-16-26 | No Call | \$ 248,000.00 | 5.450% | \$ 248,000.00 | \$ 255,095.78 | \$ 7,096 | 5.450% | \$ 1,147.93 |
| CD | Members Trust of SW FCU | 585899AG2 | MBS | 01-19-24 | 01-19-29 | No Call | \$ 249,000.00 | 4.000% | \$ 249,000.00 | \$ 249,583.08 | \$ 583 | 4.000% | \$ 845.92 |
| CD | Hughes FCU | 444425AL6 | MBS | 01-29-24 | 01-29-27 | No Call | \$ 249,000.00 | 4.400% | \$ 249,000.00 | \$ 251,237.48 | \$ 2,237 | 4.400% | \$ 930.51 |
| CD | Farmers & Merchants TR | 308693BG4 | MBS | 01-30-24 | 02-01-27 | No Call | \$ 249,000.00 | 4.150% | \$ 249,000.00 | \$ 249,906.88 | \$ 907 | 4.150% | \$ 877.64 |
| CD | Nicolet National Bank | 654062LP1 | MBS | 03-08-24 | 03-08-29 | No Call | \$ 249,000.00 | 4.250% | \$ 249,000.00 | \$ 252,066.33 | \$ 3,066 | 4.250% | \$ 898.79 |
| CD | Medallion Bank | 58404DUP4 | MBS | 03-13-24 | 03-15-27 | No Call | \$ 249,000.00 | 4.600% | \$ 249,000.00 | \$ 252,443.13 | \$ 3,443 | 4.600% | \$ 972.81 |
| CD | Wells Fargo Bank | 949764MZ4 | MBS | 03-12-24 | 03-12-27 | No Call | \$ 249,000.00 | 4.500% | \$ 249,000.00 | \$ 251,923.73 | \$ 2,924 | 4.500% | \$ 951.66 |
| CD | Toyota Financial SGS Bank | 89235MPN5 | MBS | 05-24-24 | 05-24-29 | No Call | \$ 244,000.00 | 4.600% | \$ 244,000.00 | \$ 250,516.03 | \$ 6,516 | 4.600% | \$ 953.27 |
| CD | First Foundation Bank | 32026U5U6 | MBS | 05-22-24 | 05-22-29 | No Call | \$ 244,000.00 | 4.600% | \$ 244,000.00 | \$ 250,510.05 | \$ 6,510 | 4.600% | \$ 953.27 |
| CD | Alliant Credit Union | 01882MAD4 | MBS | 12-30-22 | 12-30-25 | No Call | \$ 248,000.00 | 5.100% | \$ 248,000.00 | \$ 250,634.51 | \$ 2,635 | 5.100% | \$ 1,074.21 |

| | | | | | | | | | | | | | |
|--------------------------------------|--|--|--|--|--|--|------------------|--|------------------|------------------|------------|--------|--------------|
| Total Actively Invested Funds | | | | | | | \$ 14,923,000.00 | | \$ 14,921,415.06 | \$ 14,913,617.89 | \$ (7,797) | 3.440% | \$ 40,786.29 |
|--------------------------------------|--|--|--|--|--|--|------------------|--|------------------|------------------|------------|--------|--------------|

| | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|------------------|--|--|--------|---------------|
| Total Local Agency Investment Fund | | | | | | | | | \$ 55,718,277.44 | | | 4.518% | \$ 213,802.48 |
|---|--|--|--|--|--|--|--|--|------------------|--|--|--------|---------------|

| | | | | | | | | | | | | | |
|----------------------------|--|--|--|--|--|--|------------------|--|------------------|--|--|--------|---------------|
| Total Invested Cash | | | | | | | \$ 14,923,000.00 | | \$ 70,639,692.50 | | | 4.290% | \$ 254,588.77 |
|----------------------------|--|--|--|--|--|--|------------------|--|------------------|--|--|--------|---------------|

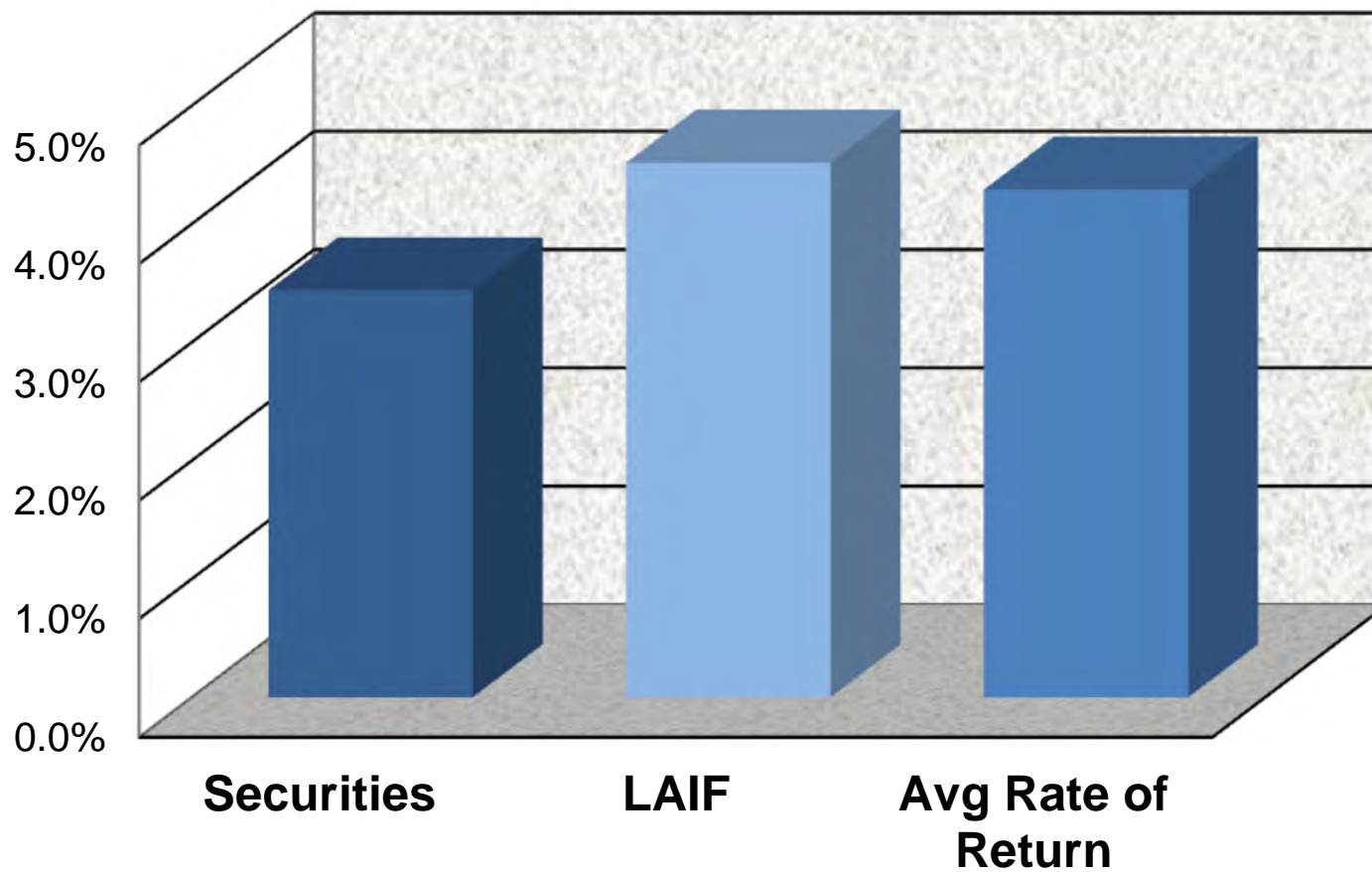
Key to Security Types:

| | |
|-------|--|
| FHLB | = Federal Home Loan Bank |
| FHLMC | = Federal Home Loan Mortgage Corporation |
| FNMA | = Federal National Mortgage Association |
| USTN | = US Treasury Note |
| CORP | = Corporate Note |
| CD | = Certificate of Deposit |
| GDB | = Goldman Sachs Bank |
| AEC | = American Express Centurion |

Key to Dealers:

| | |
|-----|-----------------------------|
| FCS | = FinaCorp Securities |
| MBS | = Multi-Bank Securities |
| MS | = Mutual Securities |
| RCB | = RBC Dain Rauscher |
| SA | = Securities America |
| TVI | = Time Value Investments |
| WMS | = Wedbush Morgan Securities |

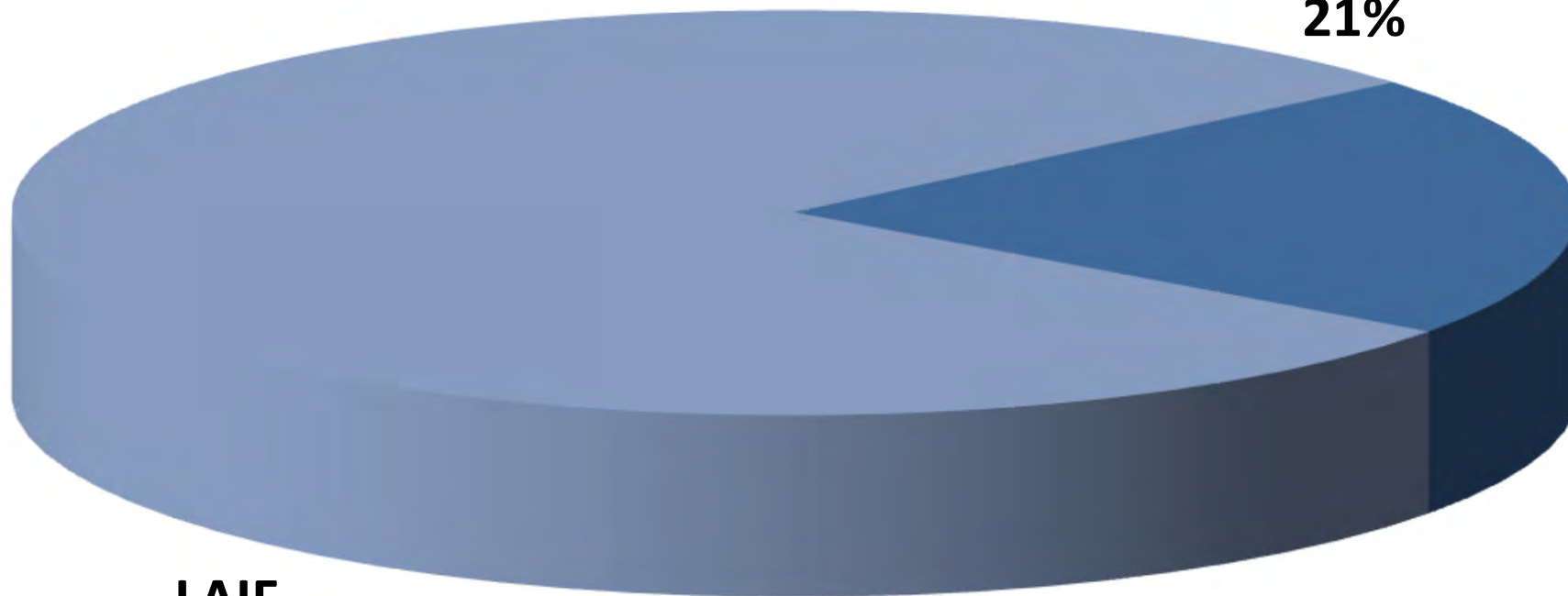
Interest Rate Analysis



Investments

\$70,639,693

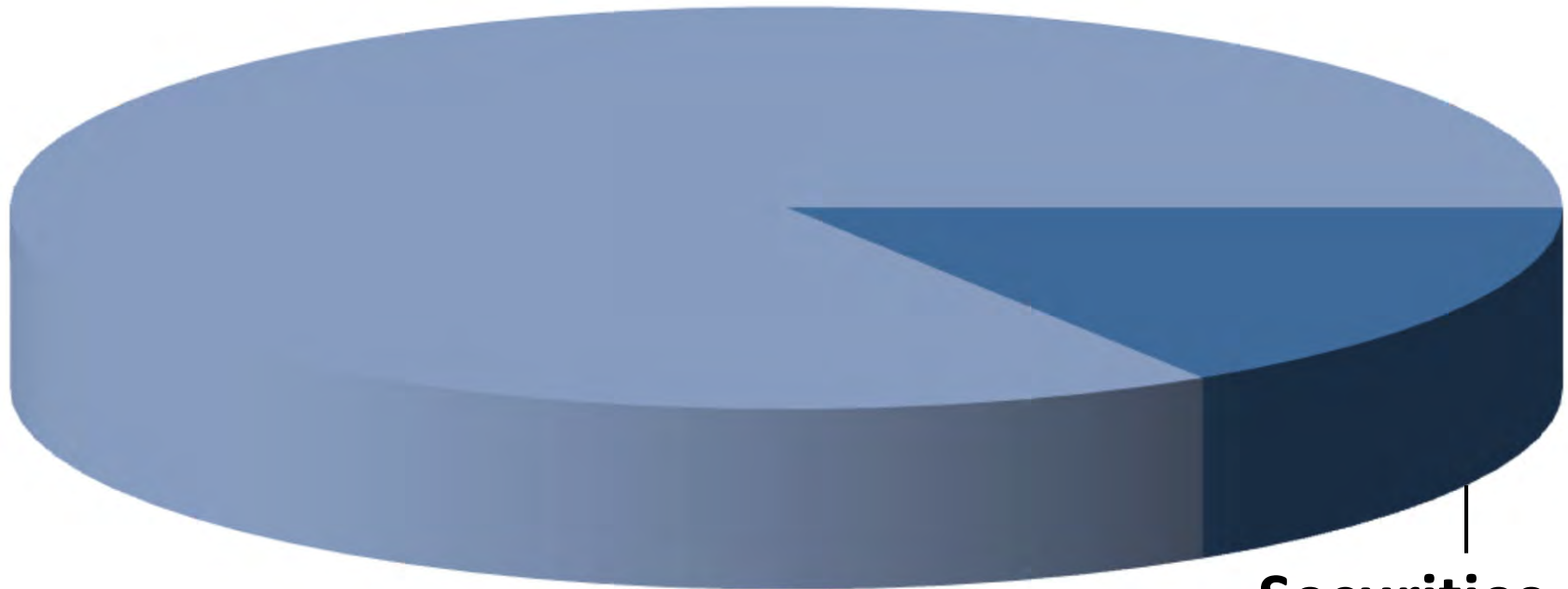
**Securities,
\$14,921,415,
21%**



**LAIF,
\$55,718,277,
79%**

Interest
\$254,589

LAIF,
\$213,802,
84%



Securities,
\$40,786,
16%

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COMMISSION MEMORANDUM NO. 2024.67

DATE: December 3, 2024

TO: SAWPA Commission

SUBJECT: Letter of Support for Continued Investment in Planning for the Delta Conveyance Project

PREPARED BY: Jeff Mosher, General Manager

RECOMMENDATION

It is recommended that the Commission authorize the General Manager to send a letter of support for continued investment in planning for the delta conveyance project.

DISCUSSION

On Monday, December 9, 2024, Metropolitan Water District of Southern California's (Metropolitan) One Water Committee will review a \$141.6 million funding agreement with the Department of Water Resources (DWR) to advance planning and pre-construction for the Delta Conveyance Project (DCP). Should the committee recommend approval, the Metropolitan Board will consider the agreement during their regularly scheduled meeting on Tuesday, December 10.

This decision is needed to keep the DCP on track and ensure that the necessary studies are completed to support an informed decision is ultimately made to move this project into construction. The project supports 27 million Californians. With more than 50% of our water supply flowing to us from Northern California through the Delta, this project is critical to ensure water reliability for our region.

Specifically, this funding agreement includes the approval of \$141.6 million to support the next phase of the DCP, including continued planning, design, and environmental mitigation efforts. This work would keep the DCP on track, enabling Metropolitan and the DWR to address design innovations and refine the project to ensure it is cost-effective and equitable.

Attached is a proposed letter of support.

RESOURCE IMPACTS

None.

Attachment:

1. Support Letter

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Santa Ana Watershed Project Authority

Over 50 Years of Innovation, Vision, and Watershed Leadership

December 3, 2024

The Honorable Tracy Quinn
Chair, One Water and Stewardship Committee
Metropolitan Water District of Southern California
700 N Alameda Street
Los Angeles, CA 90012

Subject: Support for Continued Investment in Planning for the Delta Conveyance Project

Dear Chair Quinn,

On behalf of Santa Ana Watershed Project Authority (SAWPA), I am writing to express our support for the Metropolitan Water District of Southern California’s (Metropolitan) continued participation and investment in the Delta Conveyance Project (DCP). Specifically, we urge Metropolitan to vote in favor of the \$141.6 million funding agreement with the Department of Water Resources (DWR) to complete planning and preconstruction efforts associated with the DCP. The DCP is a critical infrastructure project that will make California more resilient in the face of changing hydrology. SAWPA supports infrastructure modernization in the Sacramento-San Joaquin Delta (Delta) to develop a more reliable water supply future for California.

SAWPA serves as a collaborative regional agency working to protect and enhance the Santa Ana River Watershed’s water resources. Our mission encompasses integrated water supply reliability, water quality improvement, recycled water management, and groundwater sustainability. By leveraging regional partnerships, SAWPA ensures that the watershed’s water resources are managed for maximum beneficial use in an economically and environmentally responsible manner.

As you know, roughly 27 million Californians rely on the State Water Project (SWP) for their daily water needs, yet the existing conveyance system is unsustainable and threatens water supply reliability. The Inland Empire has been a model for water efficiency, decreasing use by nearly 50%, which has improved our water reliability. However, conservation alone cannot create enough water supply to meet our current and future needs. Ensuring a long-term Delta solution is critical for our water security, food security, and economic viability. The State Water Project (SWP) service area alone ranks as the world’s eighth-largest economy; we must be responsible for protecting and improving our most fundamental resource, which will allow our great state to flourish while maintaining the lifestyle Californian’s enjoy.

Because of our changing climate and state regulatory restrictions, the existing delta conveyance facilities will lose an estimated 600,000 acre-feet per year. Investments to modernize the DCP are the most cost-effective alternative to replace this supply loss and support the state’s affordability goals. In addition to the project’s affordability, water from the Delta has an important water quality benefit. This high-quality water source is imperative to reduce salinity impacts in recycled water and is ideal for groundwater replenishment projects. A more reliable Delta conveyance system would enable water managers to maximize groundwater replenishment efforts to create additional local supplies for dry years in the most financially sound way.

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
Commissioner
Eastern Municipal
Water District

Jasmin A. Hall
Commissioner
Inland Empire
Utilities Agency

Jeffrey J. Mosher
General Manager

Letter to Metropolitan Water District of Southern California

December 3, 2024

Page 2

SAWPA respectfully urges the Metropolitan Board of Directors to vote in favor of the \$141.6 million funding agreement with DWR. This funding will allow DWR to complete the DCP planning, and provide the needed information to make a well-informed decision on future construction. If you have any questions, please do not hesitate to reach out to me at jmosher@sawpa.gov or (951) 840-0428.

Sincerely,

A handwritten signature in black ink that reads "Jeff J Mosher". The signature is written in a cursive, slightly slanted style.

Jeffrey J. Mosher
General Manager
Santa Ana Watershed Project Authority

cc: Board of Directors, Metropolitan Water District of Southern California

COMMISSION MEMORANDUM NO. 2024.68

DATE: December 3, 2024

TO: SAWPA Commission

SUBJECT: Extension of Agreement with West Coast Advisors for Legislative Affairs Services

PREPARED BY: Jeff Mosher, General Manager

RECOMMENDATION:

It is recommended that the Commission authorize the General Manager to extend the West Coast Advisors' (WCA) Agreement to provide state legislative affairs services for an additional period of one (1) year for an amount not to exceed \$117,000.00.

DISCUSSION:

To assist and represent SAWPA in advocacy efforts in Sacramento, both with the State legislature and with State agencies, SAWPA has contracted with WCA for several years.

In 2018, SAWPA completed a competitive bid process where WCA was awarded a 2-year contract, with an option to extend the contract through December 2024.

WCA's performance, through Michael Boccadoro and Beth Olhasso has met all objectives and exceeded expectations during the six-years of the contract.

At this time, staff's recommendation is to extend their contract an additional year (January to December 2025) for an amount not-to-exceed \$117,000.00, which is the current contract rate.

WCA facilitates SAWPA's state legislative program tracking policies and legislation as they are developed. They develop strategies to work with SAWPA's staff and key legislators for the benefit of the Member Agencies and the watershed. Watershed efforts are coordinated during a weekly conference call with water agencies. A monthly report is prepared for presentation to the Commission. WCA provides a quarterly update for the SAWPA Commission.

CRITICAL SUCCESS FACTORS

None.

RESOURCE IMPACTS

The contract amount is included in the FYE 2024 and 2025 Budget.

Attachments:

1. Task Order with West Coast Advisors

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**SANTA ANA WATERSHED PROJECT AUTHORITY
TASK ORDER NO. WCA100-03-07**

CONSULTANT: West Coast Advisors **VENDOR NO.:**1326
925 L Street, Suite 800
Sacramento, CA 95814

COST: **\$117,000.00**

PAYMENT: Upon Receipt of Proper Invoice

REQUESTED BY: Jeffrey J. Mosher, General Manager **December 3, 2024**

FINANCE: _____
Karen Williams, Deputy GM/CFO Date

FINANCING SOURCE: Acct. Coding 100-03-60121-05
Acct. Description Consulting – State Legislative

COMMISSION AUTHORIZATION REQUIRED FOR THIS TASK ORDER: YES (X) NO ()
Authorization: December 3, 2024; CM#2024.68

This Task Order is issued upon approval and acceptance by the Santa Ana Watershed Project Authority (SAWPA) and West Coast Advisors (Consultant) pursuant to the Agreement for Services between SAWPA and Consultant, entered into on December 5, 2023, expiring December 31, 2026.

I. PROJECT NAME OR DESCRIPTION
State Governmental Relations and Lobbying Services

II. SCOPE OF WORK / TASKS TO BE PERFORMED
Consultant shall provide all labor and materials for the project to facilitate, coordinate and provide strategic counsel and advocacy services for all SAWPA legislative and regulatory efforts and requests related to water bonds and other related legislative and governmental actions and priorities, as determined by the SAWPA Commission and the General Manager. Consultant shall provide state legislative affairs services inclusive of quarterly reports before the SAWPA Commission during legislative sessions.

III. PERFORMANCE TIME FRAME
Consultant shall begin work on January 1, 2025, and shall continue the performance of such services through **December 31, 2025**.

IV. SAWPA LIAISON
Jeff Mosher 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 **\$117,000.00**. 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.

COMMISSION MEMORANDUM NO. 2024.69

DATE: December 3, 2024

TO: SAWPA Commission

SUBJECT: Amendment to the OWOW Steering Committee Governance Document – Appointment of Alternate Representatives

PREPARED BY: Jeff Mosher, General Manager

RECOMMENDATION

It is recommended that the SAWPA Commission approve the amendment to the Santa Ana IRWMP “One Water One Watershed” Governance document dated January 15, 2013, allowing for the appointment of alternate representatives.

DISCUSSION

Currently, the Santa Ana IRWMP “One Water One Watershed” Governance document dated January 15, 2013 (Governance Document), does not allow for alternate representatives to the OWOW Steering Committee. To ensure consistent representation, facilitate continuity, and enhance decision-making capabilities during times when primary members may be unavailable, it is recommended that the Governance Document be amended to allow for the appointment of alternate Committee members.

- **Designation of Alternates:** Each Steering Committee member may have one alternate who is familiar with committee topics and decision-making responsibilities.
- **Scope of Responsibilities:** Alternates will have the authority to participate fully in committee discussions and decisions when serving in the absence of the primary member.
- **Documentation Requirements:** Each appointment, including the designated alternate, should be documented in writing and submitted to the Steering Committee Secretary.

The revised Governance Document was presented to the OWOW Steering Committee on November 21, 2024 and expressed their support for the update. In accordance with the Governance Document, proposed amendments will not take effect unless they are approved by the SAWPA Commission.

RESOURCE IMPACTS.

None.

Attachments:

1. Amended Governance Document

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Santa Ana IRWMP “One Water One Watershed” Governance

Revised: ~~December 3, 2024~~ January 15, 2013

In developing the One Water One Watershed (OWOW) Integrated Regional Water Management IRWM Plan (the Plan) for the Santa Ana River, unlike other integrated regional water management planning approaches, every effort has been made to allow the key discussions of major water resource issues, concerns, problems, goals and objectives and potential solutions to originate and be first fully vetted at the stakeholder level – the stakeholders being the local agencies, organizations, and other interested parties within the Santa Ana River Watershed Region. By expanding the involvement and collaboration to the on-the-ground level, greater buy-in and support were expected and realized for this planning development process. Consequently, if one were to ask where the governance originates for the Santa Ana River Watershed Region OWOW process, we believe the identification of issues starts from the grass-roots level, the foundation of a decentralized and collaborative “big tent” approach.

SAWPA Commission

The Santa Ana Watershed Project Authority Commission (the Commission) and SAWPA staff shall be responsible for all administrative oversight for the Plan, and for coordinating all on-going administrative responsibilities associated with its implementation including arranging for meetings of the OWOW Steering Committee, preparing agendas, taking and distributing minutes of the meetings and when directed by the SAWPA General Manager, preparing staff reports, and other related duties. The Commission shall review the Plan for compliance with applicable laws and guidelines. In the event that no issues or inconsistencies with the Plan or project selection process are detected, the Commission shall approve the Plan and the Project Prioritization as submitted by the Steering Committee. Should the Commission determine that the Plan or a specific selected portfolio of projects fails to meet applicable laws and guidelines, it will refer the Plan back to the Steering Committee for further revision and subsequent re-submittal to the Commission for reconsideration and ratification.

OWOW Steering Committee

The OWOW Steering Committee shall be constituted of eleven (11) members from the three counties (Orange County, Riverside and San Bernardino) that are within the Santa Ana River Watershed regional planning area. The Steering Committee members shall serve terms of four (4) years with staggered end dates, as described below. The following describes the composition of the Steering Committee:

- One (1) Supervisor from Orange County;
- One (1) Supervisor from Riverside County;
- One (1) Supervisor from San Bernardino County;
- One (1) Mayor or City Council Member from a City within the Region within Orange County;
- One (1) Mayor or City Council Member from a City within the Region within Riverside County;
- One (1) Mayor or City Council Member from a City within the Region within San Bernardino County;
- Two (2) SAWPA Commission representatives shall be selected by the SAWPA Commission,
- One (1) member of the business community,
- One (1) member of the environmental community, and;
- One (1) member of the Regional Water Quality Control Board.

The SAWPA Commission selected and convened the initial Steering Committee members in coordination with the governmental and non-governmental entities being represented on the Steering Committee.

Steering Committee members may be appointed for multiple terms. *A seated member who loses the status upon which membership on the Steering Committee is based (e.g. leaving an elected office) will continue as a member of the Steering Committee through the balance of that Steering Committee term, or until such time that the entity that selected ~~him or her~~them selects a new representative.*

Each party shall appoint one (1) member of its governing body to serve on the OWOW Steering Committee as a Committee member and one (1) member to serve as its alternate Committee member. In the absence of the Committee member, the alternate Committee member shall act in their place.

Steering Committee members are selected as follows:

- SAWPA Commission representatives shall be selected by the SAWPA Commission.
- County Supervisors shall be selected by their respective boards
- City representatives shall be selected by a majority vote of the Council of Governments in the respective county:
 - Western Riverside County Council of Governments [WRCOG] – Riverside County;
 - San Bernardino Association of Governments [SANBAG] – San Bernardino County;
 - and
 - Orange County Council of Governments [OCCOG] – Orange County.
- Business and environmental community representatives shall be selected by a majority vote of the eight (8) governmental representatives on the Steering Committee based on an application process conducted during a public meeting.
- The Regional Water Quality Control Board representative is selected by the Santa Ana Regional Water Quality Control Board.

The Steering Committee shall be responsible for the development of the Plan. This includes receiving input from staff of their respective agencies as well as the SAWPA staff, providing direction for the development and long-term maintenance of the Plan, and development of a project prioritization process. The Steering Committee may make recommendations to the SAWPA Commission on proposed amendments to this governance document. Any such proposed amendments shall not take effect unless approved by the SAWPA Commission.

Meetings of the Steering Committee shall be scheduled at a regular time and place with an agenda posted prior to the meeting consistent with the Ralph M. Brown Act. The Steering Committee shall meet as needed with a minimum of at least an annual meeting. Minutes of the meetings shall be kept by SAWPA staff and posted on the OWOW website. Special meetings may be called and are subject to the provisions of the Ralph M. Brown Act.

In implementing the Steering Committee’s Goals and Objectives, the Steering Committee will:

- 1) Acknowledge that water resources of the Santa Ana River Watershed Region should be put to maximum beneficial use and that water waste must be prevented;

- 2) Acknowledge water as a public resource and respect existing agreements governing the water resources of the Santa Ana River Watershed Region;
- 3) Seek regional solutions for regional problems;
- 4) Encourage collaboration across boundaries and between multiple parties in project development; and
- 5) Consider sub-regional plans and planning efforts.

SAWPA Administration

The other arm to the governance of the OWOW process includes a management function conducted by the SAWPA staff. As the regional water agency for the Santa Ana River Watershed Region, SAWPA has had a long history of supporting regional collaborative efforts of this kind. As with previous IRWMP efforts for the Santa Ana River Watershed Region, SAWPA serves as support in providing administrative and facilitative assistance to the Steering Committee for the overall OWOW Plan development. In addition, SAWPA provides decision tools to assist the Steering Committee in decision-making processes, and performs significant public outreach and education about the integrated planning approach for the Santa Ana River Watershed Region.

As funding opportunities arise to implement OWOW, the Steering Committee will provide to the Commission an updated Plan and programmatic portfolio of projects specific to the funding opportunity. As noted above, the Commission will review the Plan and programmatic project portfolio to ensure that these fulfill the intent and requirements of the specific funding mechanism, any legislation authorizing the funding, all legal requirements as defined by the funding administrative agency, and equitable application of the benefits of the project portfolio across the entire region. Review of these items will be conducted by the Commission in a public meeting open to all interested stakeholders. It is understood that the Steering Committee will be responsible for the development and implementation of the project selection criteria.

Pillars

In order to manage the technical and planning work, the stakeholders are organized into separate workgroups or pillars centered around specific water resource management areas, issues, or concepts. They are identified and named by, and may be dissolved by, the Steering Committee. The Pillars support and assist SAWPA staff by, for example, offering creative ideas, conducting brainstorming, vetting ideas, assisting with regional coordination, assisting with outreach efforts, gathering or reviewing data or information, or developing or reviewing analysis. Each pillar consists of approximately 10 to 60 volunteers, depending on the topic and interest level. The volunteers include participants from local agencies, special districts, non-profit organizations, university officials, Native American Tribes, and private citizens.

Each pillar is led by a volunteer Co-Chairs with expertise in that specific aspect of water resources. The Pillar Co-Chairs are responsible for organizing, leading, and facilitating the workgroup process. The Pillar Co-Chairs are appointed as needed by the Steering Committee. No limits are placed on the duration someone may hold the position. A Pillar Co-Chair may only hold one chair position at a time.

Another role of the Pillar Co-Chairs is to provide support and input for SAWPA staff as they make recommendations to the Steering Committee about the Steering Committee OWOW goals and objectives. As technical experts in various water resource fields, the Pillar Co-Chairs provide

important feedback to the Steering Committee. The Pillar Co-Chairs periodically meet and act, in collaboration with SAWPA staff, as a technical management committee for reviewing and making recommendations to the Steering Committee and to the Commission relative to implementation of the

Plan and development of specific proposals for funding. The Pillar Co-Chairs also will support SAWPA staff as a technical management committee to provide oversight for OWOW projects.

Pillar work product development is a consensus process. Where there is disagreement on specific recommendations, the Steering Committee will provide guidance. Pillar groups will be added or subtracted based on the goals and objectives of the Steering Committee.

Pillar Co-Chairs, with assistance from SAWPA staff, are responsible for maintaining a notification list of interested stakeholders and notifying them of meetings. SAWPA staff will provide lists of interested stakeholders to Pillar Co-Chairs; however, Pillar Co-Chairs will post notifications. Pillar committee meetings shall be open to all interested parties.

Project Prioritization Development and Modification

Project prioritization for specific grant applications shall be established and maintained by the Steering Committee in coordination and with support from SAWPA staff. Stakeholders shall be allowed to comment on the development and maintenance of the project prioritization process. In addition, the Steering Committee’s role in project prioritization development and modification is to integrate regional water management goals and objectives for the region, to act as the oversight body that performs strategic decision making, crafts and adopts programmatic suites of project recommendations, and provides program advocacy necessary to optimize water resource protection for all.

AGREED TO:

SAWPA COMMISSION

OWOW STEERING COMMITTEE

COMMISSION MEMORANDUM NO. 2024.70

DATE: December 3, 2024

TO: SAWPA Commission

SUBJECT: Santa Ana River Watershed Climate Adaptation and Resilience Plan Request for Proposals

PREPARED BY: Rachel Gray, Water Resource and Planning Manager

RECOMMENDATION

To authorize the General Manager, or his designee, to issue a Request for Proposals to develop a Climate Adaptation and Resilience Plan for the Santa Ana River Watershed.

DISCUSSION

Staff is developing a strategy to supplement the One Water One Watershed (OWOW) Plan with a Regional Climate Adaptation and Resilience Plan (Plan). The Plan would define watershed-scale climate risks and vulnerabilities, develop climate adaptation strategies, develop a portfolio of planned and potential resiliency projects, connect the equity outcomes for underrepresented communities, and strengthen broad-based partnerships that advance shared interests across the watershed.

Staff applied for grant funding from the Governor's Office of Land Use and Climate Innovation (formerly Governor's Office of Planning and Research) for the Integrated Climate Adaptation and Resiliency Program Regional Resilience Planning and Implementation Grant Program and was chosen to receive grant funding. 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 Plan would advance multi-beneficial projects with a diverse range of stakeholders with a common goal to increase resilience in the watershed. The regional Plan would daylight the interconnectivity of individual and regional projects and demonstrate the upstream/downstream benefits while building on types of stakeholders engaged in the plan development. The regional Plan would also consider affordability risks and underrepresented communities related to climate vulnerabilities and establish a clear connection between resilience initiatives and equitable outcomes. This effort would provide benefits to a wide array of stakeholders (member agencies, utilities, cities, communities) and provide a mechanism for future funding from a variety of funding sources for implementation of projects that advance watershed resilience.

The roles of each entity are described below:

- SAWPA (lead applicant) brings a proven track record of working with public agencies in the region; developing, tracking and implementing large-scale grant programs; and supporting integrated water resources management in the SARW. SAWPA will provide administrative and technical oversight of the project.
- ISC3 (co-applicant) brings a proven track record of connecting and building the capacity of local government, utilities, and CBOs across the region. ISC3 is responsible for managing CBOs and soliciting community feedback in the watershed.

- Soboba (co-applicant) brings a proven track record supporting integrated water resources management planning and engaging with tribal communities. Soboba will provide the tribal perspective on climate vulnerabilities, underlying risk factors, and identifying adaptation strategies in support of tribal communities.
- Consultant: facilitate public agency engagement and provide support to co-applicants, develop plan by performing a data request and implementing an engagement strategy.

The purpose of the request for proposals (RFP) is to seek a climate-resilience experienced consultant whose approach is efficient, organized, and appropriately scaled to the planning-level analysis needed to develop the Santa Ana River Watershed CARP. The Consultant is expected to assemble a dedicated team that possesses communication skills and expertise in climate resilience planning. SAWPA expects all analyses, data, original graphics, and editable copies of all written reports to be turned over to the SAWPA at the completion of the project; no portion of the CARP will be proprietary.

The Consultant will have several primary roles defined below:

- Develop and manage the approach for the Public Agency Engagement.
- Synthesize the input from Community and Tribal engagement, coupled with the input from the Public Agency engagement.
- Develop deliverables for the project.
- Develop the draft and final CARP.
- Develop digital platform.

In addition, the consultant will provide as-needed, nominal support for the Community and Tribal engagement.

Proposal Schedule:

| Date | Event |
|------------------------------|--|
| December 3, 2024 | Release of Request for Proposals |
| December 20, 2024, 5:00 p.m. | Deadline to submit inquiries |
| January 20, 2025, 5:00 p.m. | Deadline for SAWPA Receipt of Proposals |
| January 27-30, 2025 | Interviews of select firms if needed (virtual) – hold the date |
| February 18, 2025 | SAWPA Commission Approval/Award Contract (tentative) |

CRITICAL SUCCESS FACTORS

- Leverage existing information for the benefit of SAWPA, its members, and other stakeholders.
- Active participation of a diverse group of stakeholders representing counties, cities, and water districts, as well as the tribal communities and the regulatory, community-based, and environmental justice communities who integrate the different interests in the watershed beyond political boundaries. Ensuring all perspectives are heard and valued during the development of the regional climate adaptation and resilience plan.

- SAWPA has a strong reputation and sufficient capacity within SAWPA staff for strategic facilitation, planning, communication, leadership, and community engagement.

RESOURCE IMPACTS

The Santa Ana River Watershed Project Authority has been selected as a Round 1 Grantee for the Regional Resilience Grant Program (RRGP) award of \$644,190 for the Santa Ana River Watershed Climate Adaptation and Resilience Plan. There will be no financial impact on member agencies except for staff time in responding to SAWPA staff information requests.

Attachments:

1. PowerPoint Presentation
2. Request for Proposals for development of the Santa Ana River Watershed Climate Adaptation and Resilience Plan

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SANTA ANA WATERSHED
PROJECT AUTHORITY

Santa Ana River Watershed Climate Adaptation and Resilience Plan – Request for Proposals

Commission Meeting

Item No. 6.D

Rachel Gray

Water Resources and Planning Manager

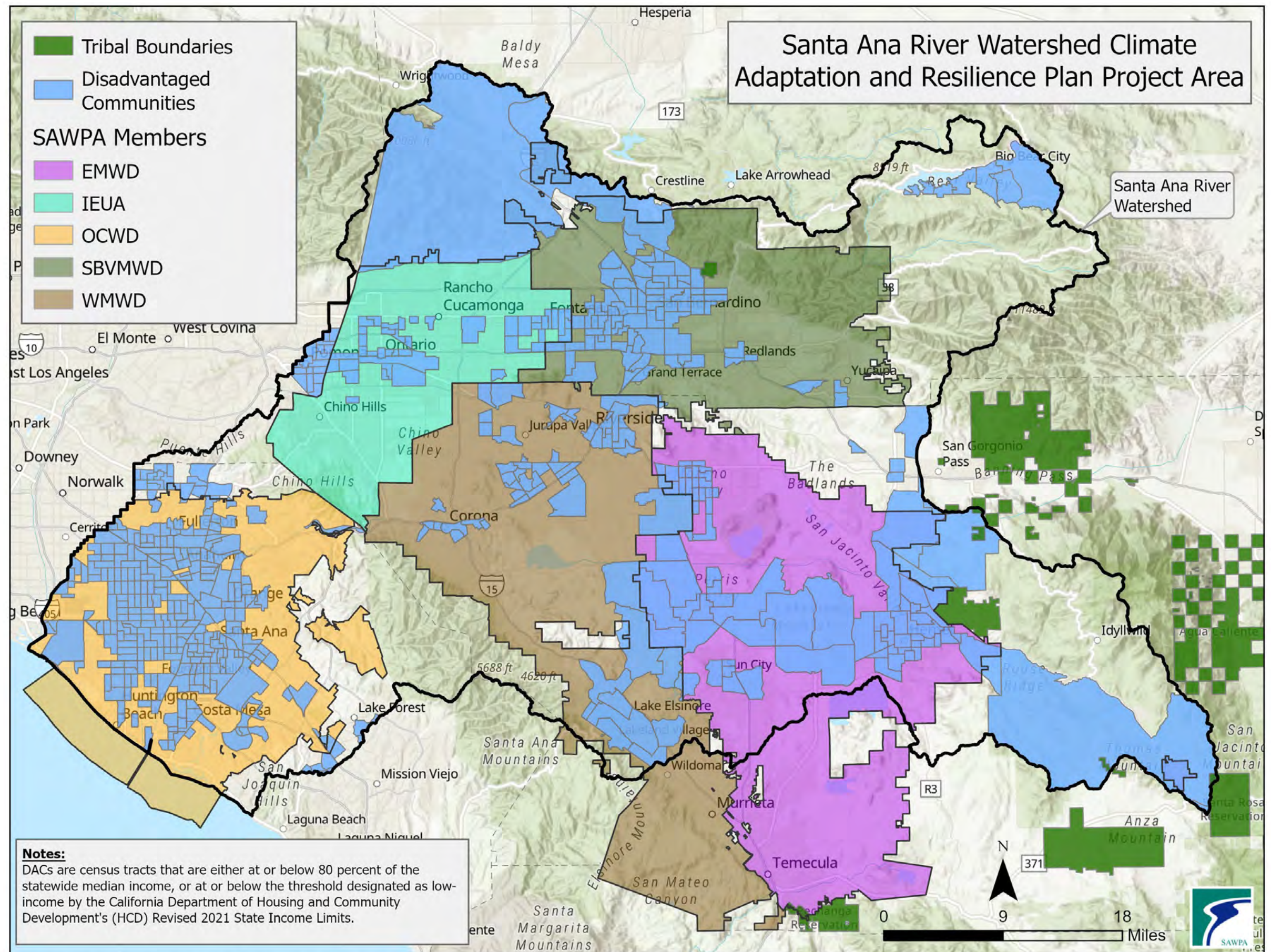
December 3, 2024

Recommendation

To authorize the General Manager, or his designee, to issue a Request for Proposals to develop a Climate Adaptation and Resilience Plan for the Santa Ana River Watershed.

Agenda

- Background on Grant Program
- CARP Background
 - Purpose
 - Benefits
 - Organizational Structure
 - Roles
- Project Workflow
 - Project Deliverables
 - Assumptions
- Schedule
- Recommendation



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Background on Grant Program

- SAWPA was awarded grant funding, in an amount of **\$644,190**, from the Governor's Office of Land Use and Climate Innovation (formerly Governor's Office of Planning and Research) Regional Resilience Grant Program (RRGP) to help build climate resilience in the Santa Ana River Watershed.
- **RRGP** funds effort to:
 - ✓ Review climate risks
 - ✓ Identify climate resilience priorities
 - ✓ Build capacity
 - ✓ Implement projects that respond to a region's greatest climate risks



Adaptation Planning Process from California Adaptation Guide, (2020)

Climate Adaptation and Resilience Plan

- **CARP Definition:**

- A CARP is a strategic framework that outlines specific actions and measures to enhance the resilience of a watershed to the impacts of climate change risks.
- A CARP aims to address the climate risks and vulnerabilities of water resources, ecosystems, and communities within the watershed by integrating regional and local adaptive management practices.

- **Purpose of a Regional CARP:**

- Develop a community-informed, stakeholder-driven, and implementation-focused Plan in support of funding regional planning and implementation projects that address the impacts of climate change risks for the region.

Benefits of CARP



Advance watershed resiliency



Define watershed-wide climate risks and vulnerabilities



Develop local and regional climate adaptation strategies



Enhance multi-jurisdictional collaboration



Provide a mechanism for future funding of member agency projects, other stakeholder projects, and regional projects

Grant: SAWPA and Co- Applicants

Lead Agency: SAWPA

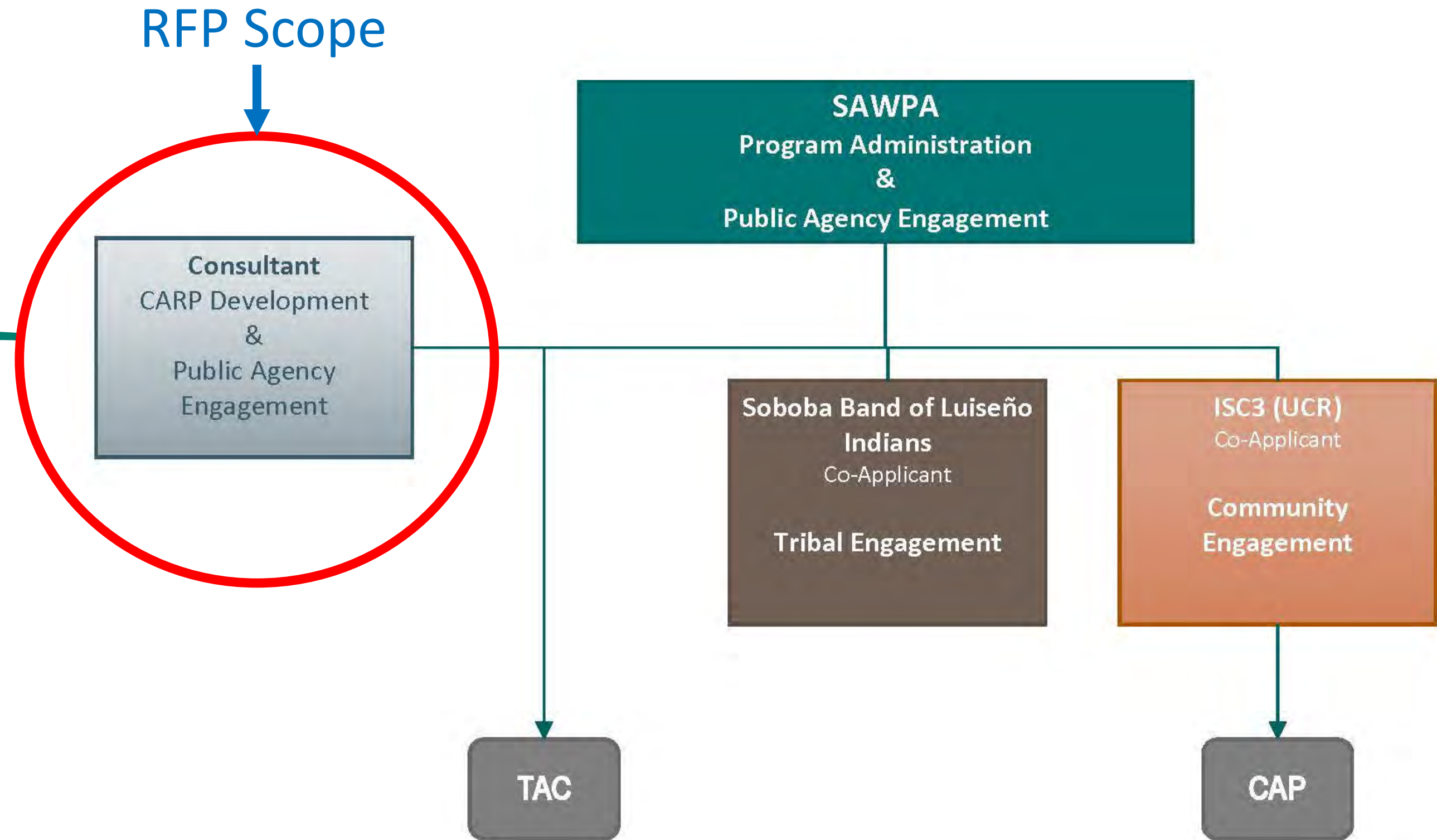
- Manage overall grant
- Secure Consultant (**subject of RFP**)
- Facilitate Technical Advisory Committee (TAC)

Co-Applicants:

- Soboba
 - ✓ Tribal Engagement
- ISC3/UC Riverside
 - ✓ Community Engagement
 - ✓ Facilitate Community Advisory Panel (CAP)

Role: SAWPA

- Execute grant agreement requirements
- Overall project management
- Responsible for CARP development
- Communicate with SAWPA member agencies
- Review with OWOW Steering Committee
- Facilitate stakeholder collaboration on climate resilience in the watershed



Technical Advisory Committee (TAC)

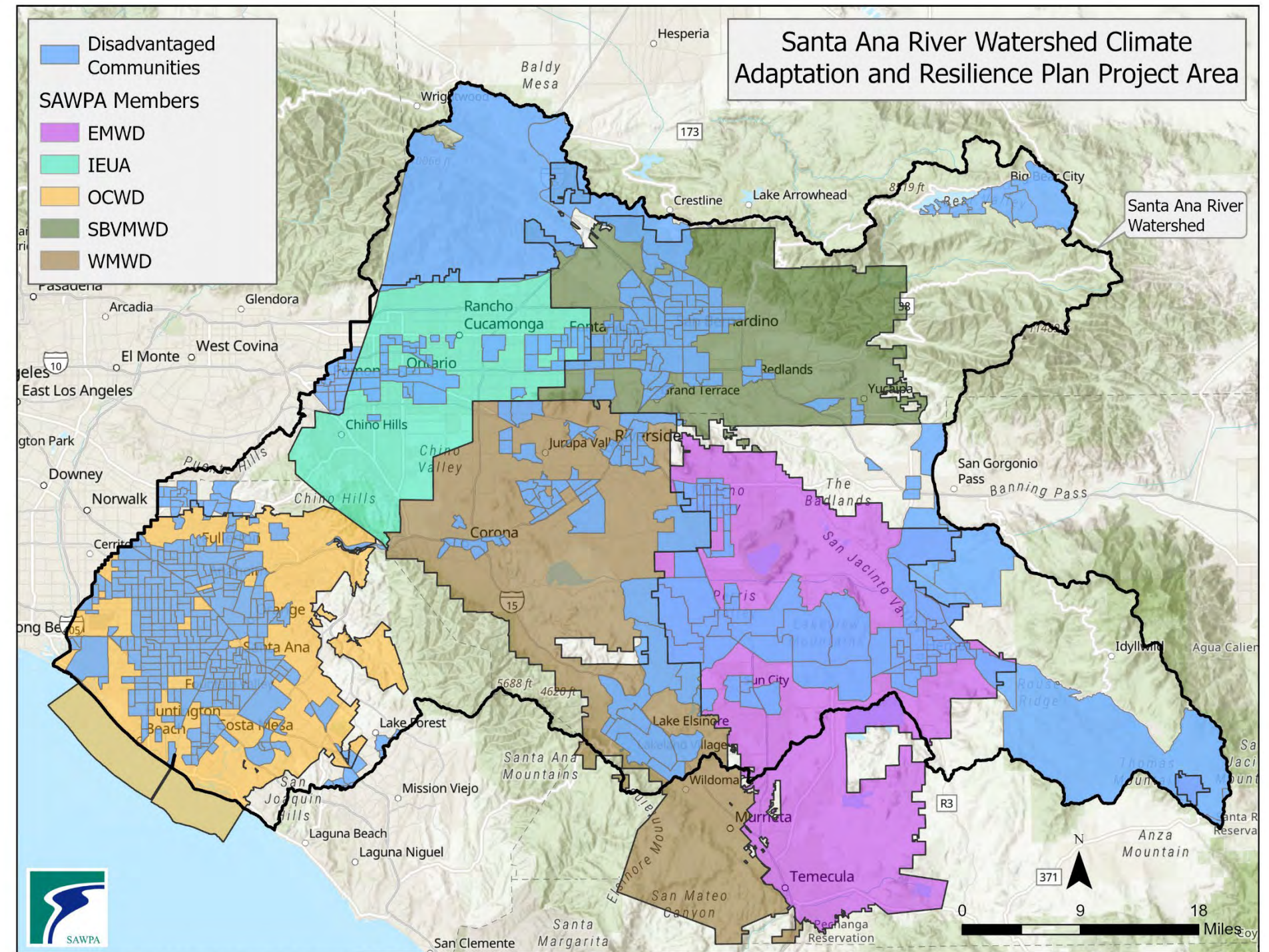
Purpose:

- Provide oversight
- Forum for public agencies to discuss CARP process and review progress
- Provide guidance and technical input on the project (climate risks, vulnerabilities, and adaptation strategies)
- Provide input on data from existing studies
- Provide input on adaptation analysis

| TAC | Entity |
|-----------------------------|--------------------------------|
| Planning Manager MA | OCWD Planning Staff |
| Planning Manager MA | SBVMWD Planning Staff |
| Planning Manager MA | EMWD Planning Staff |
| Planning Manager MA | IEUA Planning Staff |
| Planning Manager MA | WMWD Planning Staff |
| Tribal | Soboba |
| Riverside County/Water | Riverside County Flood Control |
| Orange County/Water | Orange County Watersheds |
| San Bernardino County/Water | San Bernardino Flood Control |
| Ag & Natural Resources | UC Riverside |
| Energy | Southern California Edison |
| Forest/State | United States Forest Service |
| Regional | WRCOG |
| Transportation | CalTrans |
| Regional | MWDSC |
| RWQCB (ex-officio) | Santa Ana Regional Board |

Role: Inland Southern California Climate Collaborative (ISC3) / UC Riverside

- ISC3
 - Administered by UC Riverside's School of Public Policy and Office of Sustainability.
- Community Engagement Plan:
 - Workshops
 - Surveys
 - Existing Events
- Community Outreach
 - Organized by Community-Based Organizations (CBOs)



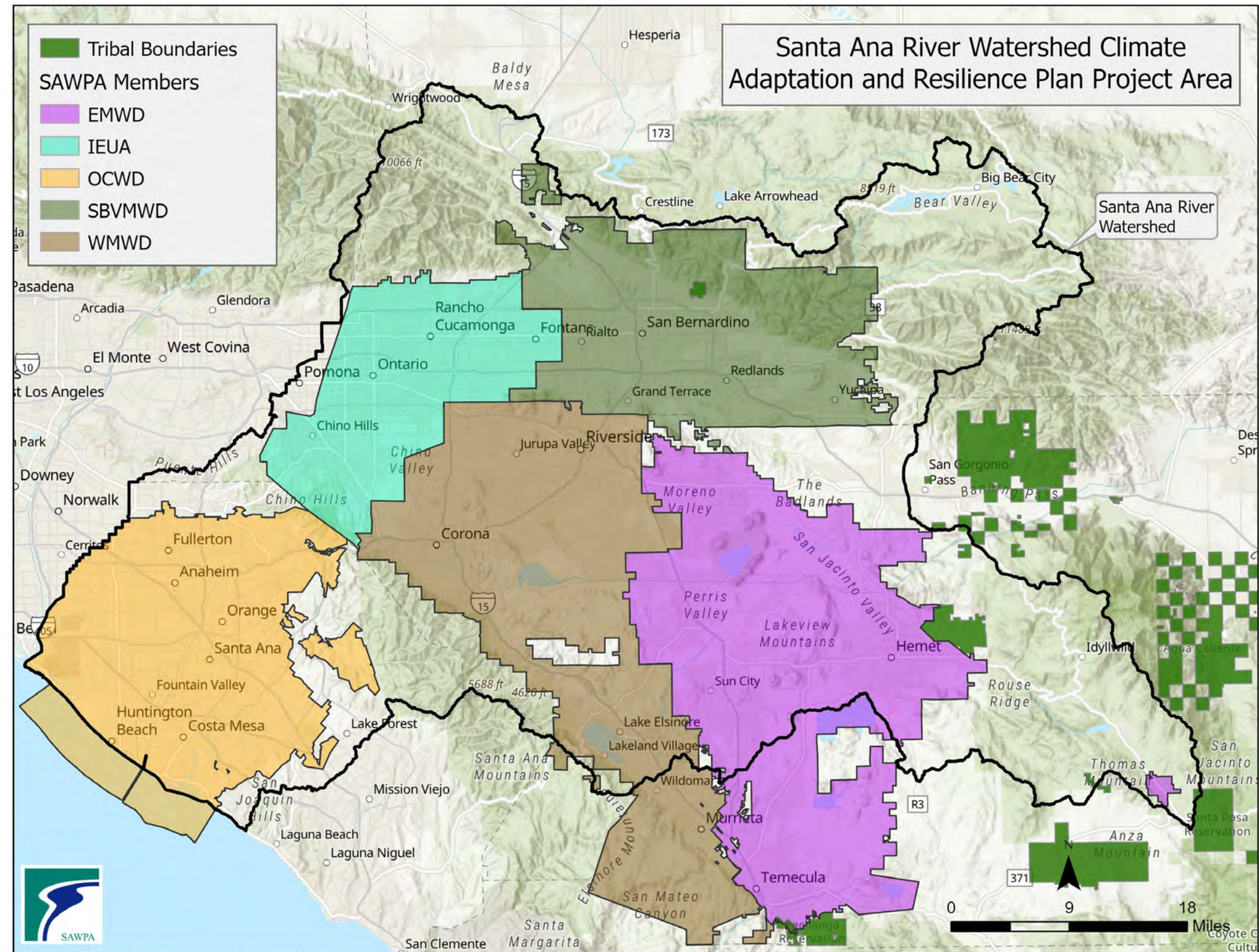
Role: Community Advisory Panel

- Facilitated by ISC3 (UC Riverside) with SAWPA oversight
- Discuss the community engagement process and the role of the CBOs
- Track and guide engagement activities with communities on climate risks, vulnerabilities, adaptation strategies
- Provide guidance on adaptation portfolios

| CAP | Entity | Spatial Distribution |
|-----------|---|---------------------------------------|
| Tribal | Soboba | Riverside County |
| Community | ISC3 | Riverside and San Bernardino Counties |
| Community | California Rural Water Association | Regional |
| Community | OC Coastkeeper/IE WaterKeeper | Inland Empire/Orange County |
| Community | Santa Ana Watershed Association | Regional |
| Regional | Steering Committee Member (City/County) | Regional |
| Community | Inland Action | San Bernardino County |
| Community | Climate Action Campaign | Orange County |
| Community | Accelerate Neighborhood Climate Action | Redlands |
| Community | R-NOW | Riverside County |

Role: Soboba

- CARP Goal:
 - Obtain tribal perspectives on climate vulnerabilities and underlying risk factors that influence sensitivity to climate hazards
- Approach: Tribal Engagement Plan
 - Tribal Elders
 - Talking Circles
 - Tribal Conferences
- Outcome:
 - Project builds capacity for tribal engagement

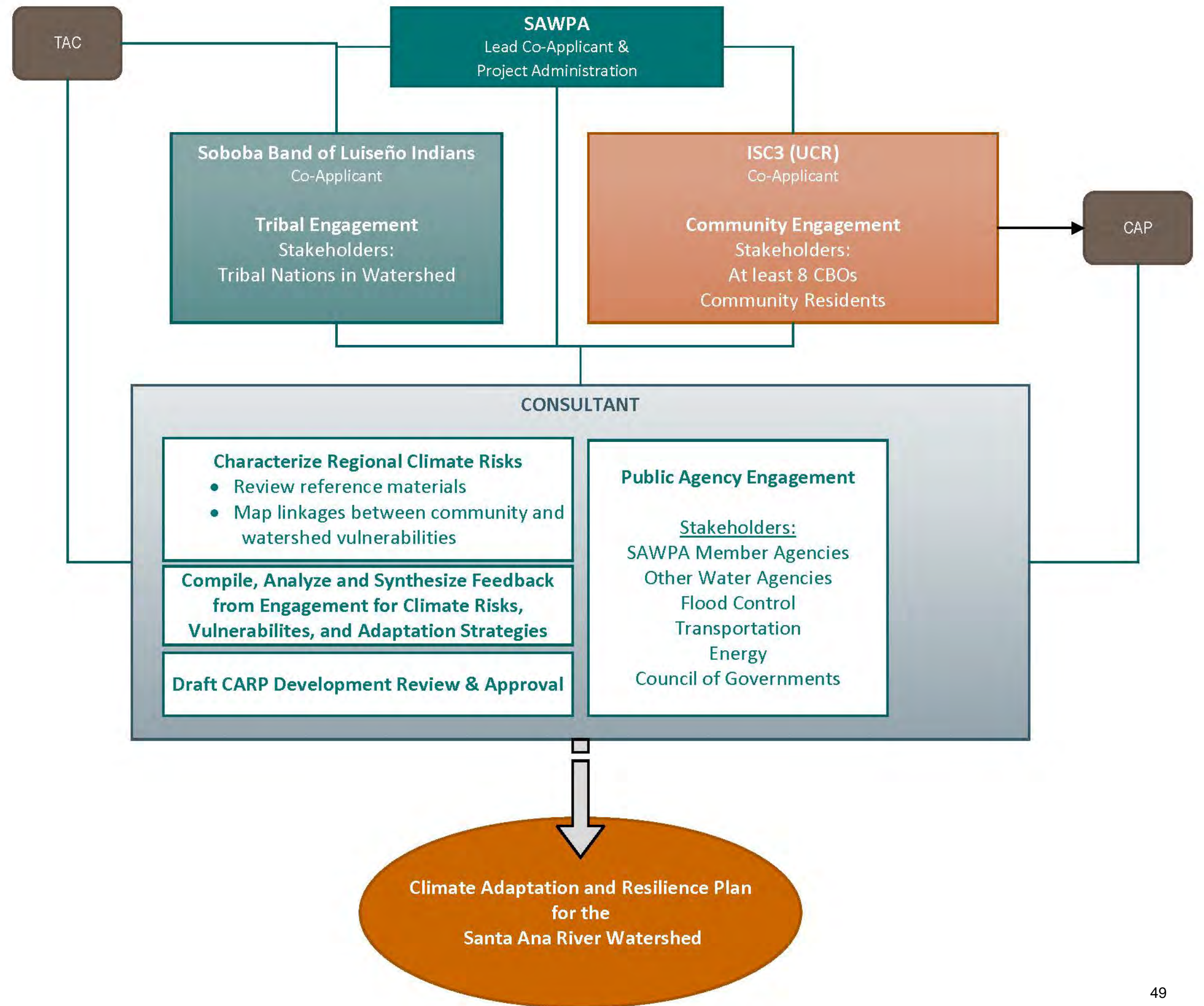


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Role: Consultant

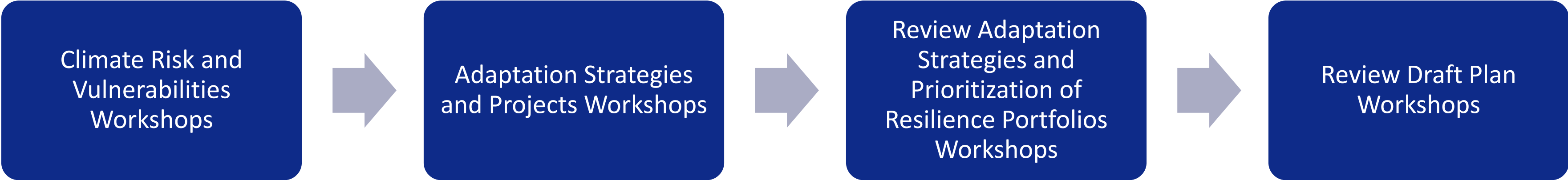
- Public Agency Engagement
- Workplan
- Data Request
- Climate Risks
- Climate Vulnerabilities
- Adaptation Analysis
- Resilience Portfolios
- Funding Strategies
- Implementation Plan
- CARP and Geospatial Data

Synthesize Input from Community, Tribal and, Agency Stakeholders



Elements of RFP Tasks

- Workplan (milestones, deliverables, schedule)
- “Public Agency Engagement” Plan
- Review available planning documents for watershed stakeholders
- Series of workshops by Member Agency service area:



- Supplement workshops with online surveys
- Consultant to synthesize workshop results and outcomes of Community Engagement and Tribal Engagement efforts
- SAWPA will update/engage Member Agencies via Quarterly Planning Manager Meetings
- Commission and GMs will be updated at regular intervals

Outcomes

Initial Deliverables:

- Project Work Plan (Milestones, Deliverables, Schedule)
- Public Agency Engagement Plan (SAWPA/Consultant)
- Community and Tribal Engagement Plan (Soboba/ISC3)

CARP Elements:

- Climate Risks Characterization
- Vulnerability Assessment
- Adaptation Strategies (local/regional)
- Resilience Portfolios

Supplemental Deliverables

- Watershed Resilience Vision and Goals
- Funding Strategy Matrix
- Implementation Plan

CARP

- Draft and Final Plan
- Online Platform

RFP Assumptions

- TAC provides guidance for Public Agency Engagement
- Review of reference documents:
 - Relevant Member Agency planning documents
 - Other available planning documents
- Implementation Plan (workshops, etc.) will be organized by Member Agency service area
- Deliverables (CARP, online platform, resulting analyses, etc.) will be organized by Member Agency service area
- Proposed completion date: December 2026

RFP / Proposal Schedule

| Date | Event |
|-------------------------|--|
| December 3, 2024 | <ul style="list-style-type: none"> • Commission Approval to Release RFP • Release RFP following Approval |
| December 20, 2024 | <ul style="list-style-type: none"> • Deadline for Consultants to Submit Inquiries |
| January 20, 2025 | <ul style="list-style-type: none"> • Deadline for SAWPA Receipt of Proposals |
| January 27-30, 2025 | <ul style="list-style-type: none"> • Interviews of select firms if needed |
| January 21, 2025 | <ul style="list-style-type: none"> • Update Commission on Consultant Selection Process |
| February 11, 2025 | <ul style="list-style-type: none"> • Update GMs on Results of Consultant Selection Process |
| February 18, 2025 | <ul style="list-style-type: none"> • SAWPA Commission Approval/Award Contract (tentative) |

Recommendation

To authorize the General Manager, or his designee, to issue a Request for Proposals to develop a Climate Adaptation and Resilience Plan for the Santa Ana River Watershed.

Questions

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Request for Proposals

**Development of a
Climate Adaptation and Resilience Plan (CARP)
for the
Santa Ana River Watershed**

Release Date:

Tuesday, December 3, 2024

The Filing Deadline is:

5:00 pm PST on Monday, January 20, 2025

TABLE OF CONTENTS

| | |
|---|----|
| 1. Background..... | 3 |
| 2. Project Summary | 5 |
| 3. Project Team Roles..... | 7 |
| 4. Project Overview | 11 |
| 5. Scope of Services..... | 13 |
| 5.1: Project Administration | 13 |
| 5.2: Reference Materials Review | 14 |
| 5.3: Public Agency Engagement Preparation | 14 |
| 5.4: Implement Public Agency Engagement Plan | 16 |
| 5.5: Watershed Resiliency Metrics/Indicators | 18 |
| 5.6: Community and Tribal Engagement..... | 18 |
| 5.7: Digital Presence for CARP..... | 19 |
| 5.8: CARP Development | 19 |
| 5.9 Optional Tasks | 20 |
| 6. Inquiries and Addenda | 21 |
| 7. Proposal Schedule | 21 |
| 8. Proposal Requirements | 21 |
| 9. Proposal Submission..... | 23 |
| 10. Interview | 23 |
| 11. Evaluation Process and Criteria | 24 |
| 12. Attachments..... | 24 |
| Appendix A: List of Reference Documents..... | 25 |
| Appendix B: General Services Agreement Template | 26 |
| Appendix C: Task Order Template..... | 34 |
| Appendix D: SAWPA RRGF Grant Application to OPR for ICARP | 36 |

1. BACKGROUND

The Santa Ana Watershed Project Authority (SAWPA) was awarded grant funding from the Governor’s Office of Planning and Research (OPR) [recently renamed to Office of Land Use and Climate Innovation] Regional Resilience Grant Program (RRGP) to work with key partners to help build climate resilience in the Santa Ana River Watershed. The grant funds will be used to develop the Santa Ana River Watershed Climate Adaptation and Resilience Plan (CARP) that aims to characterize and address the impacts of climate risks such as drought, wildfire, increasing temperatures, sea level rise, and flooding in the Santa Ana River Watershed. Grant partners include the Soboba Band of Luiseño Indians (Soboba) and the Inland Southern California Climate Collaborative (ISC3).

SAWPA is a public water agency that was formed as a joint powers authority located in Riverside, California. SAWPA’s five member agencies cover the urban areas of the Santa Ana River Watershed. As part of the One Water One Watershed (OWOW) program, SAWPA focuses on a broad range of water resource issues in the watershed, including water supply reliability, water quality improvement, recycled water, wastewater treatment, groundwater management, brine management, and integrated regional planning. SAWPA manages the Inland Empire Brine Line and on behalf of the watershed develops and maintains regional plans, programs, and projects that protect the Santa Ana River basin water resources to maximize beneficial uses within the watershed in an economically and environmentally responsible manner. To learn more, please visit <https://sawpa.gov/>.

SAWPA Member Agencies

- Eastern Municipal Water District
- Inland Empire Utilities Agency
- Orange County Water District
- San Bernardino Valley Municipal Water District
- Western Municipal Water District

SAWPA manages the Inland Empire Brine Line and on behalf of the watershed develops and maintains regional plans, programs, and projects that protect the Santa Ana River basin water resources to maximize beneficial uses within the watershed in an economically and environmentally responsible manner. To learn more, please visit <https://sawpa.gov/>.

The Soboba Band of Luiseño Indians (Soboba) is a federally recognized tribal government established by executive order on June 18, 1883. Soboba supports the well-being of its tribal members by providing a wide range of services through Tribal government programs and departments such as the Soboba Fire Department, Public Works, Family Services, Housing, Cultural Resource, and more. Soboba is the owner and operator of the Soboba Casino Resort and Legacy Bank. To learn more, visit <https://www.soboba-nsn.gov/>.

The Inland Southern California Climate Collaborative (ISC3) is co-facilitated by the University of California, Riverside’s School of Public Policy and Office of Sustainability. ISC3 works to build the capacity of local and regional governments, advocating for more equitable climate funding and resources in the Inland SoCal region. ISC3’s mission is to unite diverse stakeholders and cultivate collaborative efforts to tackle the pressing climate-related challenges affecting San Bernardino, Riverside, and Imperial Counties. Through collective action, ISC3 strives to mitigate the worst effects of climate change while simultaneously fostering resilience in communities in the face of current challenges, ranging from extreme heat and droughts to wildfires and floods. To learn more, visit <https://isclimatecollaborative.org/>.

The Integrated Climate Adaptation and Resiliency Program (ICARP) prioritizes equitable approaches that integrate mitigation and adaptation to climate impacts experienced throughout California. Under the ICARP program, OPR has developed the RRGP that funds public entities, California Native American Tribes, Community-Based Organizations, and academic institutions that form regional partnerships to plan and implement projects that advance climate resilience and respond to the greatest climate risks in their regions. The RRGP funds planning and implementation projects that strengthen climate change resilience at a regional scale. The RRGP funds projects led by partnerships that involve multiple jurisdictions working together to address the most significant climate change risks in their regions, especially in communities that are most vulnerable to climate change impacts. These impacts could include but are not limited to wildfires, rising sea levels, droughts, floods, increasing temperatures, and extreme heat events.

ICARP's RRGP has the following objectives:

- Support regional projects aligned with ICARP priorities that improve regional climate resilience and reduce climate risks from wildfire, sea level rise, drought, flood, increasing temperatures, and extreme heat events.
- Support projects or actions that address the greatest climate risks in the region, particularly in the most vulnerable communities.
- Fill the gaps in climate resilience funding and support sustainable and cohesive climate resilient projects with regional collaboration.
- Support equitable outcomes.

2. PROJECT SUMMARY

SAWPA, with its grant partners the Soboba and ISC3, is seeking an experienced Consultant Team to provide services in developing a community-informed, stakeholder-driven, and implementation focused CARP for the Santa Ana River Watershed. The CARP will focus on developing a watershed-wide plan that documents potential adaptation strategies addressing impacts of climate risks and associated vulnerabilities, and ultimately develop a portfolio of planned projects and new concepts that will provide increased resilience for the region. The CARP would support climate and watershed resilience planning and projects for agencies and stakeholders in the region. The project's goal is to develop a Plan that can accelerate resilience across the watershed. Key outcomes include:

- Building an informed and broad-based coalition of key public, private, and community-based stakeholders to implement potential resilience projects.
- Identifying and addressing options that address key social, economic, and regulatory constraints that may hinder adaptation strategies.
- Identifying multi-benefit adaptation strategies, including regional approaches, that reflect the needs and priorities of the communities and agencies and provides a plan for increasing resilience for the region.
- Developing a Plan, including materials and content, that enables agencies and stakeholders to pursue implementation funding.

SAWPA is the California-approved Integrated Regional Water Management (IRWM) Group that advanced the One Water One Watershed (OWOW) Program in the Santa Ana River Watershed, which supports regional, multi-benefit projects that factored in climate change, disadvantaged communities (DACs), and Tribal nation needs.¹

The Santa Ana River Watershed IRWM Plan is known by stakeholders as the OWOW Plan, a name that originates in the plan's comprehensive view of the watershed and water issues; one in which all types of water (imported, local surface and groundwater, stormwater, and wastewater effluent) are viewed as components of a single water system, inextricably linked to land use and land cover. The most recent iteration, the OWOW Plan Update 2018, was written by and for stakeholders throughout the watershed. This plan describes how collaborative watershed planning, water and land management, and project implementation supports improved sustainability, resilience, and quality of life throughout the Santa Ana River Watershed through 2040.

The OWOW Program Vision is a watershed that:

- Is sustainable, droughtproof, and salt balanced by 2040,
- Avoids and removes interruptions to natural hydrology, protecting water resources for all,
- Uses water efficiently, supporting economic and environmental vitality,
- Is adapted to acute and chronic climate risk and reduces carbon emissions,

¹ One Water One Watershed Program (sawpa.org/owow/)

- Works to diminish environmental injustices, and,
- Encourages a watershed ethic at the institutional and personal level.

The CARP will be an extension of the foundational work of the OWOW Plan. The Project Team will use the Adaptation Planning Process model presented in the California Adaptation Planning Guide (2020)², depicted in Figure 1, as a guide.

To develop a well-rounded and representative CARP, the project will be executed to capture the three essential perspectives: public agency stakeholders, the community, and the Tribal Nations and their communities located within the Santa Ana River Watershed.

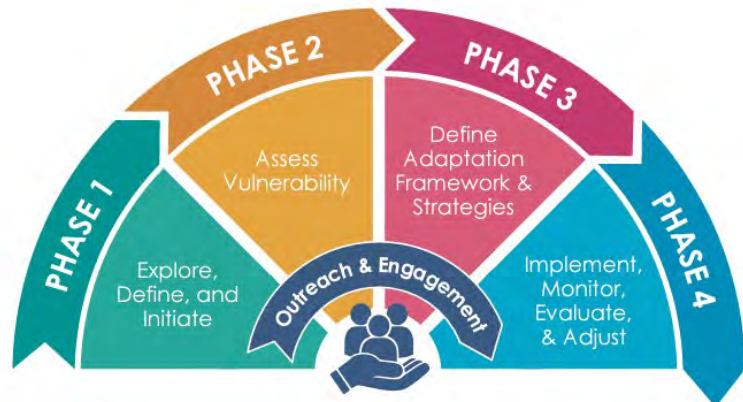


Figure 1 Adaptation Planning Process from California Adaptation Planning Guide, (2020)

The initial task of the selected Consultant will include developing a work plan for the grant project. While we anticipate the Consultant will provide a unique sequence or approach, SAWPA envisions a process like the one depicted in Figure 2. Engagement of each group is essential in developing the CARP and will need to occur through a series of workshops, surveys, and other methods of data collection over the course of the grant project. Data acquisition and compilation of results will be summarized on a watershed basis, but also organized by SAWPA Member Agencies' service areas.

² California Office of Emergency Services, [California Adaptation Planning Guide](#), June 2020

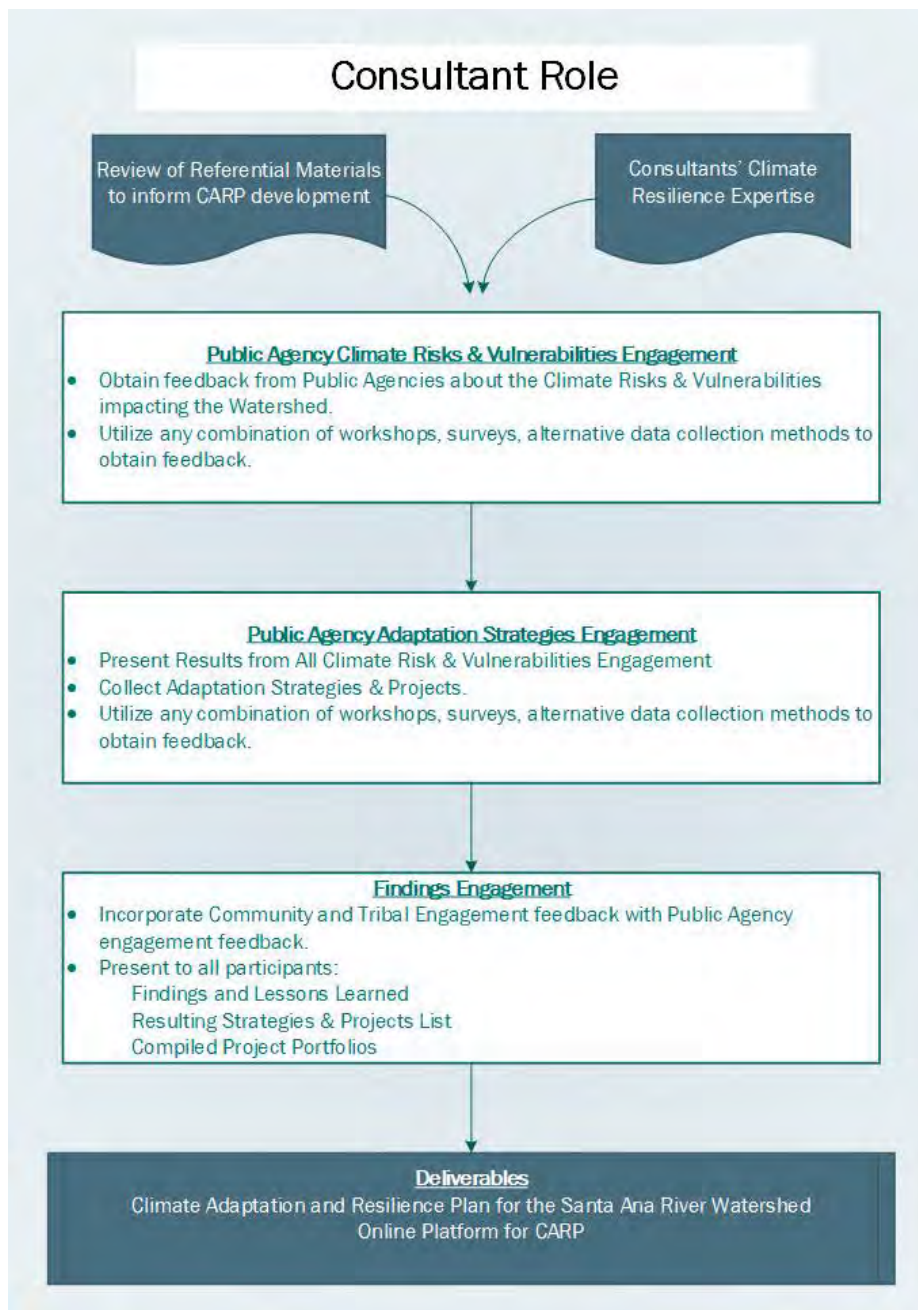


Figure 2 Consultant Role Concept as envisioned by SAWPA

3. PROJECT TEAM ROLES

The Project will require a multi-tiered approach to address the range of objectives. SAWPA will have overall responsibility for managing the project. The Consultant will play a critical role in the development of the CARP but will also have additional supporting responsibilities. **Figure 3** provides a high-level overview of the project partnership and the general areas of interest and depicts the roles and responsibilities of the Project Team members related to the three areas of effort: public agency engagement, community engagement, and tribal engagement. The

Project Team will consist of SAWPA staff, consultant staff, and any subconsultant staff. SAWPA will coordinate the participation of ISC3 and Soboba representatives.

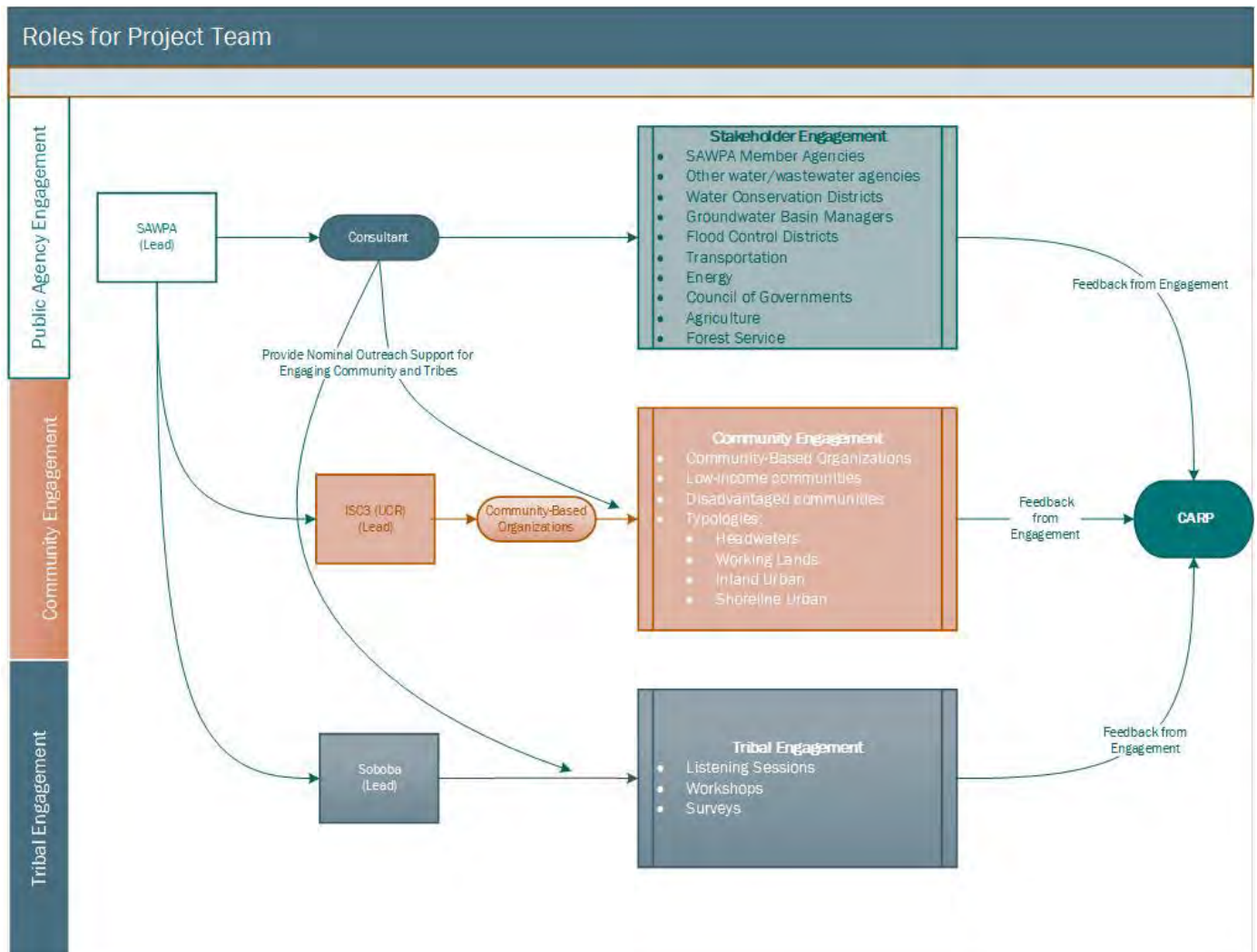


Figure 3. Roles for the CARP Team

SAWPA will serve as the overall point of contact and be responsible for managing the technical analysis, project administration, reporting, and compliance with the grant requirements. SAWPA will also lead the public agency engagement, including various sectors in the watershed. The Consultant will play a key role in supporting SAWPA in the public agency engagement.

As a co-applicant, ISC3 will be responsible for supporting key tasks, developing deliverables, and providing the project with guidance for the community engagement. Community engagement will involve collaboration with key community-based organizations (CBOs) in the watershed. The Consultant will provide targeted support for community engagement as needed.

As a co-applicant, Soboba will be responsible for supporting key tasks, developing deliverables, and providing the project with guidance on Tribal engagement. Soboba will collaborate with other Tribal representatives in the region. The Consultant will provide targeted support for Tribal engagement as needed.

Two advisory-level committees will be formed and managed by SAWPA and ISC3. The Watershed Resilience Technical Advisory Committee (TAC) will be comprised of public agency representatives and will provide a high-level review of the public agency engagement efforts. The Watershed Resilience Community Advisory Panel (CAP) will be comprised of CBOs and related organizations and will provide high-level review of the community engagement efforts. The Consultant will provide minimal support for the TAC and CAP. Figure 4 provides an overview of the partnership structure.

The TAC will be formed by SAWPA with a balanced set of public agency stakeholders including SAWPA member agencies (San Bernardino Valley Municipal Water District, Eastern Municipal Water District, Western Water, Inland Empire Utilities Agency, and Orange County Water District), utilities (water/wastewater agencies, resource conservation districts, flood control districts, transportation, energy), council of governments (COG), including Western Riverside COG, Orange County COG, San Bernardino COG, agricultural agencies (County Farm Bureau, etc.), cities, and counties to provide guidance and technical input on the project touch points (climate risks, vulnerabilities, and adaptation strategies).

The CAP will consist of a diverse network of CBOs, non-profits, and universities whose support was solicited during the grant application development process and includes Orange County Coastkeeper, Inland Empire Waterkeeper, California Rural Water, Santa Ana Watershed Association, Climate Action Campaign, Inland Action, Accelerate Neighborhood Climate Action, Riverside-Now (R-NOW), and UC Riverside. The CAP will engage with other CBOs during the project touch points (climate vulnerabilities and adaptation strategies) to get a broad perspective across the typologies identified in the watershed. The CAP will track and guide community engagement activities, evaluate the prioritization criteria for adaptation options, and ensure that CBOs are effectively integrated into the project.

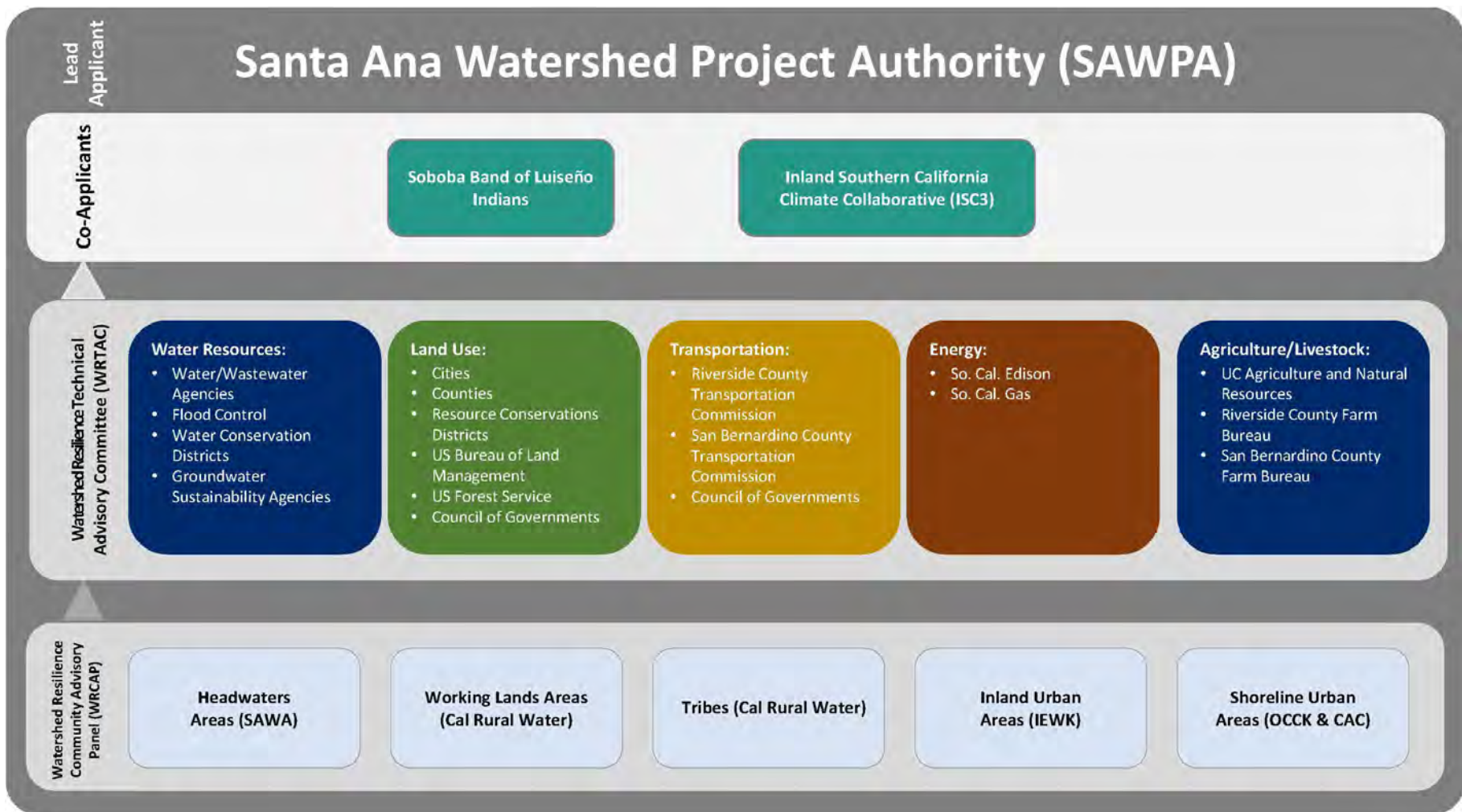


Figure 4 Project Partnership Structure

4. PROJECT OVERVIEW

SAWPA seeks a climate-resilience experienced consultant whose approach is efficient, organized, and appropriately scaled to the planning-level analysis needed to develop the Santa Ana River Watershed CARP. The Consultant team must have expertise in climate resilience planning. All analyses, data, original graphics, and editable copies of materials and written reports to be submitted to SAWPA after the project; no portion of the CARP will be proprietary.

The Consultant will have several primary roles, as summarized in Figure 5, including:

- Develop and manage the approach for the Public Agency Engagement.
- Synthesize the input from Community and Tribal engagement.
- Develop deliverables for the project, including a draft and final CARP.
- Develop on-line digital platform.
- Provide as-needed, nominal support for the Community and Tribal engagement.

Consultants are encouraged to suggest refinements and innovative methodologies for the Public Agency Engagement Plan, which will help achieve the outcomes needed, including the use of virtual or hybrid meetings, surveys for stakeholders, etc.

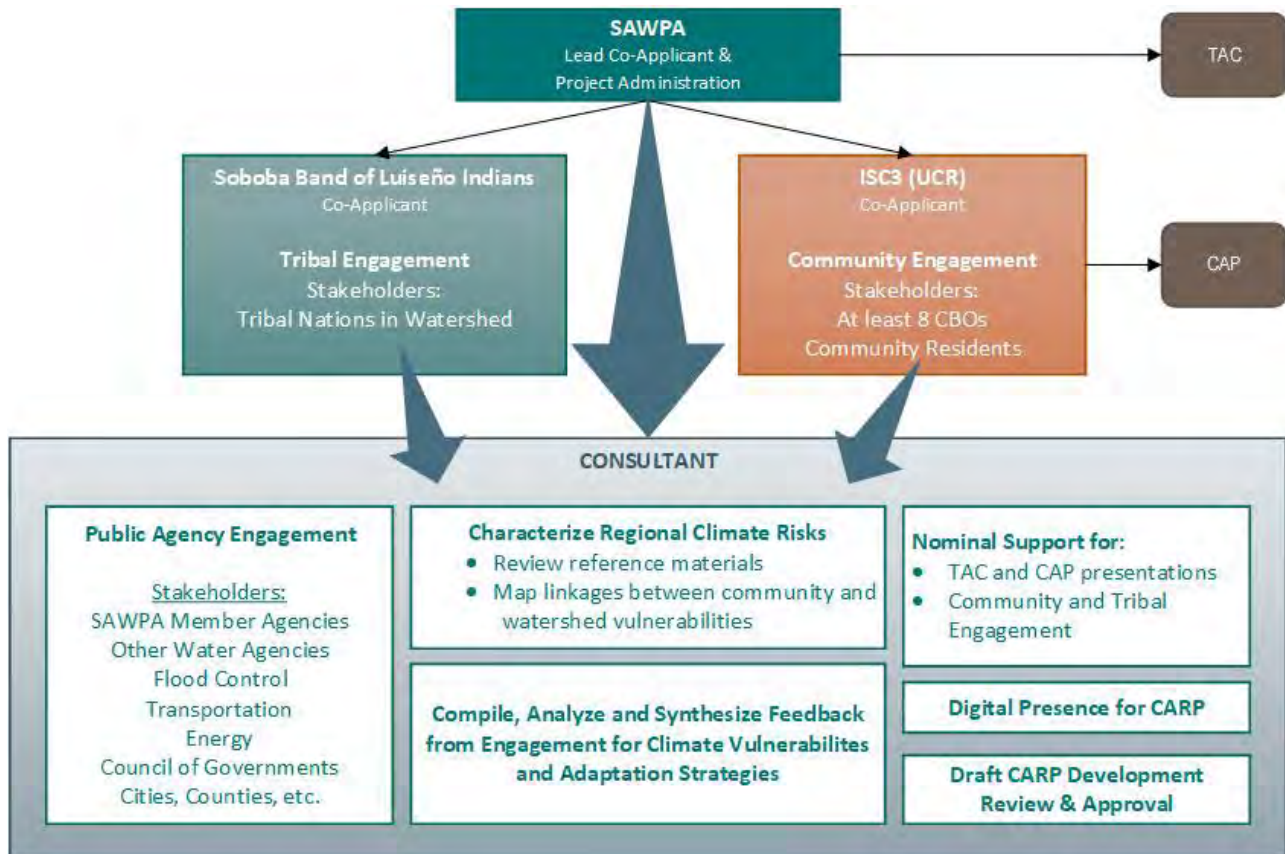


Figure 5 Overview of Consultant Role

Assumptions

- The consultant role is focused on Public Agency Engagement and the development of the CARP materials. The consultant will only provide nominal support for the Community Engagement, which will be led by ISC3, and the Tribal Engagement led by Soboba Tribe. The consultant will summarize outcomes from the Community Engagement and the Tribal Engagement into the CARP development process.
- The grant project has been projected to take approximately 18 months, substantially completing the CARP development by July 2026, but no later than April 30, 2027.
- The consultant will need to review the list of reference documents provided in [Appendix A](#), as well as any other applicable planning, regulatory or environmentally legislative documents. These documents are crucial to the development of the CARP.
- SAWPA grant application (Work Plan and Narrative) is included in **Appendix D**.
- The consultant will need to identify and review existing data sources used to evaluate the climate risks and vulnerabilities impacting the watershed and develop a foundational understanding of the available climate risk data sources and tools.
- All deliverables (CARP, online tool, resulting analyses, etc.) will be required to be organized on a watershed basis and by SAWPA Member Agencies' service areas.
- Deliverables (draft and final versions) are subject to review and approval through various avenues (e.g., SAWPA Member Agency staff, SAWPA's Board of Commissioners, and project partners).
- Section 5, Project Scope, provides a more detailed overview of the consultant's tasks. At the end of Section 5, several optional tasks are described. The level of effort and costs for the optional tasks should be provided separately from the required tasks.
- Estimated level of efforts (LOE) are provided for the project scope areas. These estimated LOEs are provided to guide proposal development, and actual LOE hours should reflect the approach used in the consultant proposals.

5. SCOPE OF SERVICES

The proposed scope of the project is as follows:

- 5.1: Project Administration
- 5.2: Reference Materials Review
- 5.3: Public Agency Engagement Preparation
- 5.4: Implement Public Agency Engagement Plan
- 5.5: Watershed Resiliency Metrics/Indicators
- 5.6: Community and Tribal Engagement
- 5.7: Digital Presence for CARP
- 5.8: CARP Development
- 5.9: Optional Tasks

The estimated level of effort for these tasks is 1,650 Hours. In addition, optional tasks are described. Consultants can propose an alternative organization of project efforts.

5.1: PROJECT ADMINISTRATION (ESTIMATED LEVEL OF EFFORT: 150 HOURS)

Under Project Administration, the consultant will perform project management and project coordination. Activities will include the following:

- **Kick-Off Meeting.** Plan and implement an in-person kick-off meeting with the Project Team to discuss overall project goals, partner responsibilities, consultant activities, and schedule.
- **Project Work Plan.** Develop a Project Work Plan that outlines the steps in conducting the Public Engagement and developing the CARP, including key activities, partner roles and responsibilities, milestones, deliverables, and timelines. The Work Plan will guide project implementation through the project coordination process, establish accountability among the project partners, and incorporate Community Engagement and Tribe Engagement outcomes developed by the project partners.
- **Project Coordination.** Ensure appropriate communications, including progress meetings, with SAWPA and co-applicants (as needed) to ensure that progress is tracked and work completed in alignment with the Work Plan. The consultant may be needed to provide status updates to SAWPA’s Commission.
- **Other Support.** Provide nominal support to SAWPA for presentations of grant program progress to OPR through four virtual peer-to-peer sessions. SAWPA staff will perform most of the planning and preparation for these sessions. The consultant will provide materials on the project as needed.

| Item | Deliverable |
|--------------------------------|---|
| Project Kickoff Meeting | <ul style="list-style-type: none">• Meeting Minutes with Action Items |
| Project Work Plan | <ul style="list-style-type: none">• Draft and Final Work Plan |

| Item | Deliverable |
|-----------------------------|--|
| Project Coordination | <ul style="list-style-type: none"> • Bi-weekly progress meetings with SAWPA (virtual) and meeting minutes • Monthly Progress reports • Up to 3 presentations to SAWPA’s Commission and/or OWOW Steering Committee |
| Other Support | <ul style="list-style-type: none"> • Nominal Support (e.g., project information and status) of SAWPA in four (4) virtual presentations to OPR |

5.2: REFERENCE MATERIALS REVIEW (ESTIMATED LOE: 150 HOURS)

A review of existing reference materials will be used to support the Public Engagement process. The review should address the following:

- **Review Existing Planning Documents.** Complete a review of existing planning resources and related documents (including but not limited to documents in [Appendix A](#)) to 1) assess preliminary climate risks and vulnerabilities and 2) begin the process of identifying potential adaptation projects addressing potential climate risks and vulnerabilities. Climate risks in the Santa Ana River Watershed may include, but not limited to, extreme heat, drought, extreme weather, flooding, sea-level rise, and wildfire. The review should document climate sensitivity factors (such as impervious surface and tree canopy cover) and how they impact vulnerabilities across the watershed.
- **Develop Annotated Summary.** Based on the review of existing planning documents and discussions with SAWPA staff, develop an initial list of climate risks and vulnerabilities, potential adaptation projects, and sensitivity factors for the watershed to support the Public Engagement process.

| Item | Deliverable |
|--|--|
| Review of Existing Planning Documents | <ul style="list-style-type: none"> • Annotated summary of climate risks and vulnerabilities, initial adaptation projects, and sensitivity factors |

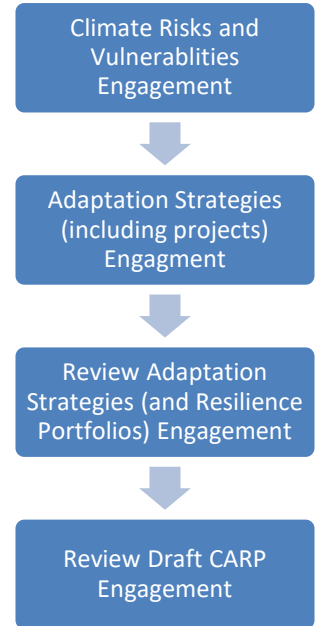
5.3: PUBLIC AGENCY ENGAGEMENT PREPARATION (ESTIMATED LOE: 150 HOURS)

In line with the Work Plan (Section 5.1) and the review of existing materials (Section 5.2), develop a Public Agency Engagement Plan supporting materials and tools for the public agency engagement. These planning materials should address the following:

- **Public Agency Engagement Plan.** Develop a detailed plan to engage public agencies throughout the development of the CARP. The Plan should address the following:
 - List of potential participants/stakeholders by sector (i.e., water resources [including water, wastewater, flood control, conservation districts, etc.], land use,

transportation, energy, and agriculture).

- Engagement (e.g., workshops, surveys, etc.) with public agencies should be organized around the Adaptation Planning Process model approach in the California Adaptation Planning Guide (2020): 1) develop climate risks and vulnerabilities, 2) develop adaptation strategies, 3) review adaptation strategies (and resilience portfolios), and 4) Review CARP.
- The engagement process must provide opportunities for SAWPA member agencies and other stakeholders to review the risks, vulnerabilities, and adaptation strategies (and resilience portfolios).
- The engagement process needs to provide opportunities for engaging SAWPA member agencies and other stakeholders on the review of the draft CARP.
- The engagement approach should include multiple engagement strategies, including workshops, online surveys (to supplement workshops), and other alternative forms of engagement to solicit stakeholder input.
 - For workshops, define objectives, identify key stakeholders, choose the format of the workshop (hybrid, virtual, in-person), develop an approach/agenda/program, identify facilitator(s), and define outcomes.
 - For surveys, which will allow for the participation of public agencies and stakeholders without having to attend the workshops, define objectives, approach, and method.
- NOTE: The engagement (e.g., workshops) will need to be planned and implemented by the five SAWPA member agency service areas.
- **Engagement Materials.** Develop materials that will be used to solicit participation in the meetings/workshops and prepare presentations and visuals to aid communication and engagement at meetings/workshops and throughout the planning process.
- **Support for TAC.** Consultant will provide nominal support, as needed, including updates to the TAC on current efforts with the Public Agency Engagement. SAWPA will be responsible for facilitating up to 8 sessions with the TAC, which will provide guidance and support for the planning process.



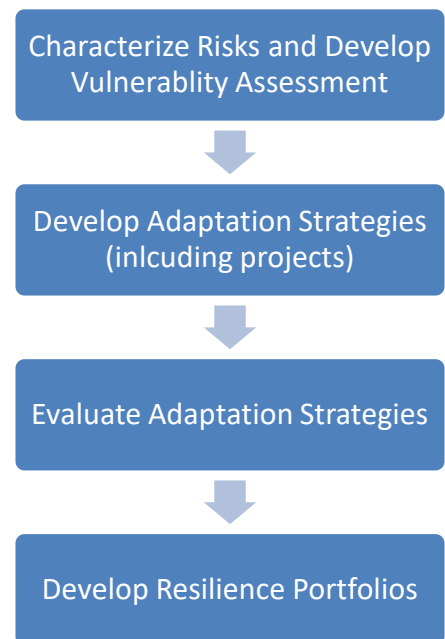
Potential Engagement Process

| Item | Deliverable |
|--------------------------------------|---|
| Public Agency Engagement Plan | <ul style="list-style-type: none"> • Draft and Final Public Agency Engagement Plan (including approach, tasks, milestones, and schedule) |
| Engagement Materials | <ul style="list-style-type: none"> • Agendas and materials for Workshops • Survey tools |
| Support for TAC | <ul style="list-style-type: none"> • Provide nominal support to SAWPA for up to 8 TAC meetings by providing content on project status |

5.4: IMPLEMENT PUBLIC AGENCY ENGAGEMENT PLAN (ESTIMATED LOE: 520 HOURS)

Implement the Engagement Plan, including holding workshops, conducting online surveys, analyzing information, documenting results, and developing adaptation strategies and resilience portfolios. Specifically:

- **Implement Workshops.** Conduct workshops on risks and vulnerabilities, adaptation strategies, and CARP review by SAWPA Member Agency service areas.
- **Implement Surveys.** Conduct surveys to supplement information from workshops.
- **Document Outcomes.** Compile and organize outcomes from workshops and surveys for the watershed and by Member Agencies service areas. Compile, synthesize and catalog results from engagement on climate risks, vulnerabilities, and adaptation strategies by Member Agencies service areas and as a region.
- **Characterize Risks and Develop Vulnerability Assessment.** Identify climate risks for the watershed and develop a Vulnerability Assessment to those risks based on stakeholder engagement (workshops and surveys), findings from the review of planning documents (5.2). Develop climate vulnerabilities related to water use and users across the domestic, agricultural, and environmental sectors. Consider how essential services are impacted during extreme climate events. Identify linkages between community and watershed vulnerabilities, such as developing a climate vulnerability problem statement matrix.
- **Develop Adaptation Strategies.** Based on stakeholder engagement (workshops and surveys) and the review of planning documents, develop integrated climate adaptation strategies/solutions, including projects and/or groups of projects (e.g., regional projects), that address vulnerabilities. A range of adaptation strategies/solutions should be considered, including, but not limited to:
 - Stormwater management (green infrastructure, capture and use)
 - Groundwater recharge
 - Water use efficiency
 - Nature-based solutions
 - Urban solutions (urban forestry)
 - Multi-benefit approaches
 - Regional solutions
- **Evaluate Adaptation Strategies.** An analysis of the solutions should be conducted to characterize the strategies and projects at a high level, including the following:
 - Develop descriptions of the strategies/solutions and the projects.
 - Develop criteria to conduct a high-level characterization of adaptation strategies in terms of:



Proposed Steps for Developing Resilience Portfolios for CARP

- Climate risks and vulnerabilities addressed
 - Potential constraints and benefits (and beneficiaries)
 - Potential sponsors and stakeholders
 - Potential locations
 - Feasibility
 - Environmental, health, social, and economic factors
 - Others, as needed
 - Prepare potential high-level short and long-term implementation actions and sequencing of efforts.
 - Map (as feasible) the distribution of adaptation options and integrate with the climate risks and vulnerability spatial data.
- **Develop Resilience Portfolios.** Use the results of the adaptation strategies criteria and evaluation process to inform the development of resilience portfolios (see box). Include the following:
 - Developing a range of portfolios that are organized around potential approaches, including multi-benefit solutions, nature-based solutions, watershed resilience solutions, water supply reliability, habitat management, etc.
 - Characterize the distribution of resilience benefits across the watershed. Map potential distribution of resilience benefits across the watershed. Identify key linkages and the general scale of potential value for different communities (i.e., conservation/restoration investments in the upper watershed providing downstream water quantity and quality benefits to downstream water customers or urban forestry providing local benefits reducing the heat island affect while increasing groundwater recharge, which could support groundwater sustainability).

Resilience Portfolios

Resilience portfolios are collections of adaptation strategies and projects that are categorically designed to combat the impacts of climate risks or address climate risks within specific geographic or typological settings. These portfolios are intended to:

- Reduce impacts of climate-related risks
- Maximize local/regional adaptation opportunities, and,
- Implement multi-beneficial resilience projects

Resilience portfolios can be useful tools

| Item | Deliverable |
|---|--|
| Workshops | <ul style="list-style-type: none"> ● Workshop summaries (Technical Memorandums [TM]). |
| Surveys | <ul style="list-style-type: none"> ● Summary of survey results (TMs). |
| Document Outcomes | <ul style="list-style-type: none"> ● Engagement Outcomes Summary (TM) |
| Risks and Vulnerability Assessment | <ul style="list-style-type: none"> ● Summary of Climate Risks (Draft and Final TM) |

| Item | Deliverable |
|--|--|
| | <ul style="list-style-type: none"> Vulnerability Assessment, including linkages between community and watershed vulnerabilities (Draft and Final) |
| Evaluate Adaptation Strategies | <ul style="list-style-type: none"> High-level criteria (Draft and Final TM) Summary of Adaptation Strategies (Draft and Final TM) |
| Resilience Portfolios for Watershed | <ul style="list-style-type: none"> Resilience Portfolios (Draft and Final TM) |

5.5: WATERSHED RESILIENCY METRICS/INDICATORS (ESTIMATED LOE: 90 HOURS)

Based on adaptation strategies and resiliency portfolios, develop a set of proposed metrics and/or indicators to measure watershed resiliency that can be assessed in the future. Specifically:

- Develop a set of proposed resiliency metrics and/or indicators based that can be used to evaluate watershed health and functionality as resiliency projects are implemented.
- The indicators should include performance metrics and a measurement framework (i.e., a monitoring and evaluation strategy).

| Item | Deliverable |
|---|---|
| Watershed Resiliency Metrics and/or Indicators | <ul style="list-style-type: none"> Proposed Indicators and/or Metrics (Draft and Final TM) |

5.6: COMMUNITY AND TRIBAL ENGAGEMENT (ESTIMATED LOE: 70 HOURS)

The consultant will have three roles related to Community Engagement and Tribal Engagement:

- Support Engagement Process.** The consultant will provide nominal support on the Community Engagement process, which is led by ISC3, and to the Tribal Engagement process, which is led by Soboba. Examples of support would be assisting with materials and reviewing potential online surveys.
- Support for CAP.** Consultant will provide nominal support, as needed, to the CAP on current efforts. SAWPA will facilitate up to 8 sessions with the CAP, which will provide guidance and support for the planning process.
- Synthesize Community and Tribal Engagement Outcomes.** The consultant will synthesize and summarize the feedback from the Community and Tribal Engagement efforts with the Public Engagement outcomes. The Community and Tribal engagement input on climate risks, vulnerabilities, and adaptation strategies will enhance the Public Agency Engagement outcomes. Develop a “framework” consisting of four or five metrics/descriptors to summarize community and stakeholder input on the multi-benefit criteria and demonstrate that actions address community priorities and needs.

| Item | Outcome |
|--|---|
| Community and Tribal Engagement Process | <ul style="list-style-type: none"> • Written materials and/or review summaries. |
| Watershed Resilience Community Advisory Panel (CAP) | <ul style="list-style-type: none"> • Provide nominal support to SAWPA for up to 8 CAP workgroups, including providing content. |
| Synthesize Community and Tribal Engagement Outcomes | <ul style="list-style-type: none"> • Incorporate outcomes into materials on Risks, Vulnerabilities, Adaptation Strategies, Resilience Portfolios, and CARP. • Community and Stakeholder Framework |

5.7: DIGITAL PRESENCE FOR CARP (ESTIMATED LOE: 120 HOURS)

To facilitate access to the CARP, including the Resilience Portfolios, a digital presence for the CARP will be developed. The digital presence will involve:

- **Online Platform.** Design and establish an online platform to communicate plan information to stakeholders. The online platform will serve as a tool to document the results for future implementation efforts. SAWPA will host the online platform and will continue to maintain and operate it after the project term.
- **Online Content.** Summarize the CARP information for the online platform. Coordinate with SAWPA staff to prepare graphical representations of data and information. The report should use maps and infographics to increase accessibility.

| Item | Deliverable |
|------------------------|--|
| Online Platform | <ul style="list-style-type: none"> • Web-based Digital Online Platform for CARP (Draft and Final) |
| Online Content | <ul style="list-style-type: none"> • Materials for online platform (Draft and Final) |

5.8: CARP DEVELOPMENT (ESTIMATED LOE: 400 HOURS)

Based on the Public Engagement effort, supplemented by the Community and Tribal Engagement efforts, a CARP will be developed.

- **CARP Document.** Develop CARP document that documents the outcomes of the engagement efforts and summarize the adaptations strategies and projects in the resilience portfolios. The report should address:
 - Use of infographics, graphics, maps and other visuals.
 - Inventory and annotation of relevant plans and existing resilience and sustainability initiatives.
 - Develop implementation strategies for the CARP, including timeline, next steps, potential funding sources, and the responsible parties.
 - Description of the planning process for the development of the CARP.
 - Description of climate adaptation goals and explanation of why planning for

- climate adaptation is necessary.
- Review of climate vulnerabilities to determine the priority of the implementation strategies.
- Description of the watershed resilience goals and visions (i.e., a Goal and Vision Statement) for addressing climate adaptation for the SARW.
- Proposed performance indicators
- Implementation Plan, which is the strategy for the proposed solutions, including regional approaches.
- Appendices to document the information matrices, technical memos, and other written deliverables associated with the scope of work.
- **Funding Strategy.** Develop funding strategy and application support materials:
 - Identify funding options with an emphasis on opportunities for programmatic and collaborative approaches to be developed for the different adaptation strategies and resilience portfolios.
 - Research known and expected grant and loan programs.
- **CARP Review Workshop.** The CARP will be presented and reviewed by SAWPA Member Agencies and other stakeholders (in one workshop).
- **SAWPA Commission and OWOW Review and Adoption.** Support SAWPA staff in presenting the CARP for review at a SAWPA Commission Workshop and/or a OWOW Steering Committee Workshop.

| Item | Deliverable |
|--|---|
| Funding Strategy | <ul style="list-style-type: none"> ● Funding Strategy (Draft and Final TM) |
| Draft Santa Ana Watershed CARP | <ul style="list-style-type: none"> ● Watershed Resilience Goal and Vision Statement (Draft and Final TM) ● Draft CARP |
| SAWPA Commission and OWOW Steering Committee Adoption Workshops | <ul style="list-style-type: none"> ● Adoption Meetings and Presentations of Final Plan |
| Final Santa Ana Watershed CARP | <ul style="list-style-type: none"> ● Final CARP |

5.9 OPTIONAL TASKS

The following Optional Tasks are supplemental to the grant project as presented to OPR. High-level responses, including estimated LOE hours, should be included in the proposals. The costs must be shown as add-on costs.

Optional Task A: Enhanced Online Tool

A digital presence for the CARP is discussed in Section 5.7. SAWPA is interested in enhancing this online tool with additional capabilities that would support a long-term resource for climate resilience adaptation projects in the watershed. Possible enhancements could include:

- Expand/include geospatial database for real-time access for watershed stakeholders to track existing adaptation projects and ability to add new projects to the database.

- Develop interactive functions for online platform (such as climate scenarios applied to climate risks and vulnerabilities).
- Enhanced content.
- Develop operating procedures on how to update and maintain the online tool/dashboard.

Optional Task B: Climate Change Factors

The CARP process does not include an extensive review of climate change factors. SAWPA would be interested in documenting potential climate change factors for the watershed. Possible efforts could involve:

- Historical and predictive trends for climate change factors (stressors are likely to increase the frequency or severity of the hazard over time) across the watershed.
- Provide operating procedures for updating data inputs (data sources, etc.).

Optional Task C: Regional Adaptation Projects

Identifying regional adaptation projects is a component of Section 5.4. However, additional efforts may be needed to enhance/refine these and/or develop other regional approaches. Possible efforts could involve:

- Refine and/or develop innovative regional adaptation projects, including nature-based solutions, that would enhance climate resilience in the watershed. Build on work conducted throughout the CARP development process.

Optional Task D: Additional CARP Implementation Efforts

An Implementation Plan is part of the CARP development (Section 5.8). Identify additional efforts that would enhance the implementation of the CARP in the watershed.

6. INQUIRIES AND ADDENDA

It is the responsibility of each consultant to examine the RFP and to seek clarification via Planet Bids at <https://pbsystem.planetbids.com/> or via email. Inquiries must be submitted no later than 5:00 pm PST, Friday, December 20, 2024, via Planet Bids or via email to Sara Villa at svilla@sawpa.gov. SAWPA will respond to all inquiries within two (2) business days.

7. PROPOSAL SCHEDULE

| Date | Event |
|--------------------------------|--|
| December 3, 2024 | Release of Request for Proposals |
| December 20, 2024, 5:00 pm PST | Deadline to submit inquiries |
| January 20, 2025, 5:00 pm PST | Deadline for SAWPA Receipt of Proposals |
| January 27-29, 2025 | Interviews of select firms if needed (virtual) |
| February 18, 2025 | SAWPA Commission Approval/Award Contract (tentative) |

8. PROPOSAL REQUIREMENTS

Interested consultants should respond to this RFP with a written proposal providing the

requested information. The proposal will be considered complete only if it includes all the items listed below:

Cover Letter

Table of Contents

Body of the Proposal (Limited to no more than 20 pages in length)

Project Understanding. A clear statement of the project.

Firm Background. Provide information about the proposer and subconsultants, including technical qualifications, firm size, and other relevant information.

Firm Experience. The proposer shall show evidence of technical capability and experience in the key areas identified in the Scope of Work. Provide at least three (3) similar services and project descriptions undertaken by the proposer (preferably with proposed project personnel), with beginning and ending dates, name, address, phone number, and e-mail address of a contact person for each reference. The experience presented should be for a period covering the last five (5) years.

Project Approach and Tasks. The project approach shall include a detailed description of the tasks needed for the successful completion of the project and address the general outline provided in the Scope of Services section (including Optional Tasks in Section 5.9). Stakeholder engagement is critical to the Climate Adaptation and Resilience Plan development process. The proposal should highlight how the proposer plans to engage key stakeholders and gather input. Include a list of deliverables.

Project Staffing. List team members (including key members) who will work on this project and their roles. Include names, titles, firm names, addresses, telephone numbers, and email addresses. Include a project organizational chart. (NOTE: Resumes are to be provided in an Appendix, see below, and are not part of the page limit).

Project Schedule. Present a schedule reflecting timeframes and milestones for completing the tasks.

Fee schedule/budget

The fee schedule, in tabular format shall follow the consultant’s proposed tasks. The costs shall provide hourly rates and hours to complete each task, including any sub-consultants' hourly rates and hours and any other costs to complete the project. High-level cost estimates shall be provided for the Optional Tasks (Section 5.9). All fees should reflect not-to-exceed amounts per task.

SAWPA accepts no responsibility for costs incurred by any individual, or firm, submitting a proposal pursuant to this RFP. If the scope of services requires modification during the course

of the work, SAWPA will determine whether to amend the current agreement or to issue a subsequent RFP for additional services. The price specified must remain firm and irrevocable for 60 days following the RFP submission date. The selected proposal becomes the property of SAWPA.

Appendix

1. Consultant and Subconsultant Resumes. Key staff resumes are limited to 4 pages, and supporting staff resumes are limited to 2 pages.
2. References. Include at least three (3) references, including projects completed, from similar clients for which the consultant has rendered similar services in the last 5 years.
3. Miscellaneous/Exceptions. Respondents shall thoroughly review the contents of this RFP and shall submit all supplemental information required in this section of miscellaneous information. A draft contract agreement (Appendix B) and Task Order Template (Appendix C) are enclosed within this RFP, which the consultant/firm will be required to sign. The respondent must identify any exceptions to that draft agreement as an element of the proposal submitted for review and consideration.
4. Conflict of Interest. Consultant shall represent in writing that it (a) has conducted a thorough conflicts investigation and (b) has determined that Consultant is not performing, has not performed, and has not been engaged to perform any consulting work that is actually or potentially adverse to SAWPA or the project.
5. Other information. Include other relevant information that supports the consultant's proposal.

9. PROPOSAL SUBMISSION

Proposals submitted in response to this RFP as described herein, will be submitted electronically via PlanetBids, as an Adobe Acrobat (PDF) files, with search capability to ensure readability and compatibility.

All proposals must be received by **5:00 pm PST on Monday, January 20, 2025.**

Any changes to this RFP are invalid unless modified explicitly by SAWPA and issued as a separate addendum document. Should there be any question as to changes to the content of this document, SAWPA's copy shall prevail. The submitting firm is responsible for receiving their submittal by the stated deadline. SAWPA will not accept submittals after the due date/time listed above.

10. INTERVIEW

The top two (2) respondents may be invited to an interview to help clarify each proposal and the approach and qualifications for the project. Based on the evaluation of the proposals and the interview, the top-ranked consultant will be recommended to the SAWPA Commission. If needed, interviews will be scheduled with select firms following an initial review of the proposals and will take place the week of the date specified in the Proposal Schedule above. The team members who will work on the project must attend the interview, including any subconsultants. The interview will consist of a 20-minute presentation by the project team and a question-and-answer period.

11. EVALUATION PROCESS AND CRITERIA

Proposals will be reviewed by a selection committee. Review and evaluation of the proposals will be based upon the following criteria:

| CRITERIA | DESCRIPTION | POINTS |
|--|--|------------|
| Experience on similar projects and project team | The respondent and staff assigned to the project have the skills and experience necessary to complete the deliverables | 20 |
| Demonstrated ability to perform the tasks outlined in this RFP | Respondent has experience with similar projects and a prior record of performance (i.e., relevant reference projects) | 20 |
| Project Understanding and Approach | Respondent adequately described the anticipated approach for completing each deliverable | 40 |
| Quality and completeness of proposal | The respondent met the RFP requirements and provided a high-quality and complete proposal | 15 |
| Timeline | The timeline is reasonable to complete the proposed work | 5 |
| TOTAL | | 100 |

SAWPA reserves the right to issue additional RFPs, to modify, or to abandon this project before award of contract.

12. ATTACHMENTS

Attached are the following:

- Appendix A: List of reference documents for the development of the CARP
- Appendix B: General Services Agreement Template
 - A sample copy of SAWPA’s Standard Agreement for Consulting Services is attached
- Appendix C: Task Order Template
- Appendix D: SAWPA RRGF Grant Application to OPR for ICARP
 - Grant Application - Work Plan
 - Grant Application - Narrative

APPENDIX A: LIST OF REFERENCE DOCUMENTS

List of planning, regulatory, and environmental documents that will need to be reviewed. This list is not an exhaustive list of resources and should be supplemented with any applicable resources:

- [California Adaptation Planning Guide \(2020\)](#)
- [California Water Plan Update 2023](#)
- [California's Water Supply Strategy \(August 2022\)](#)
- California's Fourth Climate Change Assessments (using Cal-Adapt):
 - [Statewide Summary Report](#)
 - [Inland Deserts Region Report](#)
 - [Los Angeles Region Report](#)
- [California's Water Resilience Portfolio](#)
 - [Water Resilience Portfolio 2021 – Progress Report](#)
 - [Water Resilience Portfolio 2023 – Progress Report](#)
- [California State Hazard Mitigation Plan \(SHMP\) \(2023\)](#)
- United States Department of the Interior's Climate Action Plan, 2021
- Metropolitan Water District of Southern California's Climate Adaptation Master Plan for Water
- [Metropolitan Water District of Southern California's Climate Action Plan](#)
- [SAWPA's One Water One Watershed Plans](#),
 - [One Water One Watershed Plan 2.0](#)
 - [One Water One Watershed Plan Update 2018](#)
- [Santa Ana River Watershed Community Water Experiences: An Ethnographic Strengths and Needs Assessment](#)
- Upper Santa Ana River Habitat Conservation Plan – HCP (draft)
- [Upper Santa Ana River Wash Habitat Conservation Plan Natural Resource Management Plan](#)
- SAWPA Member Agency Planning Documents
- Stormwater Resources Plans (Orange, San Bernardino and Riverside County)
- [County of Orange and Unincorporated County Communities' Preliminary Climate Action Plan, 2024](#), as well as eventual finalized draft, if possible.
- West Riverside County and San Bernardino County Vulnerability Assessments
- Southern California Edison Climate Adaptation and Vulnerability Assessment
- Other relevant documents addressing the impacts of climate risks, adaptation strategies, and vulnerability assessments.

APPENDIX B: GENERAL SERVICES AGREEMENT TEMPLATE



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

This Agreement is made this ___ day of _____, 20__ by and between the Santa Ana Watershed Project Authority ("SAWPA") located at 11615 Sterling Ave., Riverside, California, 92503 and _____ ("Consultant") whose address is _____.

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, 20__**, unless extended or sooner terminated as provided for herein.

1.

2. ARTICLE II

3. 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

4. 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.

5.

6. 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.

7. 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.

8.

9. ARTICLE IX

10. 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.

11. ARTICLE XI

12. 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 non-discrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

APPENDIX C: TASK ORDER TEMPLATE



SANTA ANA WATERSHED PROJECT AUTHORITY
TASK ORDER NO. _____

CONSULTANT: [Name] **VENDOR NO.:** XXX
[Address]

COST: \$xxxx

PAYMENT: Upon Receipt of Proper Invoice

REQUESTED BY: [Manager], [Title] [Date]

FINANCE: _____
Karen Williams, Deputy GM/CFO Date

FINANCING SOURCE: Acct. Coding: xxx
Acct. Description: xxx

COMMITTEE AUTHORIZATION REQUIRED FOR THIS TASK ORDER: YES () NO ()
Authorization: [Date]; CM#2024.xx

This Task Order is issued upon approval and acceptance by the Santa Ana Watershed Project Authority (SAWPA) and _____ (Consultant) pursuant to the General Services Agreement between SAWPA and Consultant, entered into on [date], expiring [date].

I. PROJECT NAME OR DESCRIPTION
XXXX

II. SCOPE OF WORK / TASKS TO BE PERFORMED
Consultant shall provide all labor, materials, and equipment for services to provide...

Please also refer to Appendix X for acceptable formats

III. PERFORMANCE TIME FRAME
Consultant shall begin work [date] and shall complete performance of such services by **[date]**.

IV. SAWPA LIAISON
_____ 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 \$_____. 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. All such invoices shall be sent via-email to Apinvoices@sawpa.gov, or as otherwise directed in writing by SAWPA.

APPENDIX D: SAWPA RRGF GRANT APPLICATION TO OPR FOR ICARP

Work Plan

Instructions:

1. Fill out the rows and columns with the requested information. The workplan has no page limit.
2. Indicate all required activities in this workplan. The workplan is a set of strategies that align with program objectives and achieve the project vision.
3. For the eligible activities listed in the Guidelines, applicants must describe the tasks and subtasks, timeline to complete the key tasks and deliverables, and members involved in implementing each task and subtask.
4. The workplan should adequately describe the tasks so reviewers can understand how specific tasks advance project objectives and goals.
5. Applicants are not limited to the five strategies as shown in this workplan. Add more strategies as needed.
6. To see an example, visit the Sheet in this workbook named "5. Example - Work Plan." For an explanation of "RRGP Eligible Activities Addressed" go to Sheet #7 in the Workbook "Reference."

The Work Plan should adhere to the 12- to 30-month expected end date and include clear timelines, discrete tasks, and detailed deliverables.

| | | |
|-------------------------|---|---|
| Proposal Name: | Santa Ana River Watershed Climate Adaptation and Resilience Plan (SARWCARP) | |
| Lead Applicant: | Santa Ana Watershed Project Authority (SAWPA) | |
| Co-Applicant(s): | The Soboba Band of Luiseño Indians (Soboba) | Inland Southern California Climate Collaborative (ISC3) |

Task 1: Project Management

| Subtask | Description <i>Include details of the activities or deliverables</i> | Deliverables / Milestones <i>Major outcomes and/or metrics used to demonstrate success</i> | Timeline <i>No later than June 30, 2026</i> | Partners Involved <i>This could be the lead applicant, co-applicant(s), or unfunded partner(s).</i> | RRGP Eligible Activities Addressed |
|---|--|--|--|--|------------------------------------|
| Subtask A: Project Kickoff | The project will be led by SAWPA and its co-applicants Soboba and ISC3. SAWPA intends to hire technical consultant(s) to assist with the development of the regional Santa Ana River Watershed Climate Adaptation and Resilience Plan (SARWCARP). Plan and organize an initial kick-off meeting with the Project Team to discuss project goals, partner responsibilities, and schedule, and begin the initial activities. The Team will present a draft Work Plan and lead a discussion on scope refinements and begin identifying existing documents, existing policies, and key partners to engage with throughout the planning process. This meeting will also serve to establish the project management procedures, including invoicing terms and communication protocols. | Kick-off meeting, agenda, and meeting notes | Nov-23 to Nov-23 | SAWPA, ISC3, Soboba, Consultant(s) | Program Administration |
| Subtask B: Develop Project Workplan | Establish a comprehensive and detailed Project Work Plan, which will outline key activities, partner roles and responsibilities, milestones, deliverables, and timelines. The Work Plan will guide project implementation through the project coordination process (Subtask C), establish accountability among project partners, and involve the community throughout the development of the Plan. | Project Workplan and quarterly revisions, which will be provided to the WRTAC | Nov-23 to Oct-25 | SAWPA, Consultant(s) Review: ISC3, Soboba | Program Administration |
| Subtask C: Project Coordination | Coordinate communications and check-in meetings between the Project Managers (e.g., SAWPA, partner project leads [as needed], and consultants [as needed]), working closely for the duration of the project to ensure that progress is carefully tracked, attention is drawn to any difficulties encountered, and the project is conducted in a highly professional manner. This task will include communications with all partners and stakeholders, status updates, invoices (following the contract requirements), and summarizing completed work relative to the workplan. All updates will be collected and maintained internally and provided to OPR on a regular basis (such as during evaluation of project with ORP staff). | Bi-weekly meetings, agendas, meeting notes/status updates, invoices | Nov-23 to Oct-25 | SAWPA, Consultant(s) Review: ISC3, Soboba | Program Administration |
| Subtask D: Project Monitoring and Reporting (Evaluation Activities) | To demonstrate the success of the grant program and alignment with OPR's goals, develop a Grant Monitoring Program that includes detailed goals and key performance indicators that can be used to efficiently track the project's progress and success and continue to evolve and refine programs as needed to reach the greatest amount of diverse community members. Provide regular reports to OPR and other grantees, as appropriate, demonstrating successes and highlighting any opportunities for improvement or revision as well so we can work together to make the most positive change. Include a mechanism to track future strategy implementation and provide an assessment, based on current practices detailing the timeframe that the strategies are anticipated to be effective, at which point they can be reevaluated for effectiveness and refined as appropriate. | Grant reports | Nov-23 to Oct-25 | SAWPA Review: ISC3, Soboba | Evaluation Activities |
| Subtask E: Peer-to-Peer Learning | To ensure the project is connected with other watershed resilience work taking place around the state, four virtual peer-to-peer sessions will be hosted by SAWPA. The first session, which will take place within six months of kick-off, will focus on incorporating lessons learned from other parts of the state (e.g., Yolo County and the American River Watershed). The second session will take place in the 6-10 month timeframe, and will focus on cataloging adaptation options being explored/utilized across different watersheds. The third session will take place in the 11-14 month timeframe and focus on understanding how different programmatic funding approaches (i.e., bonds, special district formation, local grant programs, etc.) are being employed across different watersheds. The fourth session will take place at the end of the project (month 18) and will provide an opportunity to report out to other regions on lessons learned and next steps. Quarterly virtual meetings will be held with SAWPA, co-applicants, and OPR staff to share knowledge and lessons learned during the planning process. | Four (4) virtual meetings, agendas, and meeting notes with other watersheds. Four (4) virtual meetings, agendas, and meeting notes with OPR staff. | May-23 to Oct-25 | SAWPA, ISC3, Soboba, Consultant(s) | Peer-to-Peer Learning |

Task 2: Engagement

| Subtask | Description <i>Include detail of activities or deliverables</i> | Deliverables / Milestones <i>Major outcomes and/or metrics used to demonstrate success</i> | Timeline <i>No later than June 30, 2026</i> | Partners Involved <i>This could be the lead applicant, co-applicant(s), or unfunded partner(s).</i> | RRGP Eligible Activities Addressed |
|--|--|---|--|---|------------------------------------|
| Subtask A: Develop Community and Stakeholder Engagement Plan | Develop Community and Stakeholder Engagement Plan to lay out the specific organization, timing, methods, tools, and planned outcomes for the community outreach (Tribal Nations, CBOs, non-profits, community organizations) and the utilities and public agency outreach (water/wastewater utilities, transportation, energy, council of governments, cities, counties, flood control districts) for all the activities under Task 2. The applicants and identified community engagement partners will identify additional locally-based engagement partners to ensure that disadvantaged communities (DACs) are engaged. SAWPA and consultant(s) will engage with SAWPA member agencies (San Bernardino Valley Municipal Water District [SBV], Eastern Municipal Water District [EMWD], Western Municipal Water District [Western Water], Inland Empire Utilities Agency [IEUA], and Orange County Water District [OCWD]), utilities (water/wastewater, transportation, energy, etc.), and other public agencies within the SARW to solicit input on already established relationships within their communities, especially underserved communities on the engagement plan. Applicants and their partners will develop the detailed plan, which will be used to monitor and guide the engagement process. | Stakeholder and Community Engagement Plan (Word and PDF Formats) | Nov-23 to Jan-24 | SAWPA, ISC3, and Soboba will be responsible for identifying and selecting engagement partners. Identified community engagement partners (Orange County Coastkeeper (OCCK), Inland Empire Waterkeeper (IEWK), California Rural Water, Santa Ana Watershed Association (SAWA), and Climate Action Campaign (CAC) and public utilities will assist the applicants to develop the detailed engagement plan. | RRGP Eligible Planning Activities |
| Subtask B: Watershed Resilience Technical Advisory Committee (WRTAC) | Develop and facilitate quarterly sessions with the WRTAC, which will provide guidance and support for the planning process so that it remains consistent with the overall goal of the project to foster a broader network of collaborators in adaptation projects. The WRTAC will be formed with a balanced set of stakeholders including SAWPA member agencies (SBV, EMWD, Western Water, IEUA, and OCWD), utilities (water/wastewater agencies, water conservation districts, flood control districts, transportation, energy), council of governments (COG), including Western Riverside COG, Orange County COG, San Bernardino COG, agricultural agencies (County Farm Bureau, etc.), cities, and counties to provide guidance and technical input on the project touch points (climate vulnerabilities and adaptation strategies). | Eight (8) quarterly meetings, agendas, and meeting notes | Nov-23 to Oct-25 | SAWPA, ISC3, Soboba, Consultant(s), WRTAC | Program Administration |
| Subtask C: Watershed Resilience Community Advisory Panel (WRCAP) | Develop and facilitate quarterly sessions with the WRCAP, which will serve in an advisory role to the planning process to ensure that DAC and underrepresented community needs and priorities are effectively represented across the planning process. WRCAP will track and guide engagement activities, as well as evaluate the prioritization criteria for adaptation options, guide the incorporation of equity criteria into the adaptation portfolios, and ensure that CBOs are effectively integrated into the implementation plan. The WRCAP will consist of a diverse network of CBOs, non-profits, and universities whose support was solicited during the grant application development process and includes: Orange County Coastkeeper, Inland Empire Waterkeeper, California Rural Water, Santa Ana Watershed Association, Climate Action Campaign, and UC Riverside. The WRCAP will engage with other CBOs during the project touch points (climate vulnerabilities and adaptation strategies) to get a broad perspective in the typologies identified in the watershed. Valerie Olsen, Ph.D. (University of California, Irvine, Department of Anthropology), who developed the strategy for SAWPA's existing DAC Involvement Program, will serve as an expert advisor to ISC3 and the WRCAP on visioning strategic engagement and defining outcomes. | Eight (8) quarterly meetings, agendas, and meeting notes | Nov-23 to Oct-25 | ISC3 to facilitate community engagement process with WRCAP on project touch points. Visioning on engagement and outcomes strategy will be supported by Valerie Olsen, Ph.D. of UC Irvine. | RRGP Eligible Planning Activities |
| Subtask D: Vulnerability and Community Needs Engagement | The first engagement phase will focus on understanding community perspectives on climate vulnerabilities and underlying risk factors that influence sensitivity to climate hazards. This first touch point will be led by the WRCAP, which constitute CBO partners conducting sessions within local communities in diverse typologies (headwaters, working lands, tribal, inland urban, coastal urban) and in underserved communities using a variety of tools the partners have experience using and articulated in the engagement plan. Tribal partners will lead listening sessions and open houses, and will implement a variety of individualized tools to engage on climate vulnerability and tribal community needs. Results will be collected and packaged to support the vulnerability assessment. | Community Engagement Events Materials, Summary Notes, and result matrix (Excel Format) | Jan-24 to Mar-24 | ISC3, SAWPA, Consultant(s), and WRCAP. Soboba and Cal Rural Water to facilitate engagement within Tribal communities (such as San Manuel, Morongo, and Ramona). | RRGP Eligible Planning Activities |
| Subtask E: Stakeholder Interviews on Climate Vulnerability | The first interview phase will focus on understanding stakeholder perspectives on climate vulnerabilities and underlying risk factors that influence sensitivity to climate hazards. SAWPA and consultant(s) will facilitate engagement with the WRTAC and other watershed stakeholders to be interviewed including SAWPA member agencies: SBV, EMWD, Western Water, IEUA, and OCWD, special districts, conservation resource districts, utilities (So Cal Edison, transportation etc.), local government (cities, counties, etc.), land managers, and other agencies (CalFire, USDA, etc.). Existing vulnerabilities and perspectives on the greatest climate threats for each stakeholder will be catalogued. | Stakeholder Interview Materials, Summary Notes, and Result Matrix (Excel Format) | Jan-24 to Mar-24 | SAWPA, Consultant(s), WRTAC, support from ISC3. | RRGP Eligible Planning Activities |
| Subtask F: Adaptation and Resilience Opportunities Engagement | The second engagement phase will focus on understanding community perspectives on adaptation options and underlying needs and preferences that influence the successful local application of innovative approaches, nature-based solutions, and other options within local communities in diverse typologies (headwaters, working lands, tribal, inland urban, shore line urban) and in underserved communities. WRCAP and CBO partners will conduct sessions within local communities using a variety of tools the partners have experience using and articulated in the engagement plan. Tribal partners to conduct engagement and implement a variety of individualized tools to engage on tribal adaptation strategies and nature-based solutions. The results will be collected and packaged to support the adaptation portfolio development. | Community Engagement Events Materials, Summary Notes, and result matrix (Excel Format) | Aug-24 to Sep-24 | ISC3, SAWPA, Consultant(s), and WRCAP. Soboba and Cal Rural Water to facilitate engagement within Tribal communities (such as San Manuel, Morongo, and Ramona). | RRGP Eligible Planning Activities |
| Subtask G: Stakeholder Interviews on Adaptation Strategies | The second interview phase will focus on understanding stakeholder perspectives on existing or planned adaptation strategies and the underlying factors that influence the successful application of projects that meet their needs and that of their constituents. SAWPA and consultant(s) will facilitate engagement with the WRTAC and other watershed stakeholders to be interviewed including SAWPA member agencies: SBV, EMWD, Western Water, IEUA, and OCWD, special districts, conservation resource districts, utilities (So Cal Edison, transportation etc.), local government (cities, counties, etc.), land managers, and other agencies (CalFire, USDA, etc.). The identified adaptation strategies will be catalogued and consolidated into a complete list of options. | Stakeholder Interview Materials, Summary Notes, and Result Matrix (Excel Format) | Aug-24 to Sep-24 | SAWPA, Consultant(s), WRTAC, support from ISC3. | RRGP Eligible Planning Activities |

| | | | | | |
|---------------------------------------|--|---|------------------|------------------------------------|-----------------------------------|
| Subtask H: SARWCARP StoryMap (ArcGIS) | Using ArcGIS online tools, a digital platform (StoryMap) will be developed over the course of the planning process. The platform will be used to communicate plan information to the public and stakeholders and will serve as an educational tool as well as a way to show implementation progress after the Plan is completed. Potential components of the digital storymap include an introduction to climate change, communities, and the watershed (Task 1); Engagement (Task 2); Vulnerabilities (Task 3); Adaptation approaches (Task 4); Resilience portfolios (Task 5); and Monitoring (Task 6). SAWPA will take ownership of the platform and commits to supporting the cost of maintaining and operating after the Plan has been developed. | Web-based digital platform to inform stakeholders and the public about the plan and keep them apprised of implementation progress | Nov-23 to Oct-25 | SAWPA, ICS3, Soboba, Consultant(s) | RRGP Eligible Planning Activities |
|---------------------------------------|--|---|------------------|------------------------------------|-----------------------------------|

Task 3: Vulnerability Assessment

| Subtask | Description <i>Include detail of activities or deliverables</i> | Deliverables / Milestones <i>Major outcomes and/or metrics used to demonstrate success</i> | Timeline <i>No later than June 30, 2026</i> | Partners Involved <i>This could be the lead applicant, co-applicant(s), or unfunded partner(s).</i> | RRGP Eligible Activities Addressed |
|---|--|---|--|--|------------------------------------|
| Subtask A: Characterize regional climate threats | Assess the primary climate hazards of concern, which include extreme heat, drought, extreme weather, flooding, sea-level rise, and wildfire across the watershed. The selection of scenarios will be based on existing literature, including the SAWPA One Water One Watershed Plan Update 2018 (2019) and other relevant vulnerability assessments. The characterization will be based on California's Fourth Climate Change Assessment (using Cal-Adapt) with additional studies and resources to augment the study where feasible. The team will digitally map climate change projections as feasible to be used for the project StoryMap (Task 2H). | Draft and Final Technical Memo, which describes the climate change projects, which will be used as a basis for the Vulnerability Assessment (Word and PDF Formats) | Nov-23 to Dec-23 | SAWPA, Consultant(s) with input and review from ISC3, Soboba, WRTAC | RRGP Eligible Planning Activities |
| Subtask B: Evaluate social vulnerabilities associated with populations and critical infrastructure considering existing conditions and future development | Based on the climate threats (Task 3A) and building from existing resources, such as the West Riverside County and San Bernardino County Vulnerability Assessments, the Southern California Edison Climate Adaptation and Vulnerability Assessment, and the SAWPA Ethnographic Strength and Needs Assessment, assess the climate change vulnerabilities of communities and critical infrastructure. An initial screening of climate vulnerable communities has already been done (see the grant application Figure 1) using the California Climate Investments Priority Populations Data 2023 dataset. A Social Sensitivity Index Map will be prepared with additional socio-economic indicators to identify communities across the watershed (i.e., seniors, linguistic isolation, etc.) in order to identify areas that experience disproportionate climate change risk. The analysis will also include additional sensitivity factors such as impervious surface and tree canopy cover to convey a complete analysis of community vulnerabilities across the watershed. Community sensitivity data will be mapped and integrated with the climate hazard spatial data and additional layers that indicate areas of responsibility with different stakeholder jurisdictions (cities, counties, federal agencies, special districts, etc.). This data will support the digital project content under Task 2H to support the communication of project analyses. The analysis will identify direct threats to populations and critical infrastructure, including water and wastewater facilities, educational facilities and transportation infrastructure, as well as cascading impacts associated with potential power loss or disruption of other essential services during an extreme climate event. The Vulnerability Assessment will be prepared consistent with the latest (2020) California Adaptation Planning Guide. | Draft and Final Technical Memo, which describes community vulnerabilities and will be used to support the identification and prioritization of adaptation strategies (Word and PDF Formats) | Jan-24 to Jun-24 | SAWPA, Consultant(s) Review: ISC3 and Soboba, WRCAP and WRTAC | RRGP Eligible Planning Activities |
| Subtask C: Evaluate watershed vulnerabilities associated with ecosystems, water resources, water conveyance infrastructure, and demand for water considering existing conditions and future development | Based on the climate threats (Task 3A) and building from existing resources, such as the One Water One Watershed Plan, the Upper Santa Ana Watershed Integrated Regional Water Management Plan, and the Upper SAW Habitat Conservation Plan, evaluate climate change vulnerabilities of the watershed/ecosystems. The watershed is dependent on a highly integrated combination of groundwater, surface water, recycled water, and imported water resources. The analysis will include several types of potential impacts, including water supply, water quality, flooding, ecosystem, and habitat health. The analysis will also include a summary of water uses and users across the domestic, agricultural, and environmental contexts. Watershed sensitivity data will be mapping and integrated with the climate hazard spatial data and additional layers that indicate areas of responsibility with different stakeholders (water agencies, resource conservation districts, federal agencies, etc.). This data will support the digital project content under Task 2H to support the communication of project analyses. The analysis will identify direct threats to habitat and water resources, and water-related infrastructure, as well as cascading impacts associated with potential power loss or disruption of other essential services during an extreme climate event. The Vulnerability Assessment will be prepared consistent with the latest (2020) California Adaptation Planning Guide. | Draft and Final Technical Memo, which describes watershed vulnerabilities and will be used to support the identification and prioritization of adaptation strategies (Word and PDF Formats) | Jan-24 to Jun-24 | SAWPA, Consultant(s) Review: ISC3 and Soboba, WRCAP and WRTAC | RRGP Eligible Planning Activities |
| Subtask D: Map linkages between water resource and community vulnerabilities and develop problem statements | The final step in the assessment process will be to identify linkages between community and watershed vulnerabilities. This is the first step in enabling stakeholders to identify opportunities for shared interest and mutual benefit. At this stage, the analysis will focus on areas of mutual vulnerability and risk. For example, groundwater recharge may be constrained by the same impermeable surface area that amplifies the urban heat island effect. The outcome of this step will be a problem statement matrix that identifies the linkages between climate threats and the vulnerabilities of different stakeholders. This will support the development of adaptation/resilience benefit distribution analysis and strategy prioritization process. | Draft and Final Climate Vulnerability Problem Statement Matrix (Excel Format) | May-24 to Aug-24 | SAWPA, Consultant(s), ISC3, Soboba, WRTAC, WRCAP | RRGP Eligible Planning Activities |

Task 4: Adaptation Analysis

| Subtask | Description <i>Include detail of activities or deliverables</i> | Deliverables / Milestones <i>Major outcomes and/or metrics used to demonstrate success</i> | Timeline <i>No later than June 30, 2026</i> | Partners Involved <i>This could be the lead applicant, co-applicant(s), or unfunded partner(s).</i> | RRGP Eligible Activities Addressed |
|---------|--|---|--|--|------------------------------------|
|---------|--|---|--|--|------------------------------------|

| | | | | | |
|--|--|---|------------------|---|-----------------------------------|
| Subtask A: Establish Watershed Resilience Goal and Vision statements | The WRTAC and the WRCAP will both engage in visioning and goal setting sessions after the first round of engagements and interviews is complete and the vulnerability assessment has been drafted. The sessions will be informed by a survey that will be distributed through the Storymap and the network of people and organizations identified through the first round of interviews and engagements. We anticipate the statements will emphasize a desire for the Santa Ana River Watershed Climate Adaptation and Resilience Plan (SARWCARP) to facilitate greater collaboration across a wider range of stakeholders, including CBOs, an intent to develop programmatic adaptation investments, a focus on maximizing multi-benefit opportunities, and improving community and water resource resilience through nature-based solutions. The statements will serve as a compass from which to orient the screening/prioritization criteria and process. | SAR Resilience Goal and Vision Statement (1-2 pages, prepared as a PDF as well as for the digital storymap) | Aug-24 to Sep-24 | SAWPA, Consultant(s), ISC3, Soboba, WRTAC, WRCAP, Valerie Olsen (UCI) | RRGP Eligible Planning Activities |
| Subtask B: Catalog and characterize physical and policy adaptation options | The vulnerability assessment findings (Task 3D) will be used to support the development of targeted policy and physical adaptation strategies that support a more equitable and effective distribution of resilience benefits. Various types of nature-based adaptation strategies will be cataloged and characterized in terms of potential types of benefits, potential constraints, responsible stakeholders, potential locations within the watershed, and potential beneficiaries. The list of options and their characteristics will be developed using existing plans/programs (such as the Upper Santa Ana Watershed Habitat Conservation Plan, the Watershed Connect Program, a Santa Ana River Conservation and Conjunctive Use Program) and through stakeholder interviews (CBOs, local and regional agencies, etc.). Adaptation options will be mapped (as feasible) and integrated with the climate hazard and vulnerability spatial data. This data will support the digital project content under Task 2H to support the communication of project analyses. | Adaptation Strategy Matrix (Excel Format) | Aug-24 to Oct-24 | SAWPA, Consultant(s) Review: ISC3, Soboba, WRTAC, WRCAP | RRGP Eligible Planning Activities |
| Subtask C: Develop equity guardrails for adaptation options | An equity guardrail framework will be developed in order to assure equity considerations influence the multi-benefit criteria (in Task 4E) and actions holistically address community priorities and needs. This framework will be developed in collaboration with community representatives and stakeholders to identify the core impacts on equity that may be seen due to the implementation of adaptation actions. Issues like increased costs, inequitable access to benefits, displacement, and others have been identified in other communities. These concerns are then distilled into four or five (measurable) equity guardrails that then serve as requirements against which adaptation measures and actions are analyzed against. | Equity Guardrail Matrix (Excel Format) Equity Guardrails will be incorporated in the Digital Storymap | Sep-24 to Nov-24 | SAWPA, ISC3, Soboba, Consultant(s), WRTAC, WRCAP | RRGP Eligible Planning Activities |
| Subtask D: Characterize the distribution of resilience benefits across the watershed | The potential distribution of resilience benefits across the watershed will be mapped. The purpose of this step in the analysis is to articulate the potential for multiple benefits related to different adaptation options. This step is not intended to provide a detailed quantification of benefits but rather to identify the key linkages and the general scale of potential value for different stakeholders and communities (i.e., conservation/restoration investments in the upper watershed providing providing downstream water quantity and quality benefits to downstream water customers or urban forestry providing local benefits reducing the heat island affect while increasing groundwater recharge, which could support groundwater sustainability). The results of this analysis will be incorporated into the multi-criteria prioritization process. | Adaptation Strategy Matrix (Excel Format) | Aug-24 to Nov-24 | SAWPA, ISC3, Soboba, Consultant(s), WRTAC, WRCAP | RRGP Eligible Planning Activities |
| Subtask E: Develop and apply multi-benefit criteria in order to develop a prioritized set of adaptation options. | Multi-benefit criteria will be developed and applied to the adaptation options matrix that include equity, value, ecosystem value, community, and collaboration value through robust stakeholder and community engagement in order to prioritize a set of adaptation strategies. The criteria will be developed from the characterization process in Task 4D and equity guardrails in Task 4C. The scoring rubric will be customized with a weighting scale that can be fine-tuned to promote measures and actions that perform well in general or based on specific criteria. The scoring system will be developed with input from the second round of stakeholder and public engagement in Task 2. | Adaptation Strategy Prioritization Matrix (Excel Format) Prioritized Adaptation Options will be incorporated into the Digital Storymap | Nov-24 to Feb-25 | SAWPA, ISC3, Soboba, Consultant(s), WRTAC, WRCAP, Valerie Olsen (UCI) | RRGP Eligible Planning Activities |

Task 5: Implementation Plan

| Subtask | Description <i>Include detail of activities or deliverables</i> | Deliverables / Milestones <i>Major outcomes and/or metrics used to demonstrate success</i> | Timeline <i>No later than June 30, 2026</i> | Partners Involved <i>This could be the lead applicant, co-applicant(s), or unfunded partner(s).</i> | RRGP Eligible Activities Addressed |
|---|--|---|--|--|------------------------------------|
| Subtask A: Develop resilience portfolios | Results of the prioritization process completed in Task 4 will inform the development of resilience portfolios, which will be thematic or contextual groupings of resilience strategies and an associated set of stakeholders. The portfolios will be based on several factors associated with the multi-benefit criteria, including mutual benefits/outcomes, connected types of strategies, and location. The resilience portfolios will be developed based on a set of roundtable partner discussions with relevant stakeholders (including CBOs), and recommendations of the WRTAC and WRCAP. While we anticipate the portfolios will come into focus based on the analysis and through a collaborative process, some potential examples could include expanding upon existing programs such as the Headwaters Resilience Partnership in the upper watershed (improving the resilience of forested Santa Ana Watershed ecosystems), the Watershed Connect Program (maximizing the use and reuse of local water resources), and the Santa Ana River Conservation and Conjunctive Use Program (conjunctive use using imported water). We also anticipate developing new types of portfolios that are organized around multi-benefit nature-based solutions in the urban (urban forestry, green infrastructure, pervious pavements, etc.) or the managed lands context (irrigation efficiency, soil management, storage and processing efficiencies, etc.) for example. | Resilience Portfolio Matrix (Excel Format) | Jan-25 to Mar-25 | SAWPA, ISC3, Soboba, Consultant(s), WRTAC, WRCAP | RRGP Eligible Planning Activities |
| Subtask B: Establish performance metrics and measurement framework (social and environmental) | A monitoring and evaluation strategy will be developed based on the final set of resilience portfolios. Based on the specific multi-benefit outcomes of each portfolio, a set of performance metrics will be determined for each one. We anticipate holistic portfolios that each produce a combination of social and environmental outcomes. The performance metrics will incorporate elements of the equity guardrails in order for stakeholders to set equity targets and measure progress against. Performance metric selection will also be informed by the Goal and Vision Statements (Task 4A) so that portfolios are verifiably supporting the high-level plan outcomes. The WRTAC and WRCAP will provide recommendations and feedback on the strategy. | Resilience Portfolio Matrix Revision to include Performance Metrics (Excel Format) | Feb-25 to Apr-25 | SAWPA, Soboba, ISC3, WRTAC, WRCAP, Consultant(s) | RRGP Eligible Planning Activities |

| | | | | | |
|---|---|---|------------------|---|-----------------------------------|
| Subtask C: Develop funding strategy and application support materials | Funding options with an emphasis on opportunities for programmatic and collaborative approaches will be developed for the different adaptation portfolios. Research will be conducted on known and expected grant and loan programs. The emphasis will be on opportunities to fund resilience projects at the scale needed to make measurable progress against performance metrics at a rapid pace. Some basic application material templates will also be prepared to simplify future application efforts by resilience portfolio stakeholders. The materials will highlight different types of benefits associated with specific types of investments from a holistic watershed perspective (i.e., equity, environmental, water resources, sustainability, etc.). | Funding Strategy Matrix (Excel Format) Application Support Templates (Word Format) | Mar-25 to Jun-25 | SAWPA, Consultant(s) Input from WRTAC, ISC3, Soboba, WRCAP | RRGP Eligible Planning Activities |
| Subtask D: Establish coordination process for resilience portfolios and develop a roadmap for near-term actions | A key intent of the planning process is to provide specific forum for future collaborations between stakeholders. Based on the stakeholders associated with each resilience portfolio, a coordination process will be developed that suits their needs. We anticipate that both SAWPA and ISC3 will continue to provide coordination support to resilience portfolio groups after the planning process is complete, as well as provide monitoring and evaluation support. Funding from this grant and implementation of the scope of work serves to advance capacity building within the watershed, not only for co-applicants like ISC3 and Soboba, but also CBOs in the WRCAP. Based on the resilience portfolios and development of the funding strategy, a roadmap will be articulated for anticipated near-term actions, which are expected to occur within the first five years of implementation. | Written content to be incorporated into the Draft Plan (Task 6A) | Apr-25 to Aug-25 | SAWPA, ISC3, WRTAC, WRCAP, Consultant(s) | RRGP Eligible Planning Activities |

Task 6: Plan Development and Approval

| Subtask | Description <i>Include detail of activities or deliverables</i> | Deliverables / Milestones <i>Major outcomes and/or metrics used to demonstrate success</i> | Timeline <i>No later than June 30, 2026</i> | Partners Involved <i>This could be the lead applicant, co-applicant(s), or unfunded partner(s).</i> | RRGP Eligible Activities Addressed |
|--|--|---|--|--|------------------------------------|
| Subtask A: Draft the Santa Ana Watershed Climate Adaptation and Resilience Plan (SARWCARP) | A user friendly and readable SARWCARP document will be developed which leverages infographics, photos, and other visuals whenever possible and leaves all technical documentation to the appendix. The SARWCARP will include both near-term and long-term resilience measures, as well as the implementation plan discussed in Task 5. The SARWCARP will also set key performance indicators which will help define a successful implementation of the SARWCARP strategies and measure progress over time. The Plan will include a full set of appendices in order to document the matrices, technical memos, and other written deliverables associated with the different tasks described above. | Draft SARWCARP (Word and PDF Formats) | Mar-25 to Aug-25 | SAWPA, ISC3, Soboba, Consultant(s) | RRGP Eligible Planning Activities |
| Subtask B: Board and Council Reviews and Adoption Meetings | Review and adoption by the One Water One Watershed Steering Committee (OWOW SC) and the SAWPA Board of Commissioners. Presentations will be given to the Soboba Tribal Council and ISC3 Steering Committee (SC) and membership on the final plan contents. Presentation materials will be prepared in advance of the meeting and the information presented to decision-makers during the meetings, as well as Q&A responses. It is anticipated the OWOW SC, Soboba Tribal Council, and ISC3 SC will be kept apprised of the project progress through regular (e.g., quarterly) updates provided by staff that details the project work completed, any concerns that arose and how they were addressed; and the work anticipated to be completed over the next quarter. Therefore, at the time of the final adoption meetings to discuss the Draft and Final Plan, they would have full knowledge of the project from start to finish and have had a chance to have their questions addressed, which we anticipate will result in a seamless final review and approval process. | Meeting materials, agenda, and meeting notes | Aug-25 to Sep-25 | SAWPA, Soboba, Consultant(s) | RRGP Eligible Planning Activities |
| Subtask C: Final Santa Ana Watershed Climate Adaptation and Resilience Plan (SARWCARP) | The final SARWCARP will be prepared with an Executive Summary in a traditional report format. Feedback from reviews and adoption meetings will be incorporated into the final version of the document. | Final SARWCARP (Word and PDF Formats) | Sep-25 to Oct-25 | SAWPA, ISC3, Soboba, Consultant(s) | RRGP Eligible Planning Activities |

General Narrative Questions

Applicant Information

Proposed Project Name: Santa Ana River Watershed Climate Adaptation and Resilience Plan

Lead Applicant: Santa Ana Watershed Project Authority

Instructions

1. **Review the scoring criteria checkboxes** for each component of the application to understand what the RRGP application review panel will consider when evaluating these responses. The scoring criteria checkboxes are included in Section 3.2 of the RRGP guidelines and in the Scoring Criteria document.
2. **Review the Set-Aside + Funding Goals** under Section 1.5 Funding Availability of the RRGP guidelines to determine whether the project qualifies for set-aside funding and will need to address that in the response.
3. **Provide clear and brief responses** to each of the following application components in the text boxes, which included instructions in brackets.

Notes

- **Word counts** are listed for each question. Adhering to word counts is required. The RRGP application review panel will deduct points for responses that exceed the word count limit.
- **Maps, figures, and pictures** may also be included as part of the responses. Words in maps, tables, and figures will count towards the total word count for the response. Avoid including excessive maps, figures, and pictures to ensure readability.
- **Formatting** such as bullet points (•, ○, Ø), lettering (a, b, c), or underline may be used to organize responses. Avoid excessive formatting to ensure readability.

Application Components & Questions

Project Description & Goals (750 words)

Provide the following numbered information in bold text and consider the guiding questions in the response. The questions are optional and meant to guide responses to show what the RRG application review panel will consider when evaluating applications.

1. Project Description

Optional guiding questions:

- 1.1. What is the project, its main activities, and the region it focuses on?
- 1.2. Does the project align with activities and objectives that relevant published or draft local, regional, tribal, or state plans, programs, or policies outline?
 - 1.2.a. If so, please explain and highlight or directly quote the exact section of the published or draft plan that the project aligns with.
 - 1.2.b. If not, describe relevant past experience. Has the applicant or co-applicant(s) completed similar projects? What framework or process will the applicant use to complete the project?

2. Who the project serves

Optional guiding questions:

- 2.1 Who does the project serve?
- 2.2 Will the project serve, benefit, or represent any vulnerable and/or disadvantaged communities (DACs)? Please explain.
- 2.3 Do DACs make up at least at least 51% of the project applicants' combined jurisdiction by census tracts or population? If so, identify the combined jurisdiction boundaries and how the project meets the 51% by number of census tracts or population.

3. Expected Project outcomes

Optional guiding questions:

- 3.1. What are the project's expected short- and long-term outcomes, including its climate resiliency outcomes?
- 3.2. Do these outcomes consider the other RRG application components, like the [Community Partnership, Needs & Priorities](#), [Regional Partnership](#), [Climate Risks and Multiple Benefits](#), [Organizational Capacity](#), or [Budget](#) components? Please explain.
- 3.3. If the project qualifies for the DAC set-aside, how will the project directly benefit disadvantaged communities?

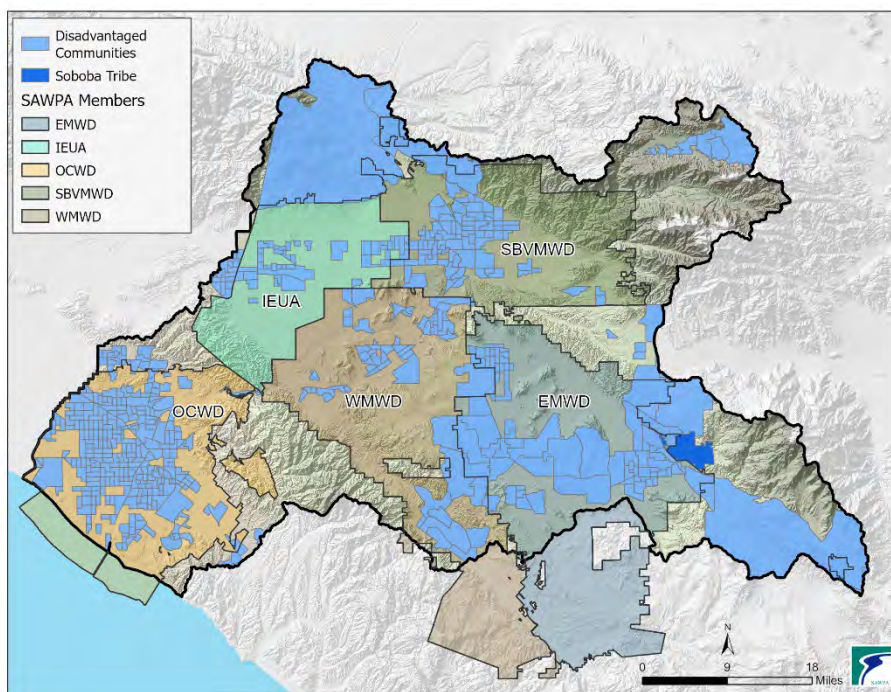


Santa Ana Watershed Project Authority (SAWPA), with Soboba Band of Luiseño Indians (Soboba) and Inland Southern California Climate Collaborative (ISC3), seek funding to develop a community-informed, stakeholder-driven, and implementation focused Climate Adaptation and Resilience Plan (CARP) for the Santa Ana River Watershed (SARW) [SARWCARP]. Our applicants provide significant experience in watershed management, stakeholder coordination, and public engagement, particularly with local disadvantaged and underserved communities.



SAWPA, as the leading resource agency for the SARW, plays a major role in administering, participating, coordinating, and facilitating programmatic efforts to address regional water management issues. SAWPA is the California-approved regional water management group that advanced the One Water One Watershed (OWOW) Program in the SARW, which supports regional, multi-benefit projects that factored in climate change, disadvantaged communities (DACs), and Tribal nation needs.¹ In SAWPA’s service area, 51% is of the population is defined as “Low Income” (Figure 1). SAWPA and its member agencies (San Bernardino Valley Municipal Water District [SBVMWD], Eastern Municipal Water District [EMWD], Western Municipal Water District [WMWD], Inland Empire Utilities Agency [IEUA], and Orange County Water District [OCWD]) have been on the forefront of water resource planning for projects that benefit DACs.

Figure 1, 51% of SAWPA’s service area population is ‘Low Income’².



¹ One Water One Watershed Program (sawpa.org/owow/)

² “Low Income” census tracts are below 80% of the statewide median income, or below the threshold designated as low-income by the HCD Revised 2021 State Income Limits.

Climate vulnerability studies and recent experiences have highlighted drought, extreme weather, wildfire, flooding, sea-level rise, and extreme heat as the most pressing climate hazards of concern affecting the SARW. Because climate change disproportionately impacts vulnerable communities, the project will feature focused engagements with identified DACs, which constitute 51% (~3.2 million people) of SAWPA's service area and the ~9,000 people who identify as Native American (Figure 1).

The project will develop a robust set of watershed resilience project portfolios with funding strategies that equitably reflect and respond to local adaptation needs and priorities and represent actionable opportunities for a larger network of public, private, tribal, and community-based actors. It directly aligns with the California Climate Adaptation Strategy (2022)³ and Water Resilience Portfolio (2022)⁴ by addressing key regional resilience challenges and opportunities through better connected watershed-scale planning.⁵

To facilitate a more adaptive watershed, the project will connect traditional watershed management actors (e.g., SAWPA and member agencies) with a network of stakeholders, including CBOs, local government, utilities (water/wastewater, transportation, energy), special districts, tribes, and underserved communities, to provide increased capacity, partnerships, and a suite of watershed-based adaptation strategies. Nature-based solutions, local supplies, reliable water resources, and community enhancements, including habitat, open space, and recreational opportunities are essential adaptation opportunities addressing climate vulnerabilities that can be developed through collaboration. The project will articulate community-based resilience strategies that directly benefit the 6.2 million people in the SARW. Critically, it will provide opportunities for DACs to have a stronger role in the development and implementation of resilience strategies moving forward. Community engagement plan tools will be incorporated into the outreach strategy (Appendix E).

The project's goal is to accelerate the equitable distribution of resilience benefits across the watershed. Key outcomes include:

- Building an energetic and broad-based coalition of key public, private, and community-based stakeholders that includes better representation of disadvantaged, underrepresented, and tribal communities.
- Identifying and addressing options that address key social, economic, and regulatory constraints that hinder adaptation strategies.
- Identifying multi-benefit adaptation strategies that reflect the needs and priorities of the communities and provide an equitable distribution of resilience benefits.
- Providing evidence, materials, and content that enables stakeholders to apply for implementation funding.

³ Relevant sections are highlighted in Appendix C

⁴ Relevant sections are highlighted in Appendix C

⁵ California Water Resilience Portfolio (2020), page 23



Our project meets the Tribal and DAC set-asides in the RRPB guidelines. The SARWCARP will be developed over an 18-month timeframe. The planning process will feature clear timelines, discrete tasks, and detailed deliverables (see Work Plan).



Community Partnership, Needs & Priorities (1,000 words)

Provide the following numbered information in bold text and consider the guiding questions in the response. The questions are optional and meant to guide responses to show what the RRG application review panel will consider when evaluating applications.

1. What the community's needs and priorities are

Optional guiding questions:

- 1.1. What are the community's needs and priorities?
- 1.2. Does the project consider and address the current, most pressing inequities the communities face, while building resilience in built, natural, and social systems? Please explain.
- 1.3. Do the priorities consider feasibility, adaptive capacity, and building capacity? Please explain.

2. Who identified the community's needs and priorities and how

Optional guiding questions:

- 2.1. Who identified the community's needs and priorities and how did they identify them?
- 2.2. Did community members help or will help identify community priorities through a substantial community engagement process? Please explain.
 - 2.2.a. Did or will this process meaningfully include vulnerable populations or community-based organizations representing vulnerable populations? Please explain.
 - 2.2.b. Did or will this community engagement process involve all affected and necessary parties, including those who may be part of the community partnership structure? Please explain.
 - 2.2.c. If the applicant has not conducted a substantial community engagement process, why not and what is the plan to address this gap? Do the work plan, budget, and community engagement plan reflect those efforts to close the gap during the grant term?

3. How the community's needs and priorities informed the project design

Optional guiding questions:

- 3.1. How did the community's needs and priorities inform the project design?
- 3.2. Did the community help define and design the project through a substantial community engagement process? Please explain.
- 3.3. Did or will this process meaningfully include vulnerable populations or community-based organizations representing vulnerable populations? Please explain.



3.4. Did or will this community engagement process involve all affected and necessary parties, including those who may be part of the community partnership structure? Please explain.

3.5. Does this project have strong community support? Please explain.

4. The project's community engagement and partnership plan

Optional guiding questions:

4.1. What is the project's community partnership structure and how will partnering with the community build climate resiliency in the project's region?

4.2. Does this project have a community engagement plan to meaningfully engage communities throughout the project's timeline? If so, please attach a copy.

4.2.a. Does the plan explain how it will involve vulnerable communities? Please explain.

4.2.b. Does or will the engagement process make it easy for community members to participate in meetings and in the decision-making process? Please explain.

4.2.c. Does the plan show how materials will use accessible language and messaging?

4.3. Does the community partnership structure represent a diversity of residents and key collaborators? Please explain.

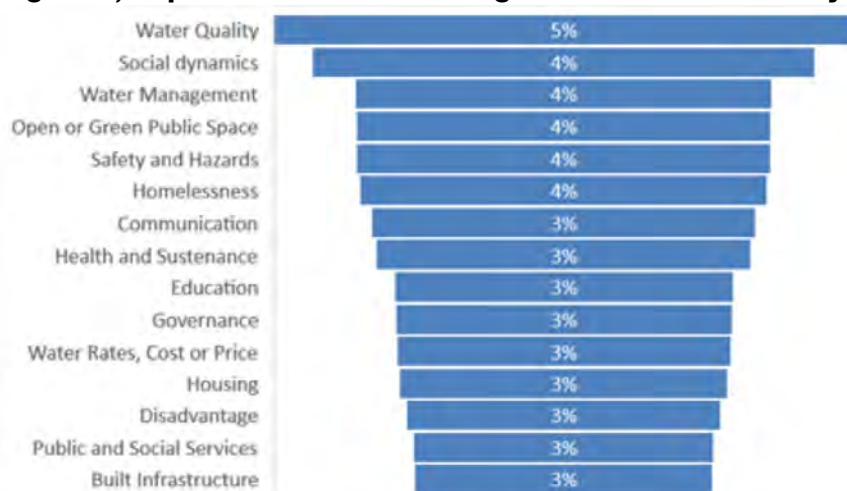
4.4. How will those in the community partnership structure be involved throughout the project, from design to evaluation?

4.4.a. Will the project clearly and meaningfully shift or share decision-making power with vulnerable communities? Please explain.



The SARW continues to grow and urbanize, increasing demand for affordable housing, water, power, transportation infrastructure, and economic opportunity. Approximately 51% of the watershed’s population is considered “Low Income” (Figure 1). Low-income populations are 63% Hispanic or Latino and 37% linguistically isolated. The uneven distribution of social services across the watershed exacerbates the top community concerns, including communication, poverty, and safety and hazards.¹ SAWPA’s previous ethnographic approach to engage with the community through listening sessions resulted in participants expressing vulnerability to the compounding impacts of economic, physical, and sociocultural structural “disadvantage” when it comes to water quality, public safety, access to housing, and green space (Figure 2).⁶

Figure 2, Top Themes from listening sessions conducted by SAWPA⁷



Existing climate vulnerability assessments identify several characteristics associated with DACs in the watershed, including those with outdoor exposure (migrant, seasonal, and outdoor workers; unhoused persons; those reliant on public transportation; seniors; youth; etc.) as the most sensitive to climate hazards, including extreme heat, storms, and wildfire.⁷ Impervious surface and tree canopy data also confirm that urbanized areas in the watershed are highly vulnerable to extreme heat, while also experiencing reduced groundwater infiltration and increased pollution in stormwater. For example, almost all low-income census tracts have minimal (<5%) tree canopy cover.⁸ Communities depend on the resilience of regional infrastructure systems (water, power, transportation), which are vulnerable to climate change as characterized in several studies.⁹

⁶ Santa Ana River Watershed Community Water Experiences (Ethnographic Assessment), pg. 28

⁷ San Bernardino County and Western Riverside County Vulnerability Assessments

⁸ Impervious and tree canopy analysis from Statistical Research Inc.

⁹ Energy (Climate Adaptation Vulnerability Assessment, Southern California Edison, 2022), Water (OWOW, SAWPA, 2018), Transportation (Climate Change Vulnerability Assessment, Caltrans, 2020)

Our theory of change is **if** utilities (water/wastewater, transportation, energy), CBOs, and local communities have more access and capacity to leverage a broader network of stakeholders, including flood control districts, local government, land managers, and other critical service providers, **then** innovative and nature-based solutions are more likely to develop at the scale and customization that better meet the needs and priorities of DACs across the watershed, while supporting more resilient critical services and infrastructure.

Through its recent OWOW Plan and Ethnographic Study, SAWPA and its member agencies engaged DACs through listening sessions (Figure 3). As a regional convener and through cross-sectoral partnerships, ISC3 has identified local needs through recent listening sessions, community-informed strategic planning, and landscape analyses. Soboba has engaged communities through participation in OWOW and its own Vulnerability Assessment¹⁰.

For this project, the applicants reached out to community partners across the watershed to participate in the engagement plan (see Appendices D and E). Information was collected from structured discussions with community partners to develop an effective engagement process that includes:

- Developing a stronger connection between community health/well-being and watershed resilience.
- A robust watershed-wide engagement process that informs the planning process and ensures an inclusive and equitable implementation strategy.
- Use of five typologies in the watershed to understand local dynamics, context, and needs (headwaters, working lands, tribal, inland urban, coastal urban).
- Development of a better-connected network of CBOs rooted in DACs that understand community needs and priorities and can advise on, develop, and implement solutions that fit the local context and include strong local support.
- Equipping CBOs to collaborate, secure funding, and implement innovative and nature-based solutions that improve community health risks associated with climate change.

¹⁰ Vulnerability Assessment, 2018, Soboba



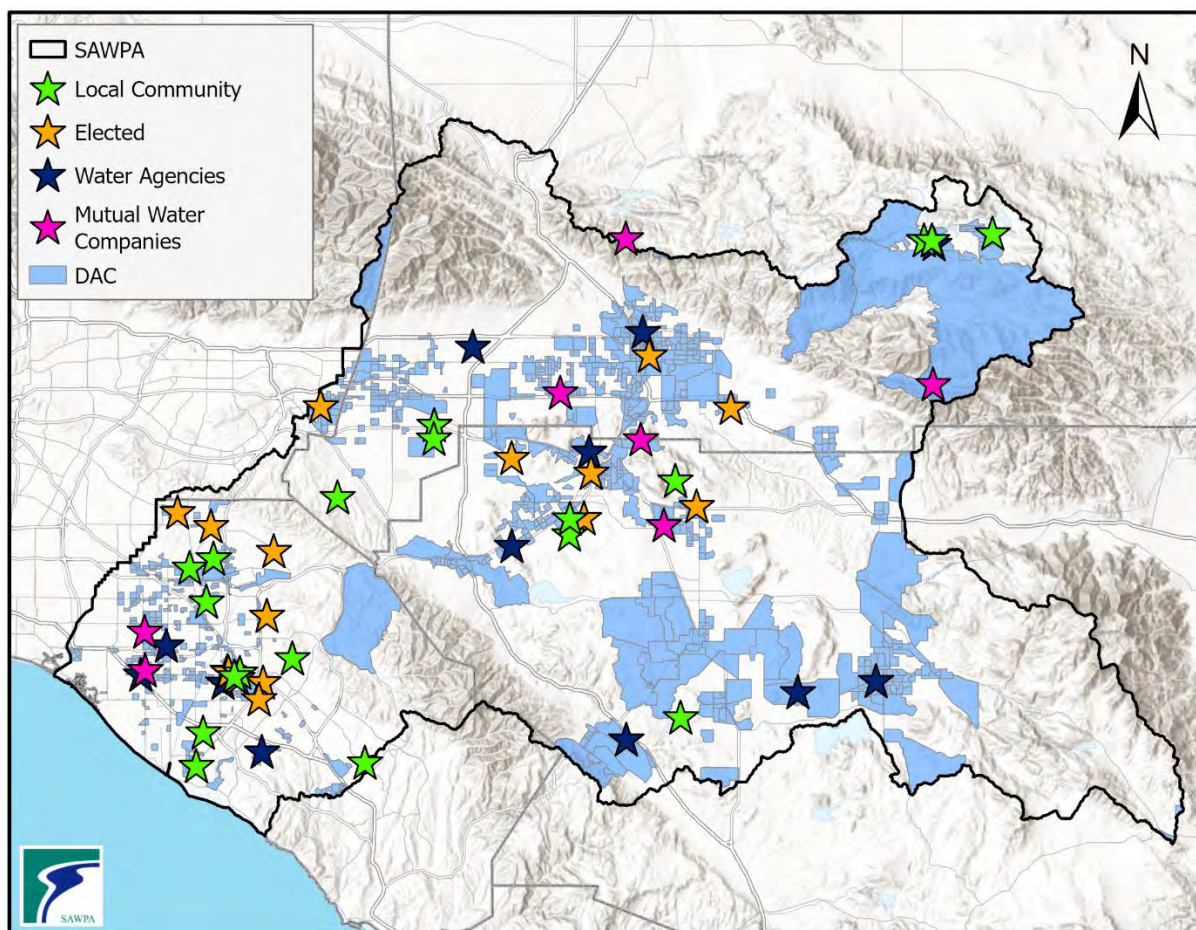
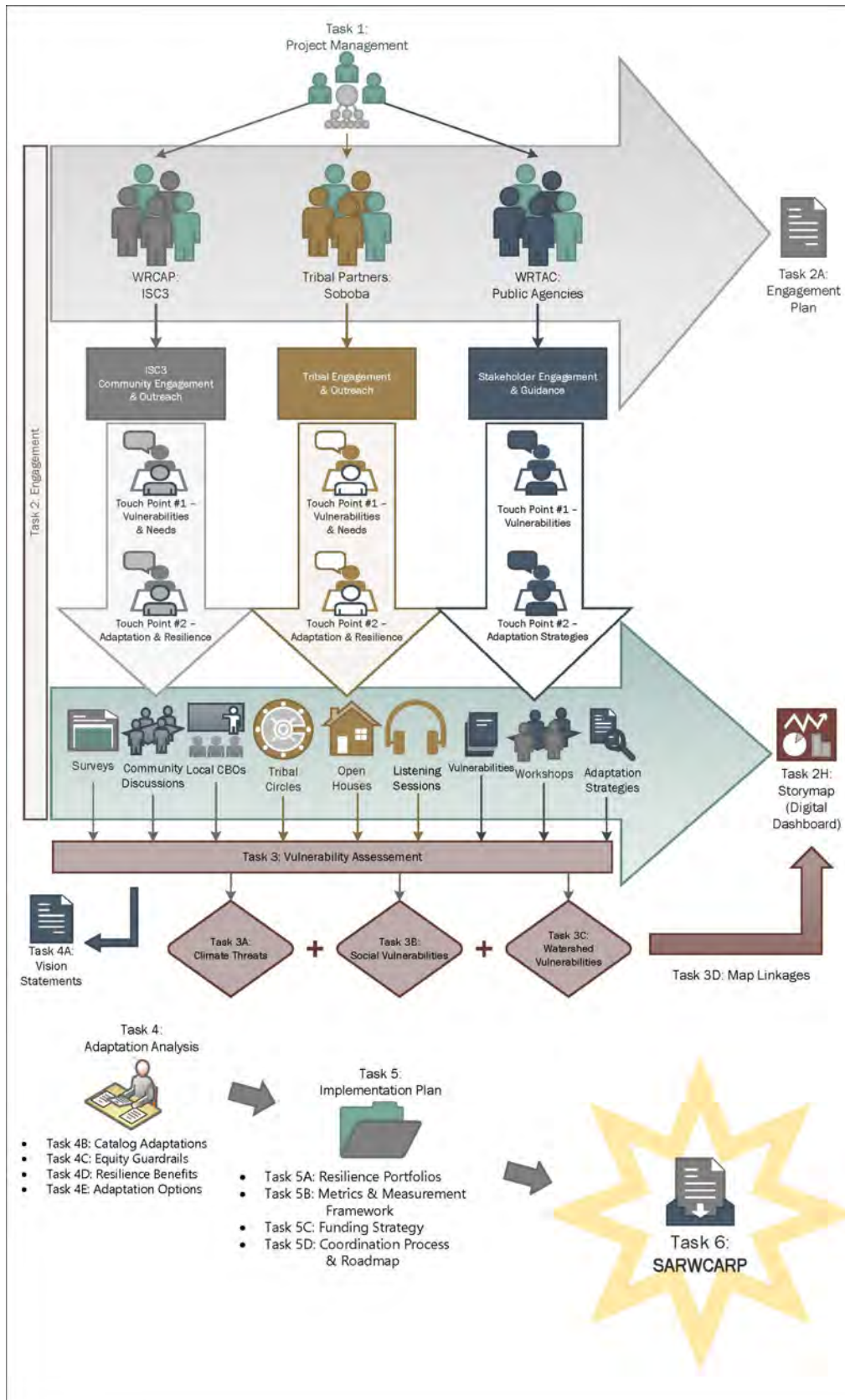
Figure 3, Listening sessions for SAWPA’s Ethnographic Study

Figure 4 provides an overview of the outreach strategy and implementation plan detailed in the Work Plan. The project will be guided by a Watershed Resilience Community Advisory Panel (WRCAP) facilitated by ISC3 and comprised of CBO representatives across the watershed. Dr. Valerie Olsen (UCI Department of Anthropology) will serve as an expert advisor to the WRCAP for the development of engagement and outcome strategies.

The project includes a Watershed Resilience Technical Advisory Committee (WRTAC) comprised of public agency stakeholders to provide guidance and technical input on the project touch points (climate vulnerabilities and adaptation strategies). Members of the WRCAP and WRTAC are shown in Figure 6.

The project will include an online ArcGIS StoryMap to support planning, collaboration, and information sharing. It will communicate the planning process, gather public input, and provide a platform for ongoing information sharing.

Figure 4, A Community Informed Planning Process



Climate Risks and Multiple Benefits (1,000 words)

Provide the following numbered information in bold text and consider the guiding questions in the response. The questions are optional and meant to guide responses to show what the RRGP application review panel will consider when evaluating applications.

1. The region's greatest climate risks

Optional guiding questions:

1.1. What are the region's greatest current and future climate risks?

1.1.a. If the region has not yet identified the greatest climate risks, describe the local or tribal ecological knowledge of climate risks.

1.2. Do the region's greatest climate risks align with the risks the RRGP addresses (drought, flood, extreme heat events, increasing temperatures, sea level rise, wildfire)? Please explain.

2. Whether the application addresses the region's greatest climate risks

Optional guiding questions:

2.1. Will this project address the region's greatest climate risks identified in #1 above? Please explain.

2.2. How will the project maximize resilience? Will it address multiple, interconnected regional climate risks using a systematic approach?

2.2.a. If it is not possible to address more than one regional climate risk due to regional needs, priorities, or other conditions, why not, and does the applicant have any plans to address multiple regional climate risks?

3. Methods the project will use to address the climate risks

Optional guiding questions:

3.1. How did the applicant evaluate opportunities during the project design process to increase resilience to the region's greatest climate risks?

3.2. Were the applicant or co-applicant(s) able to evaluate whether the project could use natural infrastructure to address the climate risks? If so, how?

3.3. Will the project use natural infrastructure to respond to the climate risks where feasible? Please explain.

3.3.a. If using natural infrastructure is infeasible, please explain why not.

3.4. Did the applicant and co-applicant(s) apply systems-level thinking and problem-solving when developing the project? Please explain.



3.5. Will the project use climate projections based on the best available science and local and/or regional data to identify climate risks and exposures, describe the impact of climate change risks and exposures on the community, and identify and prioritize climate adaptation measures and objectives that address such impacts? Please explain.

3.6. Are those climate projections and science relevant to the issue the application is trying to address? Do they support the application and why this is a priority for the community? Please explain.

4. The multiple benefits the project offers

Optional guiding questions:

4.1. How will the project benefit communities within the project area?

4.1.a. Does the project prioritize benefits toward vulnerable communities?

4.2. Do the benefits the project offers go beyond climate resiliency, are cross-cutting, and span sectors and climate issues? Please explain.



In a rapidly growing and urbanizing population with an increasing pressure on water supplies, infrastructure, and the environment, our region faces enormous challenges adapting to climate change. As documented most recently through SAWPA's OWOW¹ (and sourced from California's Fourth Climate Change Assessment), our greatest climate change risks include extreme heat, drought, extreme weather, sea-level rise, and wildfire. The number of extreme heat days is projected to increase, particularly in the lower elevations. An increase of 30-40 days per year is expected by late century. Drought conditions are expected to become more frequent and severe, with more severe atmospheric river events, which will also increase flood risk.¹¹ Wildfire risk is a threat. In the past 20 years, >470,000 acres have burned across the watershed. Per Cal-Adapt, decadal wildfire probability in the upper watershed is expected to increase as much as 50% by late century. Sea-level rise is projected to place increased risk on coastal communities, infrastructure, and groundwater.

Climate change will impact both watershed health and the ability of water agencies to provide reliable and affordable water, including reduced snowpack, changes in timing and amount of runoff, changes to watershed vegetation due to drought events and higher evapotranspiration rates, wildfire, and changes in water demands. Groundwater is a critical water resource in the watershed and its availability will depend on future recharge from precipitation and managed infiltration facilities. Without acting, groundwater levels within the SARW are projected to decline significantly over the 21st century. Imported water from the State Water Project is a critically important supplemental source of water. However, downward trends in SWP allocations coupled with climate change¹² have increased the need for renewed investments that enhance local water resources.

SARW communities, particularly those that are sensitive to climate change due to various socio-economic factors (low income, elderly, youth, hazard-prone locations, etc.) will face potential health, safety, and financial climate change impacts.¹³ The urban heat island effect will disproportionately affect the high social vulnerability communities located in densely populated areas of the watershed such as the Cities of San Bernardino, Riverside, Santa Ana, and Anaheim. More frequent and intense heat also has the potential to negatively affect transportation and electric infrastructure, agricultural production, and heat-sensitive ecosystems.

The watershed serves as connective tissue for communities and ecosystems. Innovative solutions and nature-based strategies, such as habitat restoration, horizontal levees, urban

¹¹ Gershunove et al., 2019, Precipitation regime change in Western North America. Indicates an 88% increase in extreme precipitation events SARW (pg. 4)

¹² California's Water Supply Strategy (2022) indicates, "...hotter and drier weather could diminish our existing water supply by up to 10% by 2040."

¹³ Numerous assessments, including the San Bernardino County and West Riverside County Vulnerability Assessments, The OWOW Ethnographic Strengths and Needs Assessment (2019), and the Soboba Vulnerability Assessment (2018)

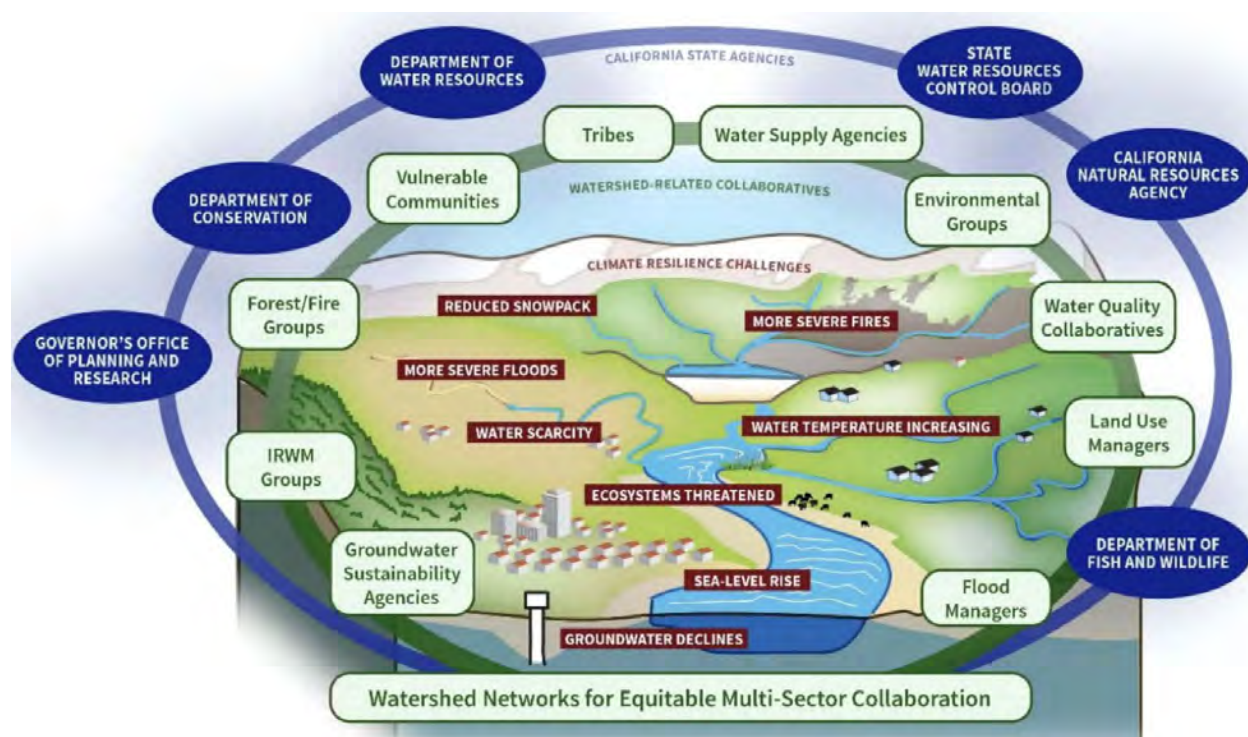


forests, rain gardens, bioswales, pervious pavement, groundwater recharge, and retention/detention ponds, offer multiple resilience benefits for communities and ecosystems to maximize prevention against the pressing climate risks.

The project aims to build on action-oriented regional partnerships that water agencies have adopted in recent years to increase stormwater capture, maximize conjunctive use, enhance groundwater recharge, and develop recycled water as a water resource.

The planning approach incorporates the process prescribed by the California Adaptation Planning Guide with DWR's "watershed resilience" approach (Figure 5), which incorporates the upstream/downstream benefits of individual and regional projects across an interconnected watershed.

FIGURE 5, THE DWR WATERSHED RESILIENCE APPROACH



The project methods are as follows:

1. Building from existing literature, characterize the primary climate hazards of concern using the climate projections associated with CA's 4th (or 5th) Climate Change Assessment.
2. Building from existing literature, assess climate impacts to communities and the environment using spatial data to understand where vulnerabilities are greatest based on upstream-downstream relationships, and socio-economic conditions.
3. Consolidate an expanded network of stakeholders, including CBOs, and ground truth vulnerabilities, develop a watershed resilience vision, and assess adaptation benefits through stakeholder and community engagement involving underrepresented groups.

4. Catalog different types of innovative and nature-based adaptation strategies by benefits, constraints, responsible stakeholders, locations within the watershed, and beneficiaries.
5. To prioritize adaptation strategies, develop and apply multi-benefit criteria, including equity, ecosystem value, and community value through stakeholder and community engagement.
6. Organize strategies into portfolios and develop programmatic funding strategies and grant application materials, as well as a coordination process and roadmap for near-term actions.

Our primary goal is to develop a targeted set of adaptation solutions that a coalition of public, private, Tribal, and community-based organizations are equipped to implement. We have designed the methodology to prioritize benefits towards the most vulnerable communities. In addition to climate resiliency, the project will offer the additional benefit of deepened relationships between a broad network of stakeholders across multiple sectors.



Regional Partnership (1,000 words)

Provide the following numbered information in bold text and consider the guiding questions in the response. The questions are optional and meant to guide responses to show what the RRG application review panel will consider when evaluating applications.

1. The regional partnership structure (i.e., who are the applicants and co-applicants)

Optional guiding questions:

- 1.1. What is the project's regional partnership structure?
- 1.2. Does the regional partnership include two or more eligible entities whose combined jurisdiction enhances their effectiveness in responding to the highest priority climate risks of that region? Please explain.
- 1.3. Do the regional partners reflect the community and include a diversity of eligible entities? Please explain.
- 1.4. Do the regional partners bring unique strengths and approaches and have a proven track record serving communities? Please explain.
- 1.5. Will the regional partnership facilitate capacity building opportunities for co-applicants from disadvantaged communities? Please explain.

2. Partner responsibilities and long-term goals.

Optional guiding questions:

- 2.1. How will the regional partners organize themselves, manage the project, and build their network's capacity?
- 2.2. What are the regional partnership's long-term goals?
 - 2.2.a. Are the regional partners committed to equity, self-governance, and sustaining the partnership beyond the grant term? Please explain.
 - 2.2.b. Will the regional partners evaluate and measure their progress toward achieving program objectives? If so, how do the regional partners intend to use the findings?



The project's regional partnership has been structured to achieve our vision of a better-connected network of stakeholders that is equipped with the understanding and ability to develop and implement multi-benefit climate adaptation strategies across the watershed. Additional details on the unique experiences that the applicants bring to the project are provided in the Organizational Capacity Section. A MOU template for the co-applicants is included in Appendix B. To summarize:

- SAWPA (lead applicant) brings a proven track record of working with public agencies in the region; developing, tracking and implementing large-scale grant programs; and supporting integrated water resources management in the SARW.
- ISC3 (co-applicant) brings a proven track record of connecting and building the capacity of local government, utilities, and CBOs across the region.
- Soboba (co-applicant) brings a proven track record supporting integrated water resources management planning and engaging with tribal communities.

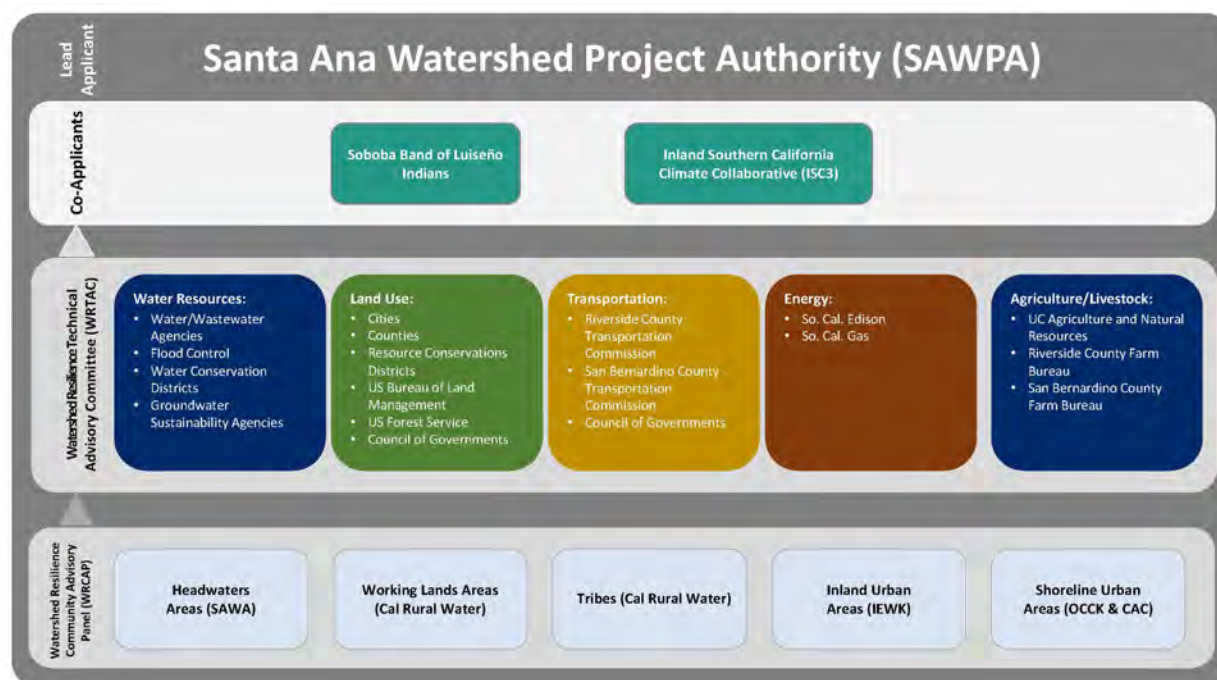
Five CBOs will support the applicants by coordinating and conducting engagement across the watershed. These CBOs bring unique engagement experiences in their watershed typologies (Figure 6).

These partners will incorporate a range of stakeholder and community perspectives and build networks for collaborative implementation strategies. The planning process will be guided by two groups: the Watershed Resilience Technical Advisory Committee (WRTAC) and the Watershed Resilience Community Advisory Panel (WRCAP) (Figure 6). This structure is designed to ensure that stakeholders are involved across all phases of the plan development. During the vulnerability assessment phase, the WRTAC will work to incorporate stakeholder input on existing studies and an analysis of the climate risks (i.e., extreme heat, extreme weather, drought, and wildfire). During the adaptation analysis phase, the WRTAC will work to incorporate stakeholder input on identifying existing or potential options, programmatic approaches, and prioritization criteria. The WRCAP will play a similar role through direct community engagement. Both groups will support implementation planning by ensuring that the right combination of stakeholders and partners are incorporated into resilience portfolios.

The WRTAC will be facilitated by SAWPA with support from ISC3 and serve as connective tissue across stakeholders in the water resources, local government, land management, energy, and agriculture contexts. It will ensure a diversity of perspectives and interests inform the vulnerability analysis, adaptation assessment, and implementation planning phases. The WRCAP will be facilitated by ISC3 with support from Soboba. It will serve as a forum to inform the planning process with community perspectives from across the watershed. To be both inclusive and bring in the range of expertise needed to address the priority climate risks, our CBOs will seek out additional community groups to inform the planning process, based on their experience in specific communities.



Figure 6, Project Partnership Structure



SAWPA will have overall responsibility for managing the project. SAWPA will serve as the overall point of contact and be responsible for managing the technical analysis work, project administration, reporting, and compliance with the grant requirements. As co-applicants, ISC3 and Soboba will be responsible for supporting key tasks, reviewing deliverables, and providing the project with high-level guidance. The larger network of regional partners, including CBOs and public agencies, will connect to the project through the WRTAC and WRCAP. SAWPA will manage the WRTAC, while ISC3 will manage the WRCAP.

This structure is intended to provide two-way communications between the applicants and the network of regional partners. The applicants and CBOs bring extensive experience working with DACs. DACs will be provided with opportunities to further develop their capacity through:

- A better understanding and supporting documentation of the interconnected vulnerabilities both locally and across the region.
- Exposure, experience, and access to the tools collectively developed under the engagement process.
- A better understanding and supporting documentation of the interconnected adaptation opportunities and the associated co-benefits to support collaborative implementation projects.
- Exposure, experience, and access to the resilience portfolios and associated stakeholder networks developed through the project with the potential to work collaboratively across these networks moving forward.

A key goal of the project is to facilitate the equitable and large-scale implementation of innovative and nature-based adaptation strategies across the watershed that address pressing climate risks (i.e., drought, extreme heat, extreme weather, wildfire, and SLR). To realize this goal, the applicants are committed to an equity-informed planning process that provides regional partners with improved capacity to connect and act in a collaborative way. This decentralized approach will result in the implementation of bottom-up projects that are connected through the multi-benefit analysis and resilience portfolio-based networks that are collaboratively developed through the planning process.

As a part of the implementation planning process, metrics will be developed to guide implementation. The metrics will be informed by the criteria used during the prioritization process. The criteria will include equity and partnership metrics so that the distribution of benefits can be monitored and guide future actions. Project partners anticipate continuing to serve in their existing regional facilitation roles with the expanded network developed through this project. SAWPA will host the digital platform beyond the life of the project to continue to monitor progress, facilitate joint resilience investments through the resilience portfolios, and guide progress towards the developed plan objectives.



Organizational Capacity (500 words)

Provide the following numbered information in bold text and consider the guiding questions in the response. The questions are optional and meant to guide responses to show what the RRG application review panel will consider when evaluating applications.

3. Administrative Experience

Optional guiding questions:

- 1.1. Can at least one co-applicant in the partnership structure manage grants and this proposal, including internal processes for financial tracking and accountability, and coordinate amongst diverse partners? Please explain.
- 1.2. If the lead applicant plans to provide advanced payment to co-applicants, does the lead applicant have the ability to do so? Please explain.
- 1.3. Does at least one of the co-applicants have the expertise and experience to act as a fiscal agent in gathering and reporting information on implementing the proposal? Please explain.
- 1.4. Do the regional partners show commitment, readiness, and capacity to implement the proposed work on time and within budget? Please explain.

2. Programmatic Experience

Optional guiding question:

- 2.1. Do the applicants possess the programmatic expertise needed for this project? Please explain.

3. Plans to Meet Capacity Gaps

Optional guiding questions:

- 3.1. How do the regional partners plan to close capacity gaps, including those related to the administrative and programmatic expertise, to complete the project?
- 3.2. Do the work plan and budget show how the applicants will maintain or create sustainable staffing levels to support capacity building?



Our approach to build climate resiliency in the watershed starts with collaboration. The applicants, together with CBOs, public agencies, and stakeholders will contribute their expertise to develop the SARWCARP. SAWPA employs a proven management structure to implement regional grant programs (Table 1).

| Grant | Entity | Year | Projects | Amount |
|--------------------------------------|--------|-----------|----------|----------------------|
| Prop 13 | SWRCB | 2000 | 22 | \$235,000,000 |
| Prop 50 | | 2007 | 7 | \$24,020,000 |
| Prop 84 Planning | DWR | 2011-2016 | 1 | \$1,000,000 |
| Round 1 | | | 13 | \$12,660,004 |
| Round 2 | | | 18 | \$15,625,310 |
| Drought | | | 3 | \$12,860,110 |
| 2015 Implementation | | | 4 | \$64,267,686 |
| WECAN | | 2016 | 1 | \$2,339,823 |
| Prop 1, DCI Grant | | 2017-2023 | 35 | \$6,300,000 |
| Planning | | | 1 | \$250,000 |
| Round 1 | | | 9 | \$23,091,428 |
| Round 2 | | | 13 | \$29,058,571 |
| Urban & Multi-benefit Drought Relief | | 2022 | 5 | \$5,000,000 |
| LIDAR | BOR | 2014 | 1 | \$38,448 |
| Total | | | | \$431,511,380 |

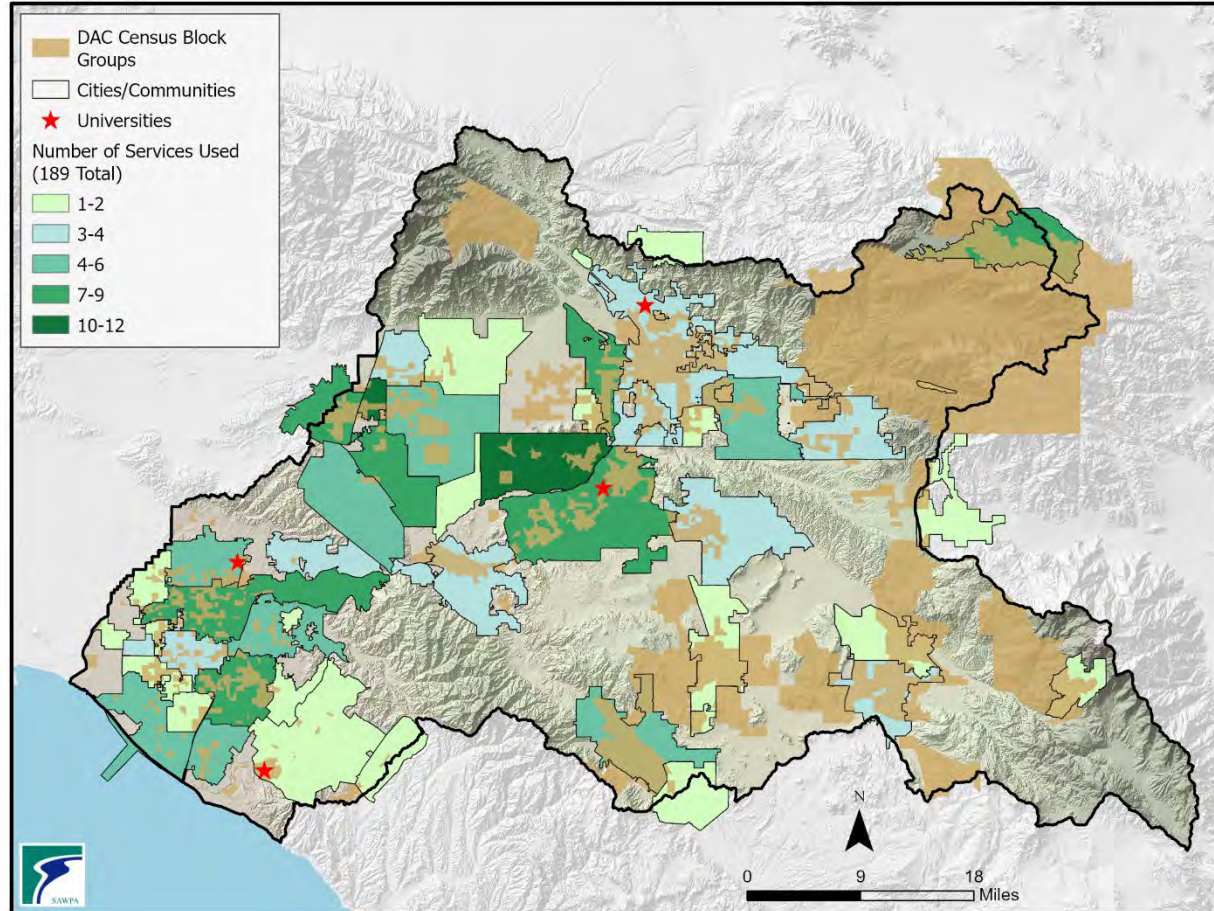
With SAWPA's experience as regional program manager and primary grantee (Appendix A), the project team is prepared to facilitate engagement, analyze content, connect key themes, develop adaptation strategies and projects, prepare grant reports, organize project deliverables, track grant budgets, and process invoices and grant disbursements. To assist in the timely payment to co-applicants and CBOs, SAWPA can facilitate payments:

SAWPA Policy 2018-001 establishes authority to pay consultants and contractors for work performed on grant-funded projects, including retention, up to \$50,000.

SAWPA Resolution 452 allows reimbursement for grant contract projects for short-term operating cash flow purposes using SAWPA General Fund Reserves.

An example that demonstrates programmatic expertise, as well as readiness and capacity to engage with regional partners, is SAWPA's Disadvantaged Communities Involvement (DCI) Program. The program culminated in an ethnographic survey of the strengths and needs of overburdened communities in the watershed. The DCI Program was developed in collaboration with Dr. Valerie Olsen, who will serve as an expert advisor to the WRTAC on visioning and goal setting. Information from the program was used to identify and implement water management projects that supported the needs of DACs throughout the watershed (Figure 7).



FIGURE 7, SAWPA'S DCI PROGRAM BENEFITS MAP

Our strategy for closing capacity gaps includes an engagement plan that focuses on collaboration with new and existing partners, capitalizes on existing SAWPA member agencies and community engagement opportunities, and advances a localized approach to engaging with community members in their environments. Applicants and CBOs will conduct stakeholder mapping to identify project participants. Funds will be used to support outreach efforts to solicit input from communities to define climate vulnerabilities, develop adaptive strategies, and compile projects that will help bolster climate resiliency.

The project will close capacity gaps by strengthening partnerships with access to tools and knowledge of local perspectives, and by providing CBOs working in DACs with content and programmatic funding opportunities to implement beneficial projects. This engagement will be accomplished through project activities, such as engagement, working groups, and multi-stakeholder roundtables. The findings will be documented through project deliverables, such as the engagement tools and the implementation plan, which will include content that stakeholders, tribes, and CBOs can use to develop funding applications.

Budget (500 words)

Provide the following numbered information in bold text and consider the guiding questions in the response. The questions are optional and meant to guide responses to show what the RRGP application review panel will consider when evaluating applications.

1. A high-level budget justification that summarizes the overall project costs

Optional guiding questions:

- 1.1. Does it reflect organizational strengths and experiences and feasible financial projections within the 12- to 30-month grant period? Please explain.
- 1.2. Does the budget have reasonable tasks and deliverables, feasible financial projections, and consider the grant term's timelines? Please explain.
- 1.3. If applicable, does the budget include funding from sources other than the RRGP? Please explain.
- 1.4. How will the project allocate resources across co-applicants and partners to lead or support specific activities, reasonable tasks, and deliverables?
- 1.5. Does the budget consider the number of funded partners, number and complexity of activities, consultant services and other contracting needs, community engagement and participation costs? Please explain.
- 1.6. Does the budget show an understanding of proposed activities? Please explain.
- 1.7. Does the budget allocate resources across entities within the collaborative based on their strengths and experience to lead or support specific activities? Please explain.
- 1.8. What funds, besides the RRGP's funding, will support the project overall?

2. How the requested budget aligns with the project goals and work plan.

Optional guiding questions:

- 2.1. Does the budget align with the project goals and activities outlined within the application and work plan? Please explain.
- 2.2. Do the project costs align with the RRGP (e.g., the total budget allocates 3-15% towards Evaluation Activities, up to 5% towards Peer-to-Peer Learning, and only includes eligible costs)? Please explain.



The total requested budget is \$644,190 (shown in the Workbook). Project costs align with the project goals by providing funds for the technical work required to develop the SARWCARP, but strongly emphasizing community engagement (41% of RRGF budget plus an additional \$32,375 (175 hours) of SAWPA in-kind support). The budget also supports the development of a community-driven implementation plan. The budget emphasizes engagement with disadvantaged and underrepresented communities by meeting people in their communities by including over \$100,000 in funding and materials for locally based CBOs. The budget associated with the engagement and implementation planning tasks also includes capacity-building components.

The budget has clear deliverables and responsibilities outlined in the attached Work Plan. The distribution of funds reflects the organizational strengths and roles of applicants and partners:

- SAWPA is focused on project management and working group facilitation. SAWPA is contributing an additional 450 hours (\$83,250) of (in-kind) staff time to support project management, engagement, and capacity building activities for CBO partners (Tasks 1 and 2), as well as technical support under Tasks 3-6.
- Soboba's budget is focused on high-level project guidance, support to the working groups and tribal engagement (Tasks 1 and 2). This project also provides Soboba with capacity building and engagement to supplement Soboba's vulnerability assessment and climate adaptation analysis.
- ISC3's budget is focused on support for the working groups and the engagement plan with additional budget to review deliverables to ensure stakeholder and community perspectives are represented (Tasks 1 and 2). ISC3 efforts will also allow for capacity building in the region.
- The consultant budget is focused on supporting the engagement process, vulnerability assessment, adaptation analysis, and implementation plan. The consultant will assist engagement efforts and incorporating community perspectives and key findings into the deliverables (Tasks 3, 4, and 5). The consultant budget was developed based on an analysis of recent CARP costs.
- The engagement and materials budget will support CBO partners with experience working in specific areas of the watershed and represents about 15% of the total budget. The funding will be distributed to between six to eight CBOs, depending on need, which will provide approximately \$12,000-16,000 per partner for direct community engagement.
- The budget is associated with specific deliverables for each task, including a digital ArcGIS-based StoryMap, an engagement summary document, a vulnerability technical memo and plan document. Interim deliverables are included to ensure the process is documented and stays on track (i.e., matrices and meeting materials).

The applicants have allocated about 3.4% of the budget (\$21,830) to evaluation activities, including progress tracking, regular reports to OPR and other grantees, as appropriate, and a mechanism to track future strategy implementation.



The applicants have also allocation about 2.4% of the budget (\$15,660) for peer-to-peer learning, including four virtual sessions with entities performing similar work in other watersheds around California to share ideas, infuse the project with lessons learned, and provide peers with lessons learned from the project at its conclusion.

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1 SAWPA Wins Two Capella Awards at 2024 Polaris Awards

SAWPA Wins Two Capella Awards at 2024 Polaris Awards

SAWPA staff attended the 2024 Polaris Awards, hosted by the Public Relations Society of America, Inland Empire Chapter, on November 8, 2024. At the event, SAWPA received a Capella Award in the Environmental Sustainability Campaigns – Public Relations category for the Santa Ana River Watershed Cloud Seeding Pilot Program. Additionally, SAWPA staff accepted a Capella Award on behalf of the Lake Elsinore and San Jacinto Watersheds Authority (LESJWA) for the Canyon Lake Crisis Response Campaign in the Crisis Communications category.



2 SAWPA Presents Santa Ana River Trail Program at OCWD Board Meeting

SAWPA Presents Santa Ana River Trail Program at OCWD Board Meeting

SAWPA staff attended Orange County Water District’s Board of Directors meeting on November 6, 2024, and presented on the Santa Ana River Trail and Parkway Program within the Santa Ana River Watershed.

3 SAWPA Presents Santa Ana River Trail Program at OCWD Board Meeting

4 20-Year Service Recognition: Marie Jauregui

SAWPA Participates in WaterReuse Inland Empire Chapter Meeting and Officer Elections

SAWPA staff attended the WaterReuse Inland Empire Chapter meeting on November 11, 2024, hosted by the Elsinore Valley Municipal Water District. During the meeting, officer elections were held. Madeline Blua (Blua Consulting) was elected President-Elect, and Wendy Heie (Rancho California Water District) was elected Director of Membership Outreach.

5 SAWPA Office Holiday Closure

20-Year Service Recognition: Marie Jauregui

Marie Jauregui, Project Manager, celebrates 20 years at SAWPA. Her dedication and contributions over the years have been greatly appreciated. We thank Marie for her continued service.

SAWPA Office Holiday Closure

SAWPA will be closed for the holidays from Tuesday, December 24, 2024, through Wednesday, January 1, 2025. Regular operations will resume on Thursday, January 2, 2025.

While the office will be closed, some staff will be available and working remotely during this time to assist as needed. Additionally, the Inland Empire Brine Line emergency telephone line will remain available 24/7 throughout the closure at (951) 324-8680.

