



S A W P A

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

PURSUANT TO THE PROVISIONS OF EXECUTIVE ORDER N-29-20 AND N-08-21, THIS MEETING WILL BE CONDUCTED VIRTUALLY. ALL VOTES TAKEN WILL BE CONDUCTED BY ORAL ROLL CALL.

This meeting will be accessible as follows:

Meeting Access Via Computer (Zoom)*:	Meeting Access Via Telephone*:
<ul style="list-style-type: none"> • https://sawpa.zoom.us/j/88074908592 • Meeting ID: 880 7490 8592 	<ul style="list-style-type: none"> • 1 (669) 900-6833 • Meeting ID: 880 7490 8592
* Participation in the meeting via the Zoom app (a free download) is strongly encouraged	

REGULAR COMMISSION MEETING TUESDAY, SEPTEMBER 21, 2021 – 9:30 A.M.

AGENDA

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

4. ITEMS TO BE ADDED OR DELETED

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: SEPTEMBER 7, 20217
Recommendation: Approve as posted.

B. ACCENT IT SERVICES – 15 MONTH PERIOD (CM#2021.64)11
Recommendation: Authorize the General Manager to execute the Task Order No. ACS100-23 with Accent Computer Solutions for a 15 Month Period starting October 1, 2021 and ending December 31, 2022 in an amount not to exceed \$107,375.

6. NEW BUSINESS

A. SAWPA BUILDING – LANDSCAPING IMPROVEMENTS (CM#2021.65)19
Presenter: Carlos Quintero
Recommendation: Direct the General Manager to prepare bid documents for the SAWPA Building Landscaping Improvements.

- B. [SAWPA BUILDING – LOBBY SECURITY IMPROVEMENTS \(CM#2021.66\)](#).....29
Presenter: Carlos Quintero
Recommendation: Direct the General Manager to prepare bid documents for the SAWPA Building Lobby Security Improvements.

- C. [REGIONAL WATER QUALITY MONITORING TASK FORCE – SANTA ANA REGIONAL MONITORING PROGRAM DATA VIEWER \(CM#2021.67\)](#).....91
This item is subject to the provisions of Project Agreement 26
Presenter: Rick Whetsel
Recommendation: Receive and file.

- D. [SANTA ANA RIVER WATERSHED WEATHER MODIFICATION PILOT PROGRAM STATUS REPORT \(CM#2021.68\)](#)..... 103
This item is subject to the provisions of Project Agreement 25
Presenter: Mark Norton
Recommendation: Receive and file.

- E. [HEADWATERS RESILIENCY PARTNERSHIP OVERVIEW \(CM#2021.69\)](#).....129
Presenter: Ian Achimore
Recommendation: Receive and file.

7. INFORMATIONAL REPORTS

Recommendation: Receive for information.

- A. [CASH TRANSACTIONS REPORT – JULY 2021](#)153
Presenter: Karen Williams

- B. [INTER-FUND BORROWING – JULY 2021 \(CM#2021.70\)](#)159
Presenter: Karen Williams

- C. [PERFORMANCE INDICATORS/FINANCIAL REPORTING – JULY 2021 \(CM#2021.71\)](#)165
Presenter: Karen Williams

- D. [PROJECT AGREEMENT 25 – OWOW FUND – FINANCIAL REPORT, JUNE 2021](#)187
Presenter: Karen Williams

- E. [PROJECT AGREEMENT 26 – ROUNDTABLE FUND – FINANCIAL REPORT, JUNE 2021](#) 191
Presenter: Karen Williams

- F. [BUDGET VS ACTUAL VARIANCE REPORT – FYE 2021 FOURTH QUARTER – JUNE 30, 2021 \(CM#2021.72\)](#).....195
Presenter: Karen Williams

- G. [FINANCIAL REPORT FOR THE FOURTH QUARTER ENDING JUNE 30, 2021](#)203
Presenter: Karen Williams

- H. [FOURTH QUARTER FYE 2021 EXPENSE REPORT](#).....213
 - General Manager
 - Staff**Presenter:** Karen Williams

- I. [GENERAL MANAGER REPORT](#).....217
Presenter: Jeff Mosher

- J. **STATE LEGISLATIVE REPORT**223
Presenter: Jeff Mosher
- K. **CHAIR’S COMMENTS/REPORT**
- L. **COMMISSIONERS’ COMMENTS**
- M. **COMMISSIONERS’ REQUEST FOR FUTURE AGENDA ITEMS**

8. CLOSED SESSION

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

9. ADJOURNMENT

PLEASE NOTE:

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

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

Declaration of Posting

I, Sara Villa, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on September 16, 2021, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.org and posted at SAWPA’s office at 11615 Sterling Avenue, Riverside, California.

2021 SAWPA Commission Meetings/Events

First and Third Tuesday of the Month

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

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

2022 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 1/4/22 Commission Workshop 1/18/22 Regular Commission Meeting	February 2/1/22 Commission Workshop 2/15/22 Regular Commission Meeting
March 3/1/22 Commission Workshop 3/15/22 Regular Commission Meeting	April 4/5/22 Commission Workshop 4/19/22 Regular Commission Meeting
May 5/3/22 Commission Workshop 5/17/22 Regular Commission Meeting 5/3 – 5/6/22 ACWA Spring Conference, Sacramento, CA	June 6/7/22 Commission Workshop 6/21/22 Regular Commission Meeting
July 7/5/22 Commission Workshop 7/19/22 Regular Commission Meeting	August 8/2/22 Commission Workshop 8/16/22 Regular Commission Meeting
September 9/6/22 Commission Workshop 9/20/22 Regular Commission Meeting	October 10/4/22 Commission Workshop 10/18/22 Regular Commission Meeting
November 11/1/22 Commission Workshop 11/15/22 Regular Commission Meeting	December 12/6/22 Commission Workshop 12/20/22 Regular Commission Meeting 11/29 – 12/2/22 ACWA Fall Conference, Indian Wells, CA

SAWPA COMPENSABLE MEETINGS

IMPORTANT NOTE: Due to the spread of COVID-19, and until further notice, the Santa Ana Watershed Project Authority will be holding all upcoming meetings by teleconferencing. Participation information will be included on each posted agenda or meeting notice.

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

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

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

MONTH OF: September 2021

DATE	TIME	MEETING DESCRIPTION	LOCATION
9/7/21	10:00 AM	PA 24 Committee Mtg	VIRTUAL/TELEPHONICALLY
9/14/21	8:30 AM	PA 22 Committee Mtg	VIRTUAL/TELEPHONICALLY
9/21/21	1:30 P.M.	MSAR TMDL Task Force Mtg	VIRTUAL/TELEPHONICALLY
9/22/21	9:00 A.M.	Santa Ana Sucker Conservation Team	VIRTUAL/TELEPHONICALLY
9/23/21	11:00 AM	OWOW Steering Committee Mtg	VIRTUAL/TELEPHONICALLY
9/23/21	1:30 P.M.	Basin Monitoring Program Task Force Mtg	VIRTUAL/TELEPHONICALLY
9/28/21	9:00 A.M	Lake Elsinore/Canyon Lake TMDL Task Force Mtg	VIRTUAL/TELEPHONICALLY

MONTH OF: October 2021

DATE	TIME	MEETING DESCRIPTION	LOCATION
10/5/21	8:30 A.M.	PA 23 Committee Mtg	VIRTUAL/TELEPHONICALLY
10/5/21	10:00 A.M.	PA 24 Committee Mtg	VIRTUAL/TELEPHONICALLY
10/12/21	8:30 A.M.	PA 22 Committee Mtg	CANCELLED
10/21/21	4:00 P.M.	LESJWA Board of Directors Mtg	VIRTUAL/TELEPHONICALLY
10/25/21	1:00 P.M.	Imported Water Rechargers Committee Mtg	VIRTUAL/TELEPHONICALLY

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
September 7, 2021**

COMMISSIONERS PRESENT

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

COMMISSIONERS ABSENT

None

**ALTERNATE COMMISSIONERS
PRESENT; NON-VOTING**

T. Milford Harrison, Alternate, San Bernardino Valley Municipal Water District
Kelly E. Rowe, Alternate, Orange County Water District
Brenda Dennstedt, Alternate, Western Municipal Water District

STAFF PRESENT

Jeff Mosher, Karen Williams, Mark Norton, David Ruhl, Carlos Quintero, Marie Jauregui, Rick Whetsel, Dean Unger, Sara Villa, Haley Mullay, Zyanya Ramirez

OTHERS PRESENT

Andrew D. Turner, Lagerlof, LLP; Joe Mouawad, Eastern Municipal Water District; Nick Kanetis, Eastern Municipal Water District; Ken Tam, Inland Empire Utilities Agency; Shivaji Deshmukh, Inland Empire Utilities Agency; Cathy Pieroni, Inland Empire Utilities Agency; Michael Markus, Orange County Water District; Greg Woodside, Orange County Water District; Gil Botello, San Bernardino Valley Municipal Water District; Mallory Gandara, Western Municipal Water District; Tim Barr, Western Municipal Water District; Brian Dickinson, City of Colton; Wayne Miller, Dustin Hardwick, CRWA

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

1. CALL TO ORDER

Pursuant to the provisions of Executive Order N-29-20 and N-08-21, this meeting was conducted virtually, and all votes were taken by oral roll call.

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 added or deleted items.

5. CONSENT CALENDAR

A. APPROVAL OF MEETING MINUTES: AUGUST 17, 2021

Recommendation: Approve as posted.

B. TREASURER'S REPORT – JULY 2021

Recommendation: Approve as posted.

MOVED, approve the Consent Calendar.

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

6. NEW BUSINESS

A. CALIFORNIA RURAL WATER ASSOCIATION AGREEMENT – GRANT APPLICATION ASSISTANCE PROGRAM FOR SMALL COMMUNITY WATER/WASTEWATER SYSTEMS SERVING DISADVANTAGED COMMUNITIES IN THE SANTA ANA RIVER WATERSHED (CM#2021.63)

Mark Norton provided the presentation contained in the agenda packet on pages 21-32 and gave a brief background report on the grant application assistance program for small community water/wastewater systems serving disadvantaged communities in the Santa Ana River Watershed. The assistance program consists of providing technical, managerial, and financial (TMF) support resources needed for the preparation of the Proposition 1 Round 2 Integrated Regional Water Management (IRWM) grant applications. This work would be performed by Disadvantaged Communities Involvement (DCI) program partner to SAWPA, the California Rural Water Association (CRWA). CRWA, a statewide non-profit organization has extensive experience working with small water/wastewater communities in the watershed. Phase 1 of the program, consisting of an initial assessment, will be funded at \$25,000, or by equal shares of \$5,000 per SAWPA member agency. Funding for Phase 2 may total up to \$125,000, with member agency contributions determined proportionately based on the needs of small community systems within the member agency's respective service areas, identified in Phase 1. Mr. Norton referenced the agreement between SAWPA and CRWA contained on page 33 of the agenda packet which includes a scope of work, deliverables, schedule, and cost. Staff recommends approval of the agreement between CRWA and SAWPA to proceed with the grant application assistance program. The agreement has been reviewed and reflects edits from SAWPA's Legal Counsel, CRWA, and SAWPA staff.

Commissioner Hayes asked what the expectations are for the small systems being able to continue having the TMF capacity on a long-term basis after receiving the grant. Dustin Hardwick, of CRWA, noted that a (TMF) capacity assessment will be done to ensure that the systems have proper rate settings and to also help them maintain a long-term sustainability of projects. Jeff Mosher noted that the TMF assessment is to identify any gaps to improve the projects and to enable them to be successful. Commissioner Gardner questioned if there's been any communication with the potential partner agencies. Mark Norton noted that to some degree, yes, as part of the Disadvantaged Community Involvement Grant Program funding was provided to get them ready for this subsequent grant application, knowing that this round was coming. CRWA worked with about 6 out of 15 entities and have an in-depth knowledge of the projects and the proponents. Chair Hall noted that there is a concern on the small systems that aren't going to meet the requirements to be selected; what would the next step be for them? How can they receive guidance to connect to resources at the state level for funding? Commissioner Whitaker is in support though suggests that following with Phase 1 that this item be agendaized to update the Commission, prior to the start of Phase II.

Commissioner Slawson agreed with Commissioner Whitaker on bringing this item back to Commission prior to the start of Phase II.

MOVED, authorized the execution of an agreement between the California Rural Water Association and SAWPA to conduct the implementation of the grant application assistance program for small community water/wastewater systems serving disadvantaged communities in the Santa Ana River Watershed for an amount not-to-exceed \$150,000; with Phase I work estimated cost of \$25,000, and agendaize and update the Commission prior to the start of Phase II of up-to \$125,000 depending on number of project grant applications prepared.

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

7. INFORMATIONAL REPORTS

Recommendation: Receive for Information.

A. AUDIT COMMUNICATION LETTER FOR FYE JUNE 30, 2021 – TEAMAN, RAMIREZ & SMITH, INC.

B. CHAIR'S COMMENTS/REPORT

There were no comments/reports from the Chair.

C. COMMISSIONERS' COMMENTS

There were no Commissioner comments.

D. COMMISSIONERS' REQUEST FOR FUTURE AGENDA ITEMS

Commissioner Hayes requested a closed session on updates on any current legal litigation that SAWPA is involved in.

8. CLOSED SESSION

There was no closed session.

9. ADJOURNMENT

There being no further business for review, Chair Hall adjourned the meeting at 10:03 a.m.

Approved at a Regular Meeting of the Santa Ana Watershed Project Authority Commission on Tuesday, September 21, 2021.

Jasmin A. Hall, Chair

Attest:

Sara Villa, Clerk of the Board

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COMMISSION MEMORANDUM NO. 2021.64

DATE: September 21, 2021
TO: SAWPA Commission
SUBJECT: Accent IT Services - 15 Month Period
PREPARED BY: Dean Unger, Information Systems and Technology Manager

RECOMMENDATION

It is recommended that the Commission authorize the General Manager to execute the Task Order No. ACS100-23 with Accent Computer Solutions for a 15 Month Period starting October 1, 2021 and ending December 31, 2022 in an amount not to exceed \$107,375.

DISCUSSION

Currently Accent provides IT Services, including licensing and Security, and the continuation of these services will allow Information Services and Technology department to continue its support of SAWPA Staff as it onboards a new systems analyst. The 15 month Task Order is so that IT can onboard the new IT analyst, identify potential areas of support that SAWPA staff can take over and then prepare a new RFP for a September 2022 release. The September 2022 date will allow the selection process to proceed over the month of October and then provide overlap of Vendors if needed during the months of November and December 2022.

The 15 Month estimated costs are listed below by task.

Description	Year 1
IT Support	\$39,000
Office365	\$11,225
Backups	\$2,400
Offsite Storage 5.6 Terabytes @ .25GBx15	\$21,000
Server Protect Licensing	\$3,750
Advanced Management Security	\$13,000
Application Vendor Support*	\$7,000
Special Projects*	\$10,000
15 month Total	\$107,375

* = estimated costs – Costs are project based and will be reviewed and approved by SAWPA GM and staff.

The Application Vendor Support estimated costs are for applications such as IPACS, OnBase and Great Plains accounting software. Accent will be called upon to assist in application upgrades, server modifications and network security changes. In addition to application vendor support, there is a Special Projects category that includes the upcoming virtual server refresh where Accent will be heavily involved in virtual server creation and virtual server decommissioning.

BACKGROUND

SAWPA's Information Technology department has been supplemented by an IT service provider for over 18 years. This service provides 24-hour monitoring of the SAWPA network, servers, and backups as well as desktop support when needed. In addition, special projects often need IT design services, additional staff and resources. This supplemented service allows SAWPA staff the ability to technically contribute to many of the other projects at SAWPA such as OWOW (landscape aerial measurement data and ESRI tools) and the implementation of Workflow using OnBase software. Accent was selected in 2018 from the RFP process.

This Task Order No. ACS100-23 is being brought to the Commission for approval as the current Task Order expires on September 30, 2021.

CRITICAL SUCCESS FACTORS

The following OWOW critical success factors are addressed by this action:

1. Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
2. Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

Funding for the Task Order for IT services is contained in Fund 100 in both the 2021/2022 budget as well as the 2022/2023 budget.

Attachments:

1. Task Order No. ACS100-23
2. Scope of Work
3. Sole Source Memo



**SANTA ANA WATERSHED PROJECT AUTHORITY
TASK ORDER NO. ACS100-23**

CONSULTANT: Accent Computer Solutions, Inc. **VENDOR NO.:** 1842
 8438 Red Oak Street
 Rancho Cucamonga, CA 91730

COST: **\$107,375.00**

PAYMENT: Upon Receipt of Proper Invoice

REQUESTED BY: Dean Unger, Information Systems & Technology Manager **September 21, 2021**

FINANCE: _____
 Karen Williams, Deputy GM/CFO Date

FINANCING SOURCE: Acct. Coding 100-00-60121-04
 Acct. Description Consulting – Technology

COMMISSION AUTHORIZATION REQUIRED: YES (X) NO ()
 Authorization: September 21, 2021; CM#2021.64

This Task Order is issued upon approval and acceptance by the Santa Ana Watershed Project Authority (SAWPA) and Accent Computer Solutions, Inc. (Consultant) pursuant to the General Services Agreement between SAWPA and Consultant, entered into on July 1, 2021, expiring December 31, 2022.

I. PROJECT NAME OR DESCRIPTION
 IT Services – 15 Month Accent Support

II. SCOPE OF WORK / TASKS TO BE PERFORMED
 Consultant shall provide all labor, materials, and equipment for the IT Services per the attached Scope of Work.

Additional Accounting Codes:
 100-00-60181-02 – Software Licensing
 100-00-60185-00 – Cloud Storage

II. PERFORMANCE TIME FRAME
 Consultant began work October 1, 2021; and shall complete performance of such services by **December 31, 2022.**

III. SAWPA LIAISON
 Dean Unger shall serve as liaison between SAWPA and Consultant.

Accent Scope of Work

15 Month

Protech Remote ALL in + After Hours Agreement:

- Protech ALL IT - \$29,963.00
- SSPL (Backup licensing) - \$376.05
- Hosted Spam Filtering - \$930.00
- Protech ALL IT >25 = \$7,490.88
- Protech ALL IT – ¼ = \$4,369.68
- Office 365 E3 GOV (QTY 28) = \$ 8,400.00
- Office 365 E1 GOV (QTY 8) = \$960.00
- Offsite Storage = \$21,799.54
- M365 Business Premium (QTY 3) = \$900.00
- Vision Plan 2 (QTY 4) = \$900.00
- Quickpass (NEW) (QTY 31) = \$465.00

15 Month Estimate = \$76,554.67

Advanced Management Security Agreement:

- Enhanced Network Security: Tools Management = \$5,985.00
- Advanced Intrusion detection service = \$0.00
- Data Loss: \$0.00
- Vulnerability Scanning = \$0.00
- Advanced Web Filtering = \$0.00
- Office 365 User Authentication Monitoring = \$5,265.00
- Office 365 Advanced Threat Protection = \$1,170.00

15 Month Estimate = \$12,420.00

Total Estimated Cost for 15 Month Period (All Agreements) = \$88,975

Estimated vendor (OnBase, IPACs, Great Plains, etc.) support = \$8400

Potential project costs = \$10,000

Total: \$107,375

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Memorandum

To: Jeff Mosher
From: Dean Unger
Date: September 8, 2021
Re: Sole Source Justification – Accent IT Services - 15 Month period (Attachment to PP02 form)

Currently Accent provides IT Services, including licensing and Security, and the continuation of these services will allow Information Services and Technology department to continue its support of SAWPA Staff as it onboards a new systems analyst. The 15 month Task Order is so that IT can onboard the new IT analyst, identify potential areas of support that SAWPA staff can take over and then prepare a new RFP for a September 2022 release. The September 2022 date will allow the selection process to proceed over the month of October and then provide overlap of Vendors if needed during the months of November and December 2022.

Approval : _____
General Manager

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COMMISSION MEMORANDUM NO. 2021.65

DATE: September 21, 2021
TO: SAWPA Commission
SUBJECT: SAWPA Building – Landscaping Improvements
PREPARED BY: Carlos Quintero, Operations Manager

RECOMMENDATION

Direct the General Manager to prepare bid documents for the SAWPA Building Landscaping Improvements.

DISCUSSION

SAWPA issued a Task Order to BGB Design Group for \$16,800 to evaluate the SAWPA building landscaping and demonstration garden, provide recommendations to improve deteriorated areas and replace the irrigation system, prepare plans and specification (bid) documents, and provide support during project construction.

The current irrigation system has been in place since the building was constructed in the early 1990s. The drip irrigation is no longer working due to damage and some areas are overwatered and others are underwatered. The current system is not optimized for the existing vegetation and trees.

The proposed improvements include replacing the existing irrigation system with a more water efficient system, improve the landscaped area surrounding the SAWPA building, and minor improvements to the demonstration garden. The vegetation around the SAWPA building is past its prime and the demonstration garden requires improvements to adapt to current shade conditions.

The estimated cost is \$130,795 and is broken down as follows:

Concept	Estimated Amount	Percentage
Irrigation System	\$59,095	45.2%
Improvements around the Main Building	\$36,117	27.6%
Demonstration Garden Improvements	\$12,117	9.3%
Other (mobilization, clearing/grubbing, 90-day maintenance, etc.)	\$23,466	17.9%
TOTAL	\$130,795	100%

As of August 31, 2021, the Building Reserve Fund has \$744,096 available.

CRITICAL SUCCESS FACTORS

N/A

RESOURCE IMPACTS

Funds to prepare the bidding documents are included in BGB Design Group's Task Order and are budgeted under Fund 100 – Consulting. Funds for the landscaping improvements are available under the Building Reserve Fund.

Attachments:

1. Power Point Presentation

SAWPA Landscaping Improvements

Carlos Quintero, Operations Manager
SAWPA Commission | September 21, 2021
Item No. 6.B.

Recommendation

- Direct the General Manager to prepare bid documents for the SAWPA Building Landscaping Improvements.

Project Drivers

- Existing irrigation System in place since 1990s
- Existing irrigation system not optimized for existing vegetation/trees
- New system will increase water use efficiency
- Landscaping around the SAWPA building is past its prime and needs replacement
- Demonstration garden requires improvements



Area around main building
(looking west)



Area around main building
(looking northwest)



Demonstration Garden
(looking north)



Demonstration Garden
(looking northeast)

Cost Breakdown

Concept	Estimated Amount	Percentage
Irrigation System	\$59,095	45.2%
Improvements around the Main Building	\$36,117	27.6%
Demonstration Garden Improvements	\$12,117	9.3%
Other (mobilization, clearing/grubbing, 90-day maintenance, etc.)	\$23,466	17.9%
TOTAL	\$130,795	100%

Recommendation

- Direct the General Manager to prepare bid documents for the SAWPA Building Landscaping Improvements.



Questions??

COMMISSION MEMORANDUM NO. 2021.66

DATE: September 21, 2021
TO: SAWPA Commission
SUBJECT: SAWPA Building – Lobby Security Improvements
PREPARED BY: Carlos Quintero, Operations Manager

RECOMMENDATION

Direct the General Manager to prepare bid documents for the SAWPA Building Lobby Security Improvements.

DISCUSSION

SAWPA issued a Task Order to Gillis+Panichapan Architects (“Architect”) for an amount not to exceed \$42,600 to provide an architectural and engineering assessment of the existing SAWPA building and develop conceptual design drawings for the lobby to improve security.

The Architect prepared a preliminary design report (Attachment 1) providing options to add a partition inside the existing lobby in order to maintain the main door open during business hours and providing a controlled-access secondary door within the lobby to access the offices and common areas (i.e. Board Room). The design report also proposes an efficient workspace which can function as both office space and front desk, behind a secured partition.

The conceptual perspectives are presented in Attachment 2. The estimated cost for the lobby improvements is approximately \$260,000 and does not include any potential American with Disabilities Act improvements required by the City of Riverside, as part of the permitting process.

If approved by the SAWPA Commission, a proposal would be requested from the Architect to prepare plans and specifications (bid documents).

As of August 31, 2021, the Building Reserve Fund has \$744,096 available.

CRITICAL SUCCESS FACTORS

N/A

RESOURCE IMPACTS

Funds for the lobby improvements are available under the Building Reserve Fund.

Attachments:

1. PowerPoint Presentation
2. Preliminary Design Report
3. Conceptual Perspectives

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SAWPA Lobby Security Improvements

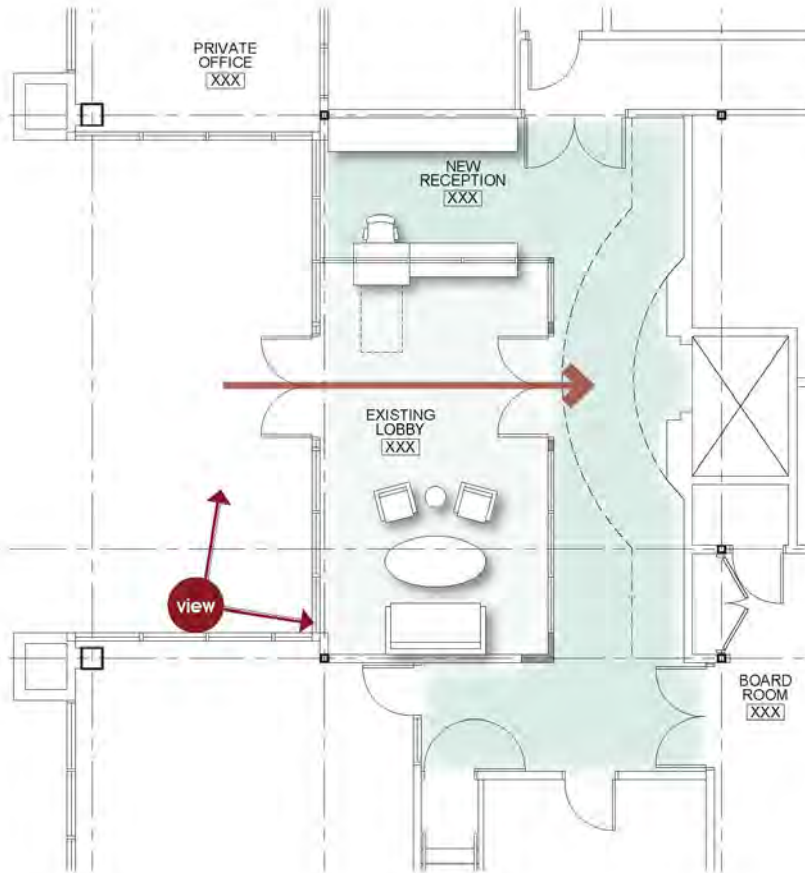
Carlos Quintero, Operations Manager
SAWPA Commission| September 21, 2021
Item No. 6.C.

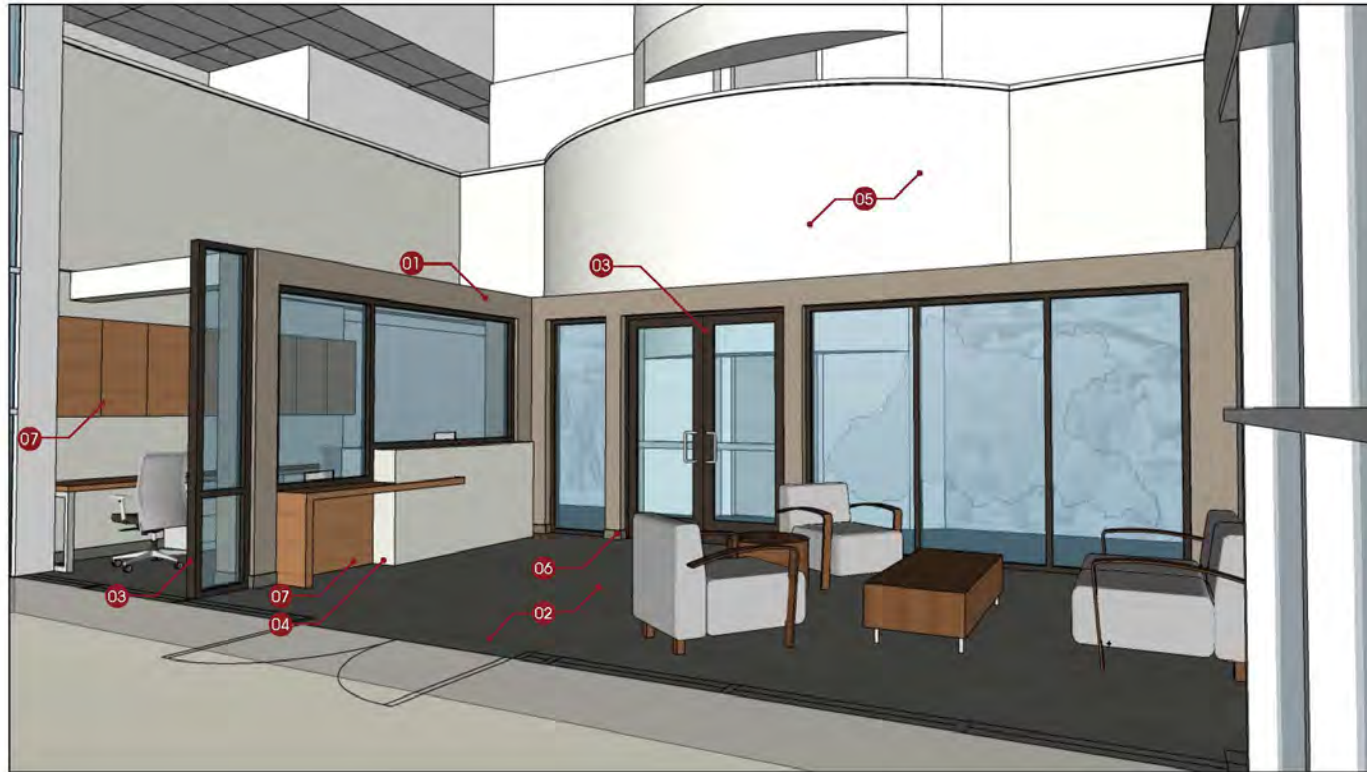
Recommendation

- Direct the General Manager to prepare bid documents for the SAWPA Lobby Security Improvements.

Proposed Partition

- Maintains access to the lobby open to the public.
- Increases security by providing a mechanism to control who access the building through the secondary door.
- Improvements consistent with previous building renovation efforts (Phases 1 and 2)





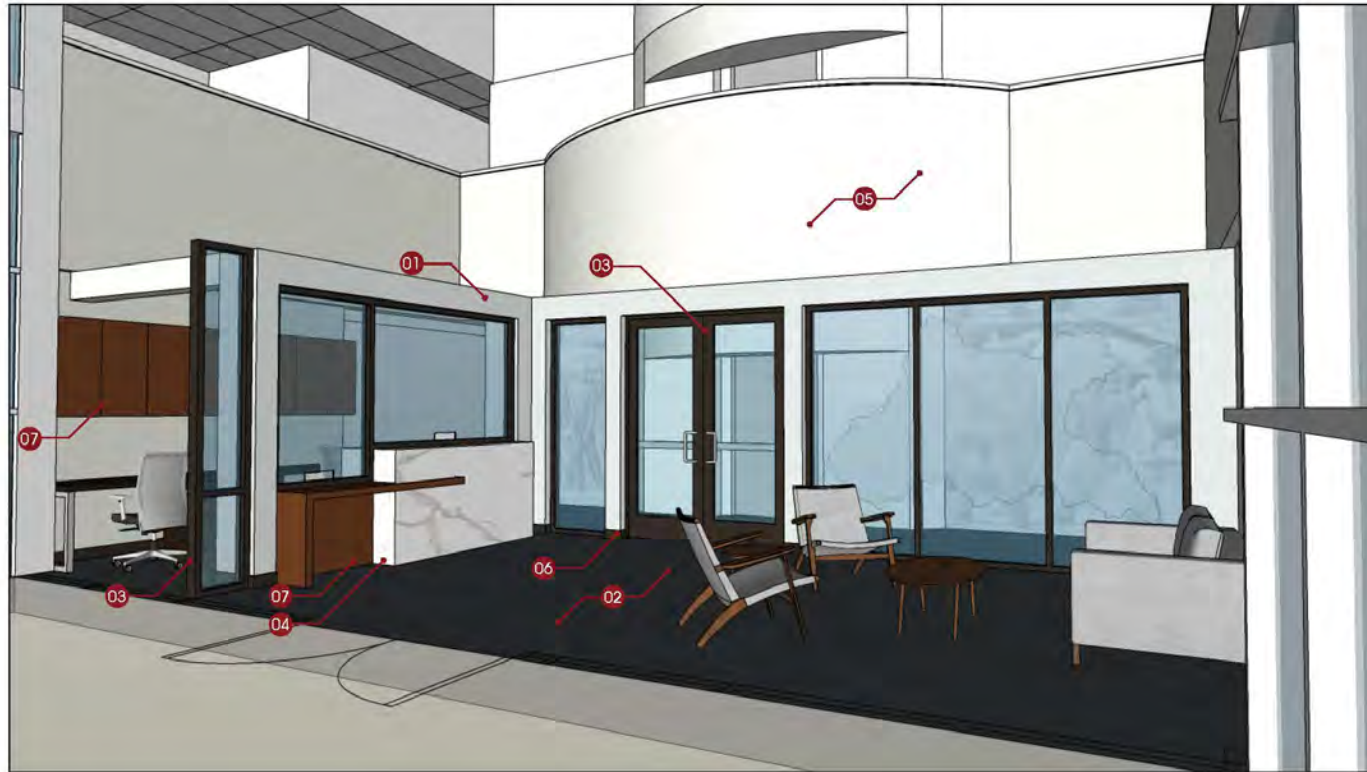
PROPOSED LOBBY - SCHEME 3

SCHEME 3 : CONCEPTUAL PERSPECTIVE- PROPOSED



PROPOSED LOBBY - SCHEME 2

SCHEME 2 : CONCEPTUAL PERSPECTIVE- PROPOSED



PROPOSED LOBBY - SCHEME 1

SCHEME 1 : CONCEPTUAL PERSPECTIVE- PROPOSED

Recommendation

- Direct the General Manager to prepare bidding documents for the SAWPA Building Landscaping Improvements.



Questions??



Prepared by
Gilliss + Panichapan Architects, Inc.

DATE: 05/12/2021

SANTA ANA WATERSHED PROJECT AUTHORITY

SAWPA HEADQUARTERS LOBBY RENOVATION ASSESSMENT REPORT

11615 STERLING AVENUE, RIVERSIDE, AS 92503

DRAFT





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ARCHITECTURAL ASSESSMENT



EXECUTIVE SUMMARY

SAWPA is looking to renovate, update, and maximize the use of their existing lobby space at the headquarters facility at 11615 Sterling Ave, Riverside, CA 92503. The existing lobby is a two-story high space that serves as the main formal entrance to the overall headquarters administrative facility. The entrance side is composed of a two-story curtain wall. The second-floor elevator lobby and hall are open and overlooks the lobby space below on three of four sides.

ARCHITECTURAL ASSESSMENT

HEADQUARTERS LOBBY RENOVATION ASSESSMENT

Goals of enhancing security, improving circulation, and potentially creating a more optimal use of the existing lobby space are part of the proposed improvements. In addition to this is modernizing the overall look and feel of the space. The building has recently gone through interior cosmetic updates that includes new paint, carpet throughout the facility. The restrooms also had cosmetic updates.

The Lobby was not a part of the recent updates, and appears to have been in its original condition since the founding of the building in 1991. A wall mural exists on the first floor of the elevator wall that SAWPA stated that they would like to preserve it in the proposed upgrades.

General Overall Needs for Lobby Space:

- Modernize Finish and Materials for the lobby space
- Enhanced Security
- Wayfinding, Circulation, and accessibility
- Retrofits and impacts in regards to Building Code and ADA
- Infrastructural Retrofits (Structural, Mechanical, Electrical, Plumbing, Etc.)

Initially there was discussion of a potential second floor expansion into the volume space of the lobby, but its potential infrastructural, and cost impact led SAWPA to decline further investigations at this time.

This report offers an Architectural and Engineering assessment of the current conditions of the existing building impacted with the proposed improvements in the lobby:

- Architectural Condition Assessment - An architectural assessment feasibility of proposed change of use: reference to codes and current accessibility.
- Structural Condition and proposed alterations needed.
- Mechanical, Electrical, and Plumbing condition and potential upgrades.

Overall, with key retrofits the facility appears to be amendable to a reconfigured lobby.

The scope of this report is to document observed conditions and, where appropriate, to provide recommendations for addressing concerns.

A separate stage to develop the conceptual design further into construction documents would be initiated based on the parameters and guidelines determined from this report.

OVERVIEW AND SCOPE

On Friday, October 23, 2020 Gillis + Panichapan Architects, Inc. (GPa) and their Engineering Consultants observed the existing conditions at the Santa Ana Watershed Project Authority (SAWPA) Headquarters. The Assessment is based on the site building conditions as they existed at the time of the inspection.

The scope of this report is to document observed conditions and, where appropriate, to provide recommendations for addressing potential issues. Additionally, GPa was asked to address the feasibility to convert the open volume ceiling into additional 2nd floor area with the new area potentially converted as a large conference room. However, SAWPA has declined to further investigate this scheme any further at this time.

The following GPA disciplines were present at the time of inspection:

- Architectural (interior and exterior finishes)
- Structural
- Mechanical and Plumbing
- Electrical systems and components.



SITE CONTEXT PLAN
SCALE: N.T.S

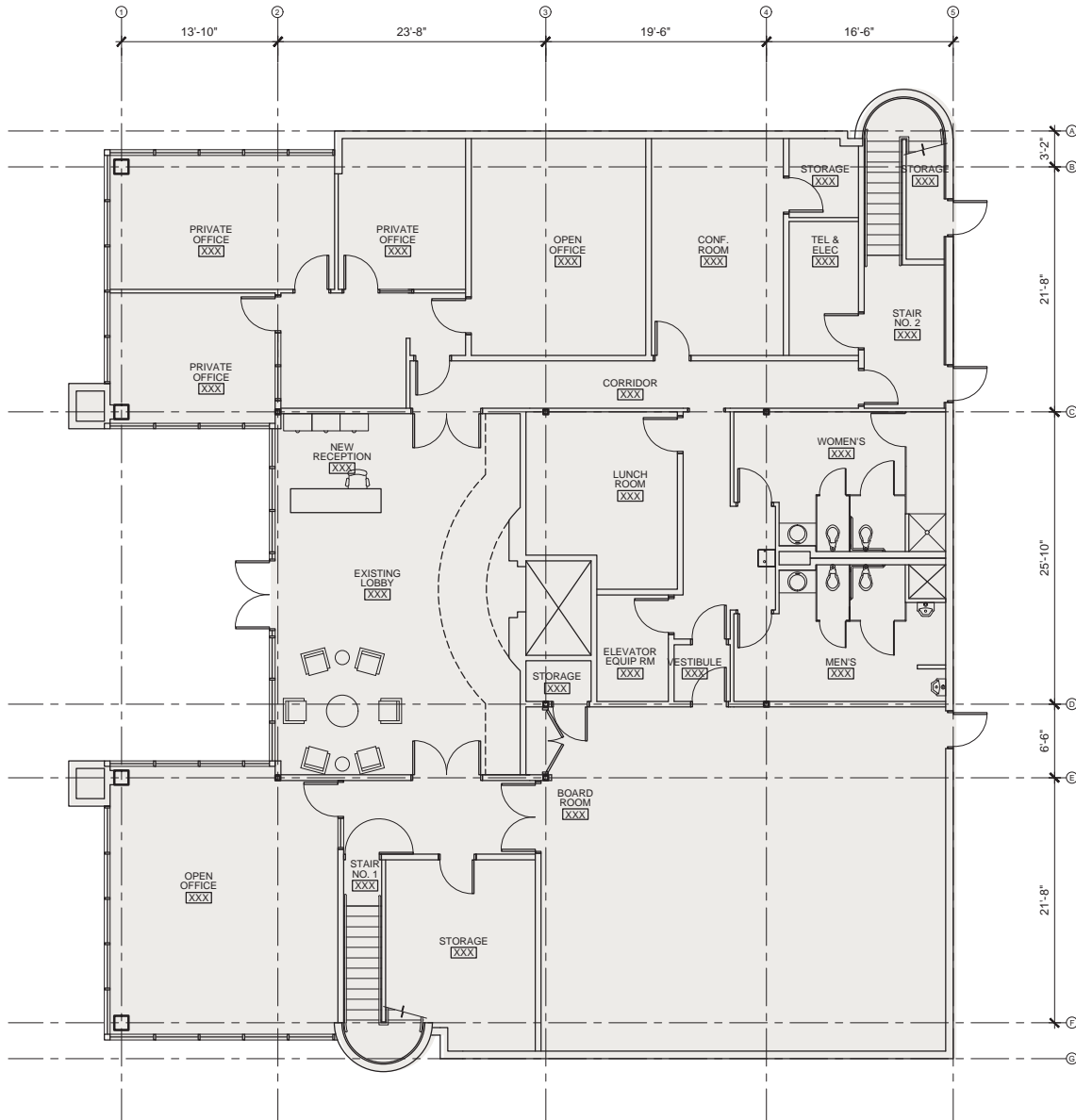




PROJECT INFORMATION

Project Address: SANTA ANA WATERSHED PROJECT AUTHORITY
 HEADQUARTERS FACILITY
 11615 Sterling Avenue, Riverside, CA 92503

Planning: N/A
 Lot Sq. ft: N/A
 Occupancy: B
 Year Built: 1991 (per As-Builts)
 Square Feet: 10,330 sf (Two story)



EXISTING FLOOR PLAN- FIRST FLOOR
 SCALE: N.T.S



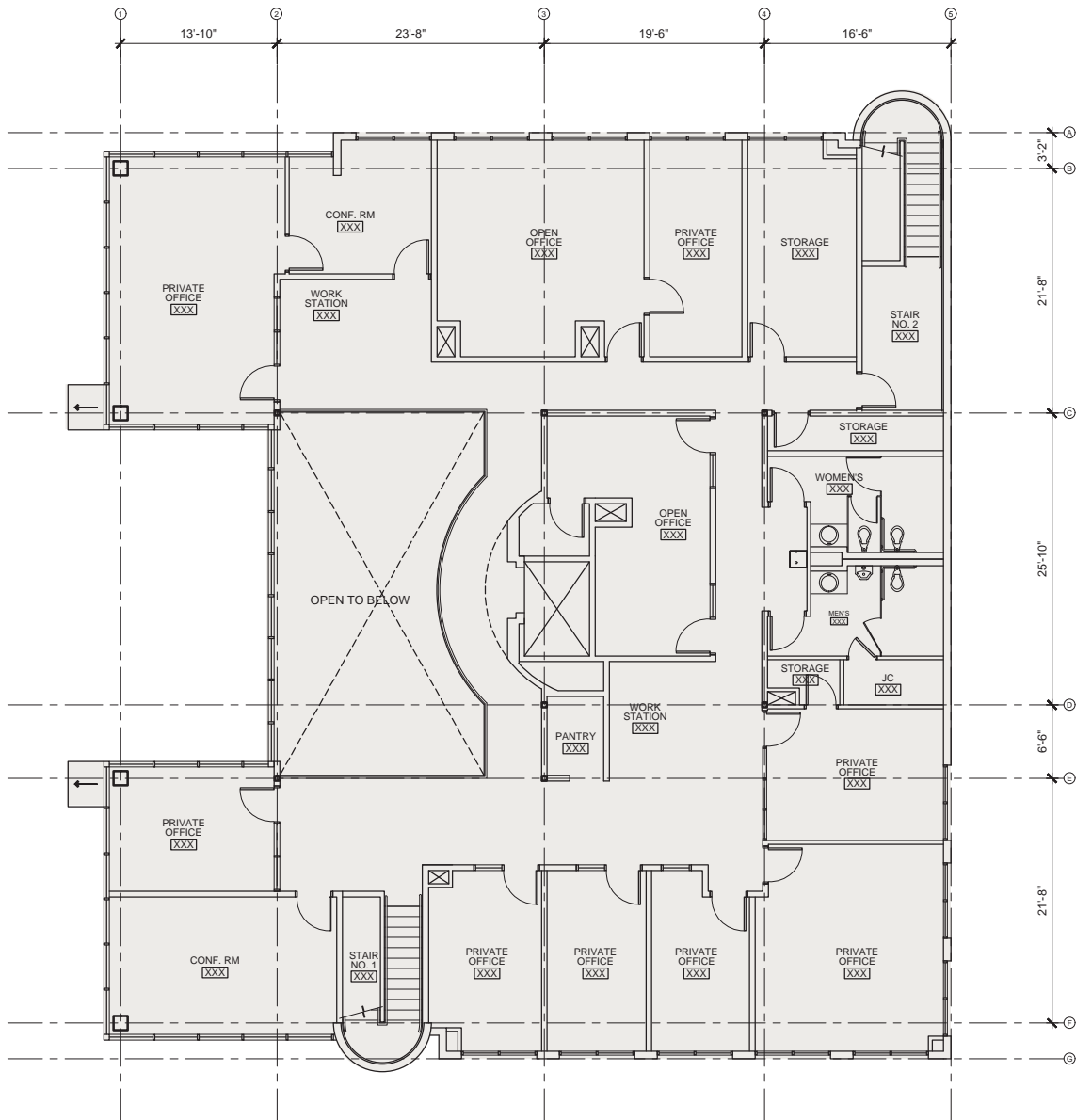


SUMMARY OF EXISTING CONDITION

BUILDING

The original building was constructed in 1991. The building is comprised of two floors. It was built as an office building and has maintained its use and occupancy. The structure is composed of the concrete unit masonry (CMU) walls with a roof structure of steel beams and wood joist. The shell/structure building appears to be in relatively good condition. The original building interiors have had recent cosmetic updates including some cosmetic updates to the restrooms including some plumbing fixture replacements. The lobby seems to be the only main space left out of the recent renovations.

The first floor houses the board room and most of the public interaction. From the main entrance doors, there are no current barriers, cues, or security devices that can discourage visitors from roaming into personnel spaces. However, the current design of the building leaves the existing reception desk completely open and fully exposed to the visitors.



EXISTING FLOOR PLAN- SECOND FLOOR
SCALE: N.T.S



LOBBY

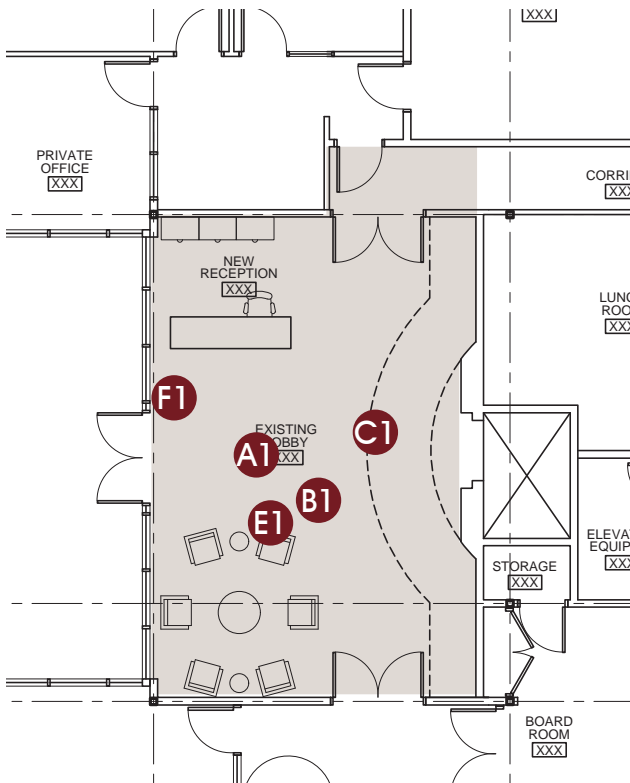
- Volume Ceiling: Open to above
- Two story curtain wall -West Facing single pane
- Wall Mural to remain
- Vertical Blinds to be removed
- COSMETIC IMPROVEMENTS
 - New floors
 - New Paint
 - Demo of existing walls
 - New furniture to be provided

CONCEPT

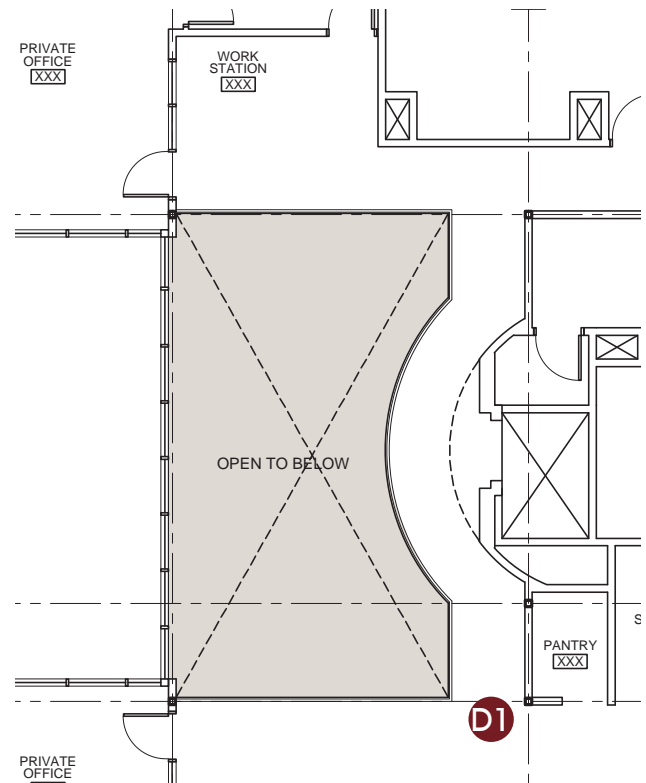
- Wall with integrated reception desk
- Offers security for staff
- Separates public/private
- Updates the aesthetics of the lobby
- Provides an accessible reception area
- Leaves mural intact (As requested)
- Doors are to be automated with card reader and push-button operation
 - Provide Pedestal for door operation

ADDITIONAL IMPROVEMENTS:

- New fenestration interior shading system-automated?



EXISTING ENLARGED PLAN- LOBBY
SCALE: N.T.S



EXISTING ENLARGED PLAN- OPEN VOLUME
(2ND FLOOR)
SCALE: N.T.S





A1 PHOTO A1- Existing Condition Exposed Receptionist



B1 PHOTO B1- Existing Window Treatment



C1 PHOTO C1 - Existing Mural at Lobby



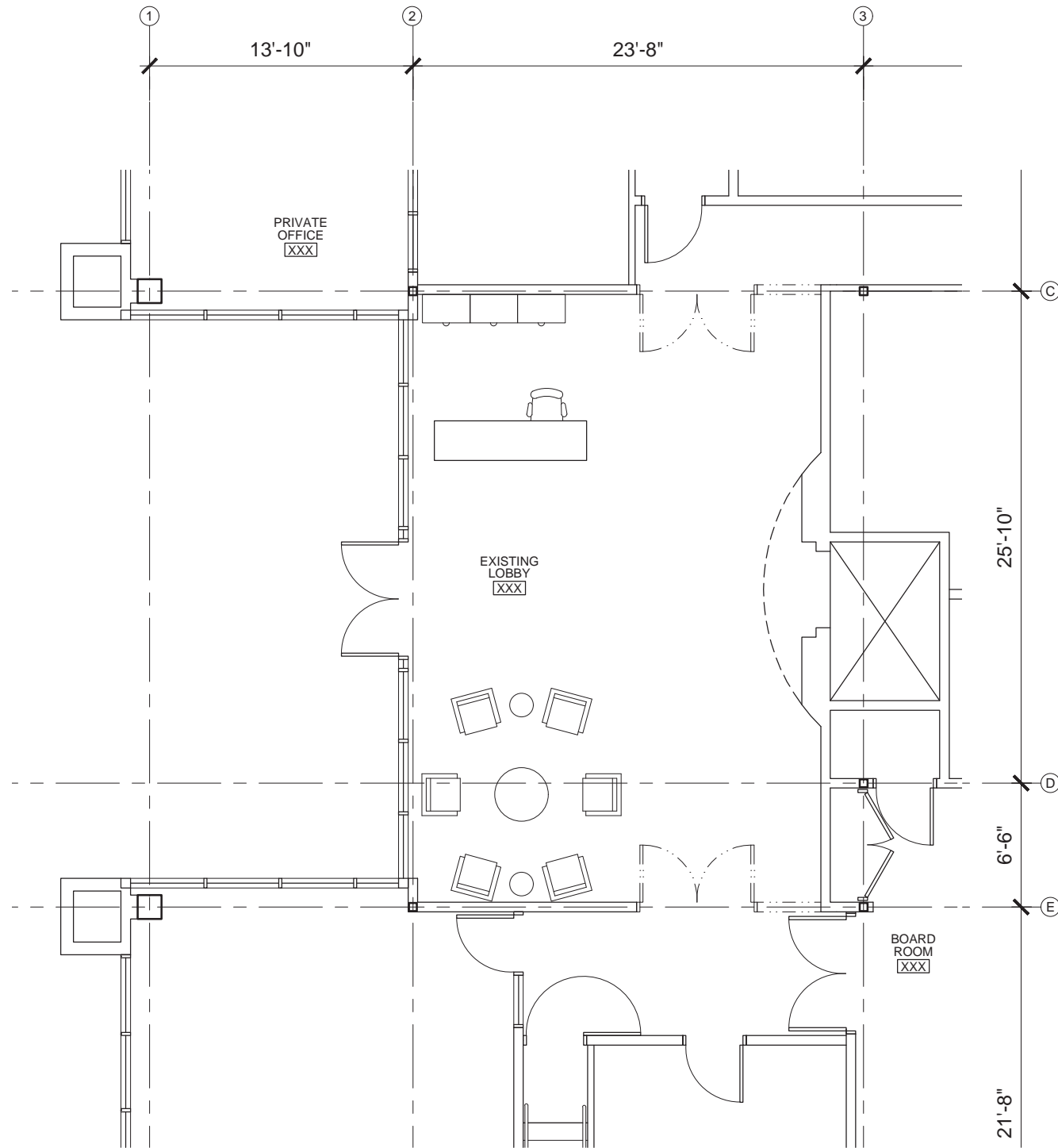
D1 PHOTO D1 - Existing Open Volume over Lobby



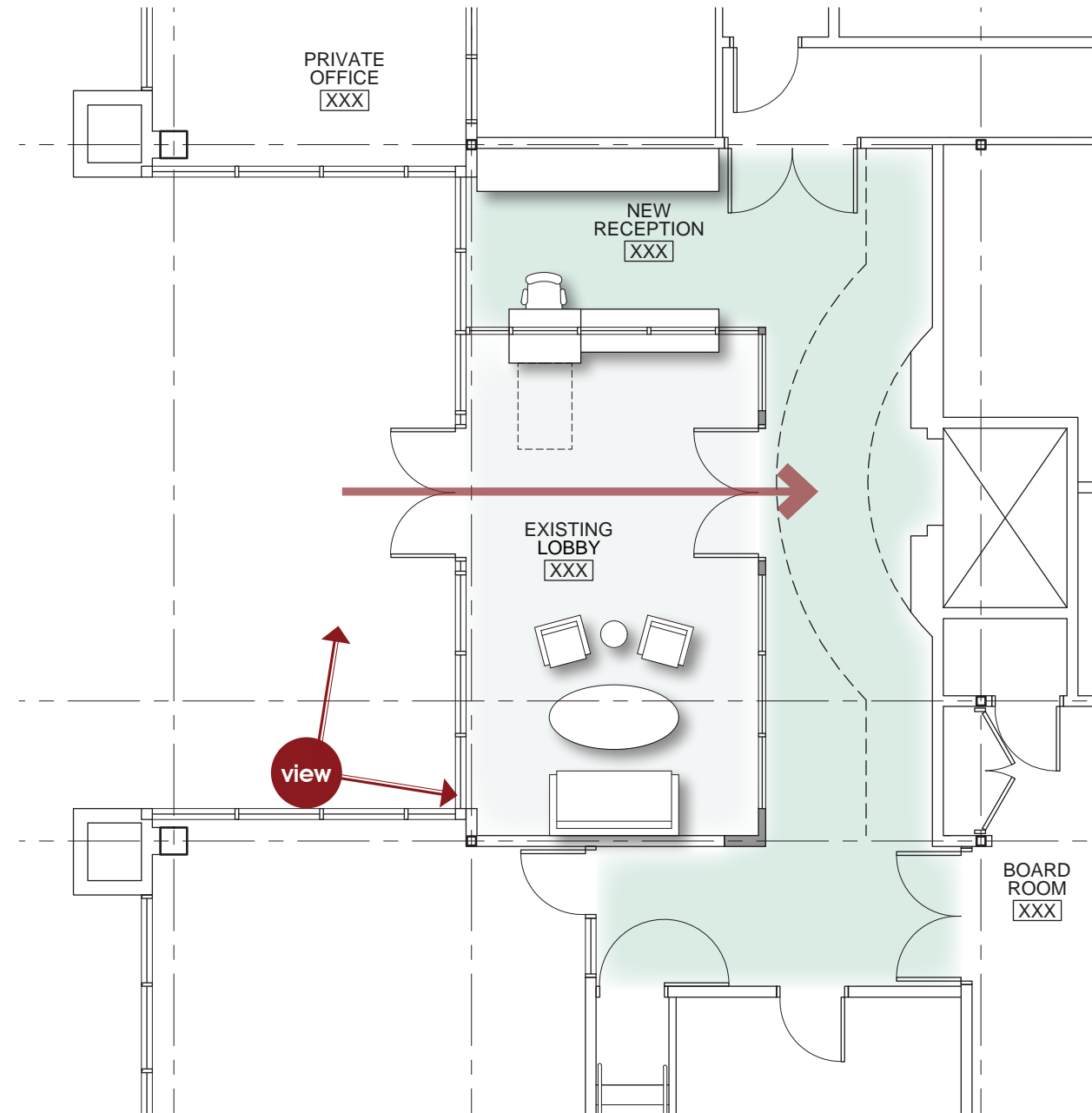
E1 PHOTO E1 - Existing Waiting Area at Lobby



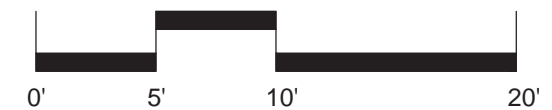
F1 PHOTO F1 - Existing Reception Area



01 LOBBY- EXISTING
A-1.3 Scale : 1/8" = 1'-0"



02 LOBBY- PROPOSED
A-1.3 Scale : 1/8" = 1'-0"





EXISTING LOBBY - PERSPECTIVE

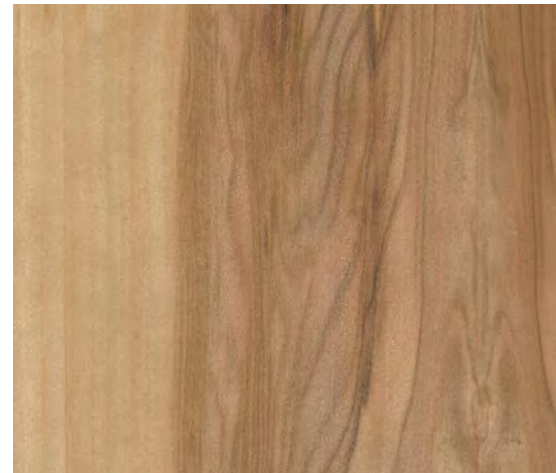


CONCEPTUAL PERSPECTIVES

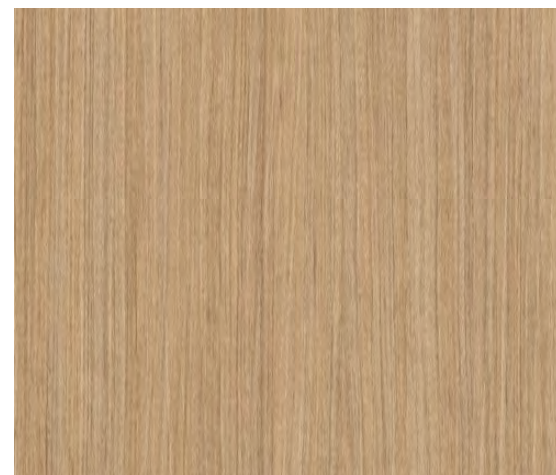
PROPOSED LOBBY - CONCEPT



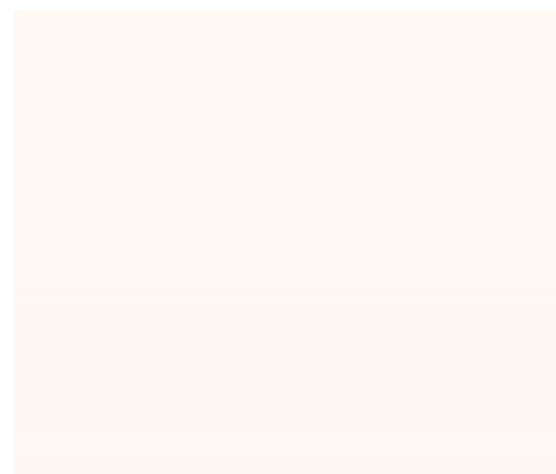
PROPOSED LOBBY - CONCEPT



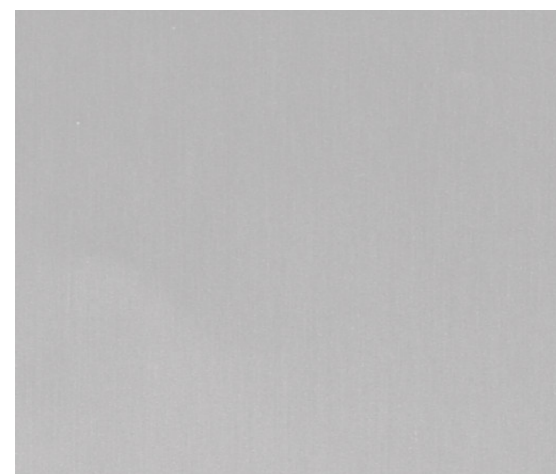
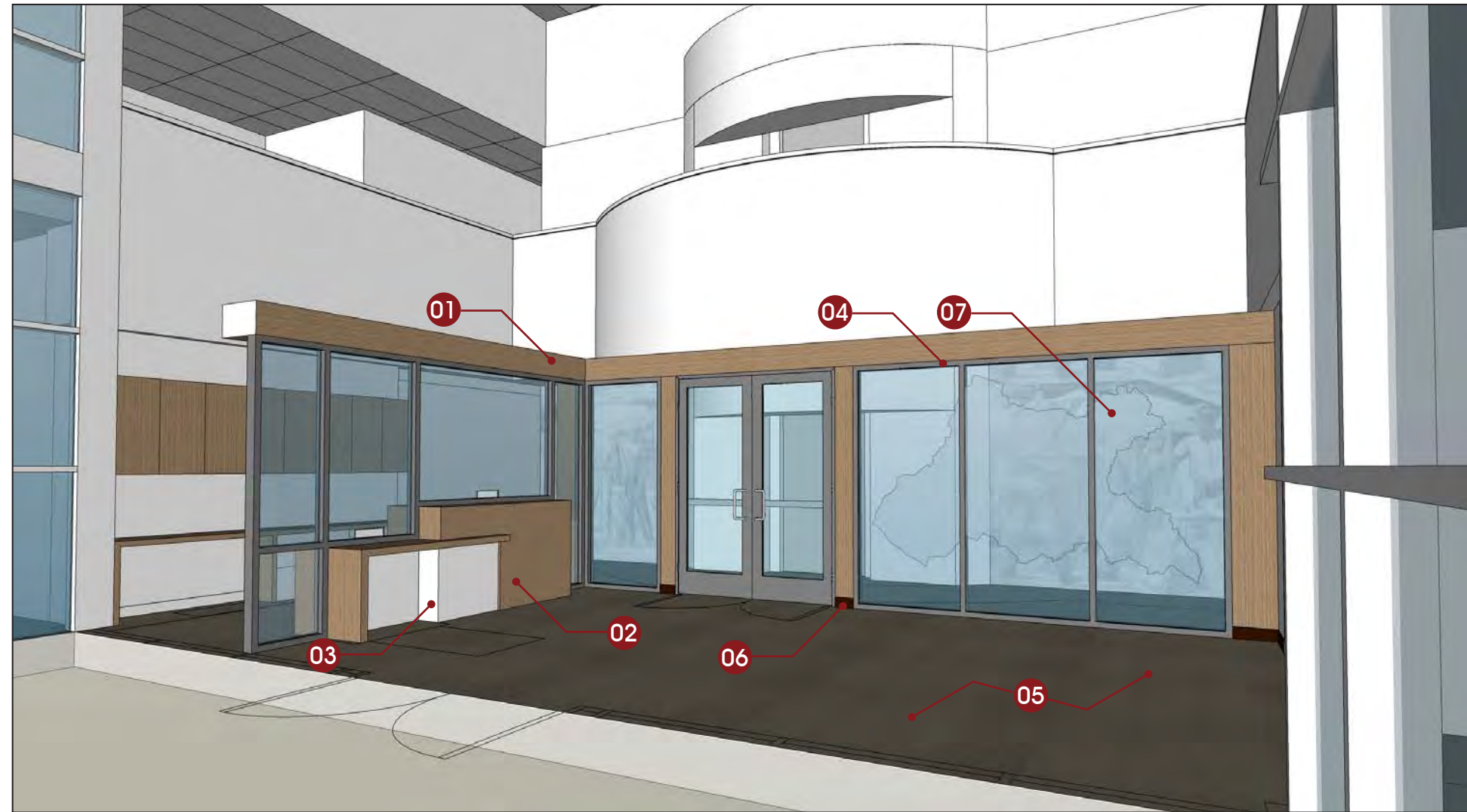
01 ARBOR WOOD WALLCOVERINGS
WALNUT- SATIN QC WITH SAP



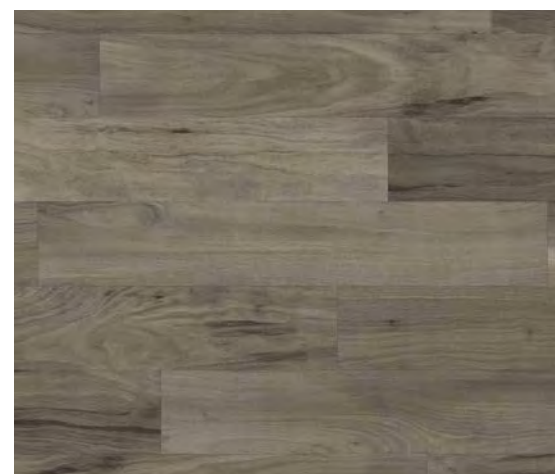
02 LANDMARK WOOD 7981
WILSONART LAMINATE SURFACE



03 ALABASTER D-431
WILSONART LAMINATE



04 CLEAR ADONIZED
STOREFRONT SYSTEM

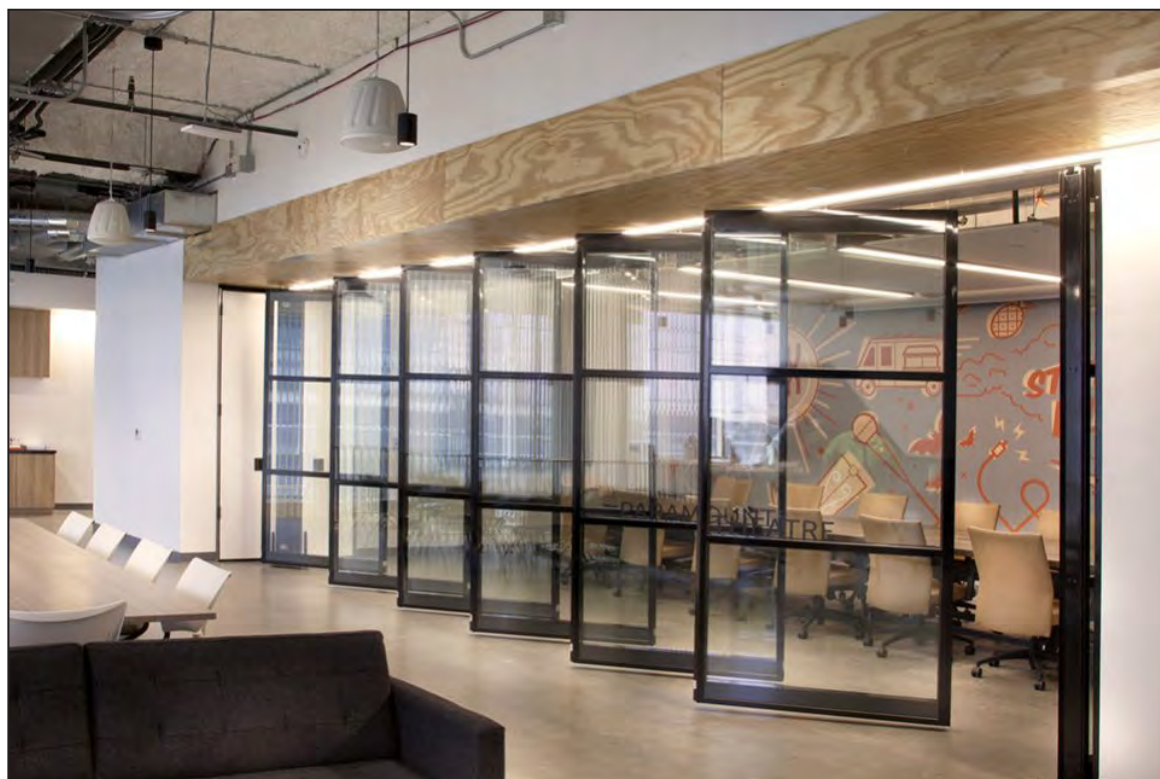


05 KARNDUAN FLOORING-
OPUS WP328



06 147 LIGHT BROWN
WALL BASE

07 TRANSLUCENT
FILM- WATERSHED
MAP WITH MEMBER
AGENCIES LOGOS





CODE ANALYSIS- POTENTIAL REQUIRED ADA UPGRADES DUE TO RENOVATION-

GENERAL REQUIRED ADA UPGRADES BY THE CITY

As part of any permitted renovations, The City of Riverside would require that the overall building meet the minimum of the following two following alternative conditions:

1. Full accessibility along the main path of travel to and around the renovation. Per Section 11B-202.4 of CBC, the drawings submitted to the Building Division for review shall provide "...an accessible path of travel to the specific area of alteration or addition shall be provided. The primary accessible path of travel shall include":
 - A primary entrance to the building and facility,
 - Toilet and bathing facilities serving the area
 - Drinking fountain serving the area,
 - Public telephone serving the area, and
 - Signs.
2. Alternatively, a hardship option can be applied if the estimated construction cost for the project is below an established valuation threshold (established by the Department of State Architect (DSA) at \$172,418 in 2021), a minimum of 20% of valuation of construction is required to be spent towards providing disabled access in the priority order noted in CBC Section 11B-202.4 exception # 8.

From our overall building review, we believe there are two main items that likely will need to be addressed as a part of the lobby renovations:

- The current ADA parking accessibility would need to be upgraded to fully comply to current code. There is a drainage culvert that inhibits the path of ADA travel path. The site may likely require an assessment to provide for accessible path of travel.
- The first-floor restroom accessibility

Specific scope extent of accessible upgrade requirements can vary depending on the ultimately on the City Inspector's interpretation of the needed accessibility upgrades.

RESTROOMS

The current facility contains four restrooms, two (2) men and two (2) women – two on each floor. However, the current configuration appears to be non-compliant with minimum ADA requirements.

The current facility houses a non-compliant shower. The threshold to enter the shower is obstructed by a 4"- 6" curb. No shower bench is provided. It is our recommendation to remove the shower. If it is SAWPA's desire to keep the shower, the restroom will likely have to be completely reconfigured to comply.

Based on the CBC, the facility would be identified as a "B" occupancy. Per the 2019 CPC, occupancy would be determined by 1 occupant per 200sf.

EXISTING NUMBER OF PLUMBING FIXTURES:

Male: 2 W.C. / 2 Urinal/ 1 lavatory (First floor restroom)
 Male: 2 W.C. / 1 Urinal/ 1 lavatory (Second floor restroom)

Female: 2 W.C. / 1 lavatory/ 1 shower (First floor restroom)
 Female: 2 W.C. / 1 lavatory (Second floor restroom)

2 "single" drinking fountain (1 per floor)



REQUIRED NUMBER OF PLUMBING FIXTURES:

Per Table 422.1 of 2019 CPC minimum requirements would include the following:

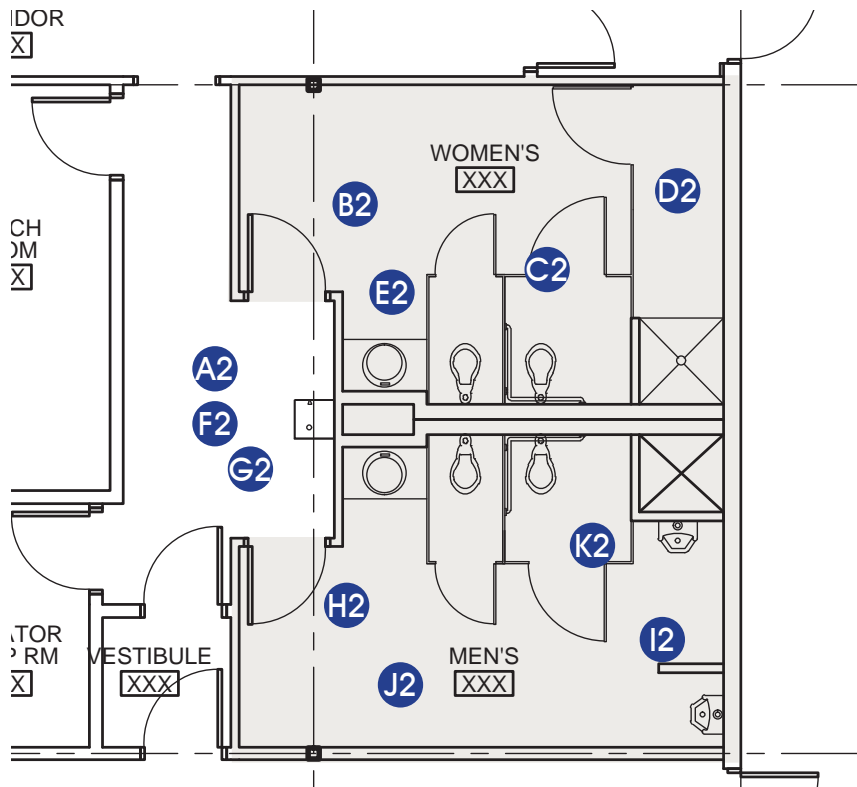
- Male: 2 W.C. / 1 Urinal/ 1 lavatory
- Female: 4 W.C. / 2 lavatory
- 1 drinking fountain (HI-LO per ADA/Accessibility requirements)
- 1 service sink

Plumbing fixture count complies.

POTENTIAL CODE COMPLIANCE ISSUES:

- WC to be verified
- Stall width to be verified
- Grab bars appear non-compliant
- Lavatories (lack pipe wrapping)
- Urinals appear to be mounted too high
- Shower (Women's) non-compliant- threshold, width, lack of shower seat, etc.
- Provide service sink (VIF)

- Drinking Fountains- required Hi-Lo
- Might result in door maneuvering clearance issues
 - Potential bottle filler only option???



EXISTING FLOOR PLAN- FIRST FLOOR
SCALE: N.T.S



A2 PHOTO A2- Existing Women's Restroom Door & Signage | First Floor



B2 PHOTO B2- Existing Lavatory at Women's Restroom (Lack of Pipe Wrapping) | First Floor



C2 PHOTO C2- Existing Accessible Stall with Continuous Grab Bars | First Floor



D2 PHOTO D2- Existing Non-Compliant Shower | First Floor



E2 PHOTO E2- Existing Restroom Accessories (Verify Mounting Heights) | First Floor



F2 PHOTO F2- Existing Drinking Fountain (Lacking Hi-Lo Fountain per ADA)



G2 PHOTO G2- Existing Men's Restroom Door & Signage



H2 PHOTO H2- Existing Lavatory at Men's Restroom (Lack of Pipe Wrapping) | First Floor



I2 PHOTO I2- Existing Urinal at Men's Restroom | First Floor



J2 PHOTO J2- Existing Urinal at Men's Restroom | First Floor

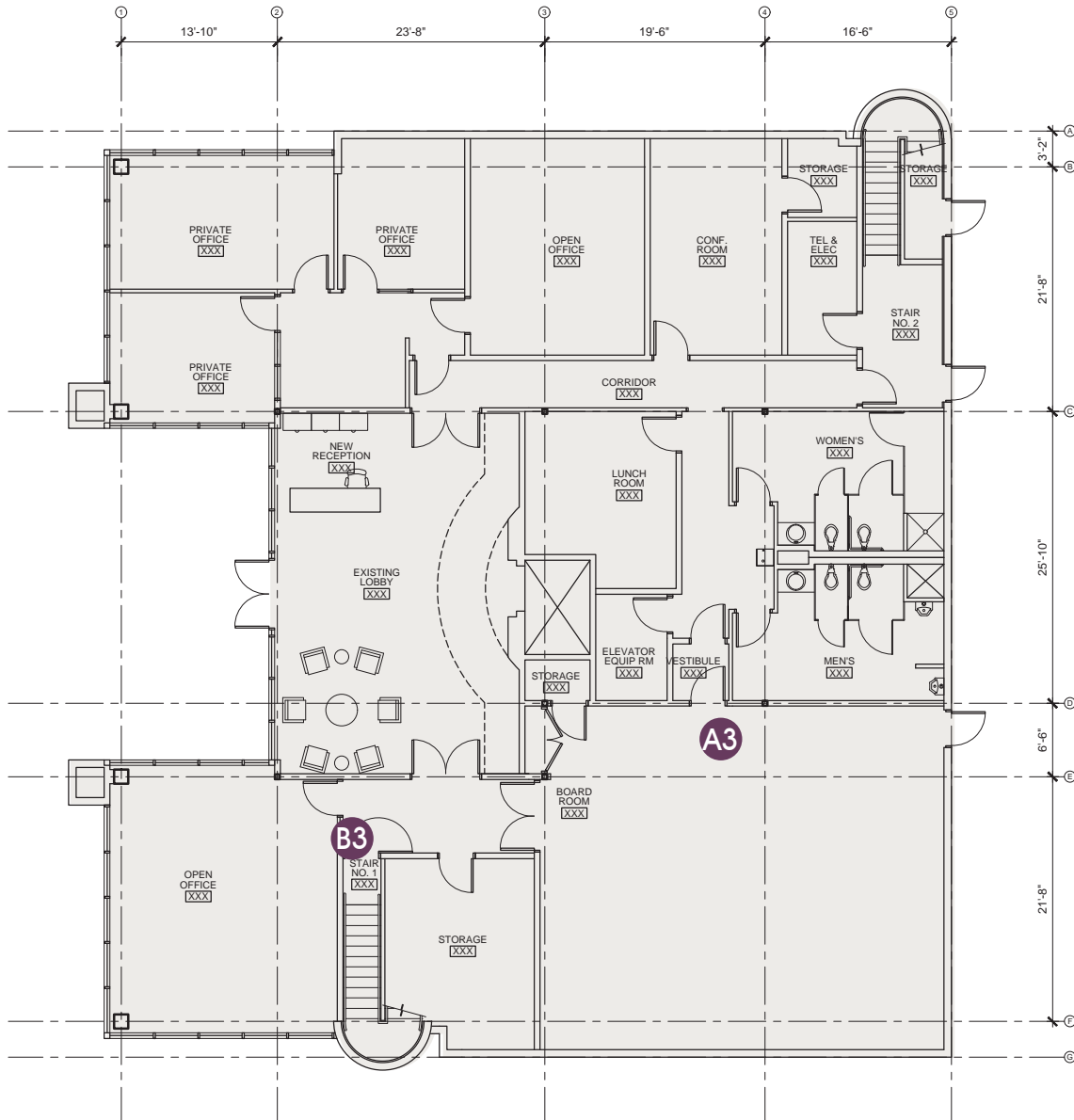


K2 PHOTO K2- Existing Accessible Stall with Continuous Grab Bars | First Floor



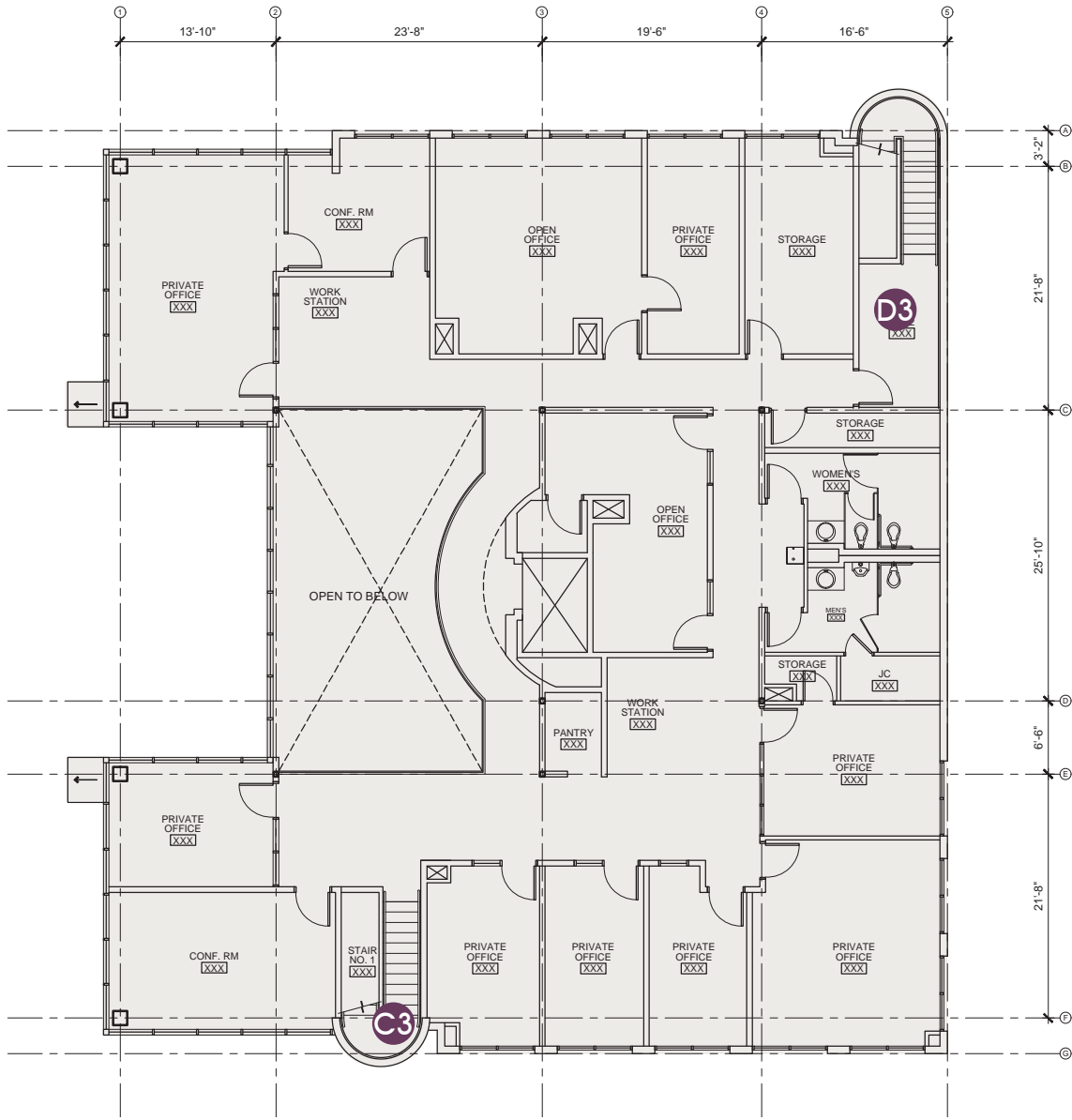
PATH OF TRAVEL

- Parking- With current location of ADA Parking stalls concrete v-gutter presents obstruction within path of travel. ADA parking stall could be relocated directly adjacent to the building next to the entrance by converting existing regular parking stalls into ADA ones.
- Signage Updates (lack of Braille, etc.)
- Path of Travel- Door push/pull clearance issues (to be verified)
- Stairs- handrails are only located on one side (2 required per code section 1011.11)



EXISTING FLOOR PLAN- FIRST FLOOR
SCALE: N.T.S



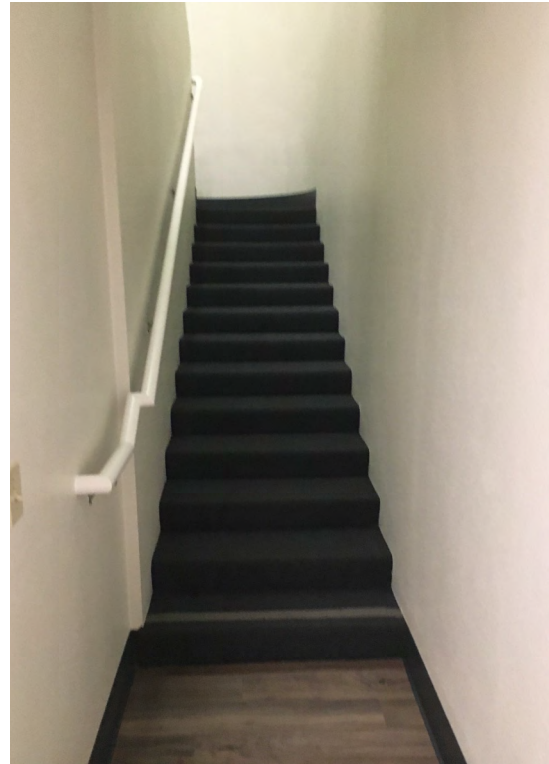


EXISTING FLOOR PLAN- SECOND FLOOR
SCALE: N.T.S





A3 PHOTO A3- Existing Vestibule (Potential Door Maneuvering Issues)



B3 PHOTO B3- Missing Handrail at Stair



C3 PHOTO C3- Missing Handrail at Stair



D3 PHOTO D4- Missing Handrail at Stair



E3 PHOTO E3- Existing Accessible Parking; Non-compliant Path of Travel



MODIFICATIONS FOR REMODEL OF HEADQUARTERS FACILITY (LOBBY)

- Provide vinyl tile (to match with existing throughout the building)
- Interior space will need new window coverings. Study options between vertical blinds and roller shades. May consider putting them on electronic actuators.
- Office furniture, and casework
- Lobby furniture

POTENTIAL ADA UPGRADES:

- Provide tile floors, and wainscoting for the restrooms.

Refer to the following structural, HVAC, Electrical, and Plumbing report for assessment and recommendations.

STRUCTURAL:

The new interior lobby wall will need lateral bracing. To do this without foundation work, we will span something like a 6x6 tube steel across the top of the new wall. Where the tube steel ends against the existing perpendicular walls, we install a wood post in the existing wall, ground to 2nd floor framing. The tube steel connects to these posts. The posts connect to the existing sill plate at the bottom and to the 2nd floor framing at the top. An additional steel column (or wood) will be on each side of the new doors.

MEP:

This brief report evaluates existing HVAC, plumbing and electrical system changes required to accommodate lobby renovation for SWAPA.

It is anticipated that ADA upgrade might be required for existing restrooms to bring them up to latest code requirements, for that purpose plumbing evaluation is included.

MECHANICAL

- Lobby is served by an existing package unit above roof. Based on the new conceptual drawings provided to our team, lobby will require minor air distribution revisions.
- The front half of the lobby have two (2) existing diffusers which will need to be upsized to manage load in the front lobby. Work associated will include replacement of existing grilles and upsizing existing ductwork serving the grilles. Duct work is located above ceiling in the corridor and can be replaced without major constructability.
- In addition, AC units above roof have few code discrepancies including no economizers, units installed without proper anchoring, condensate disposal to roof drains and lack of fresh air intake in compliance with latest energy code requirements. Although, lobby renovation does not trigger repair of these code issues as per our understanding of Title 24 application as they are original with the building. For that reason, they are not elaborated in this report.

ELECTRICAL

- Existing electrical power distribution will have no major effect due to the lobby renovation. New lighting will need to be added to inner half of the lobby and existing lights could be replaced in the exterior facing half of the lobby along with lighting controls.
- Power distribution scope will include new receptacles for new furniture layout.
- Existing circuits feeding existing lights and receptacles will be reused to feed new and renovated lights, and new receptacles.
- New lighting controls for lobby will include daylight sensors, occupancy sensors and dimming.



PLUMBING

- Existing restroom have urinals located too high compared to the code maximum. Several of toilets are not ADA compliant.
- If ADA upgrade is triggered, some plumbing work will be required to adjust urinal heights, reorganize toilets, and sinks to bring restrooms to ADA compliance.
- At this time, we are not aware of any issues related to plumbing in the wall. It is not feasible to estimate amount of work required to repair existing plumbing associated with ADA. Based on unconventional height of urinals, there could be certain restrictions in walls which may have triggered such height. Destructive assessment might be advisable during design to verify plumbing in the wall.

WEST FENESTRATION UPGRADE OPTION

- Building has a tall west facing single pane glass. There is a significant amount of heat gain through glass in the lobby area. There is a potential to reduce the heat gain with few upgrade options which can reduce the amount of cooling required for the lobby as well as bring the energy cost down.
- Below are suggested upgrades:
 - Add an independent shading system designed to stop direct radiation gain by exposure of glass to sun. This option directly reduces radiation gain, which is the most significant heat transfer element. This system can be supported directly off the building or it can stand on its own. The approximate budget for this upgrade could range between \$150k to \$250k depending on type, size, and structural implications.
 - Replace single pane glass with high efficiency glass. Typically, high efficiency glasses are dual pane and will require major upgrade of building skin to hold them in place. Also, they reduce radiation gain and provide better thermal capacity to the glass, but they are not as effective as shading system for west and south fenestration. This option is more likely going to reduce the amount of overall cooling required for the lobby. The approximate cost for this option could be upwards of \$250,000.
 - Add a reflective film on the exterior of glass and add internal roll down shade. This option has the least amount of intrusive work to the structure as no structural upgrade or support is required. Reflective films reduce radiation gain but also reduces visible light. Interior roller shades also dilute the rate of heat gain (not reduce it) and provide a little help with overall load profile. Cost of this upgrade is in range of \$100k but it has architectural implications as it involves exterior of the building skin.
 - Independent shading system, historically, has the most value as it provides direct peak reduction, resulting in lower demand charge and it does not require any significant maintenance. It also adds architectural feature to the building and has many options to choose from.



ROUGH ORDER OF MAGNITUDE COST



ROUGH ORDER OF MAGNITUDE COST

A Rough Order of Magnitude Cost has been prepared based on SAWPA Headquarters Facility-Lobby Renovation program requirements and building recommendations. The information contained in this document represents the approximate costs for construction based solely on this building assessment.

It is intended that these estimates be refined as the design process continues, however, the estimate may be relied on for planning and "order of magnitude" budgeting purposes.

ROUGH ORDER OF MAGNITUDE

SAWPA HEADQUARTERS FACILITY- LOBBY RENOVATION

GENERAL ITEMS

Programmatic Rough Order of Magnitude Cost is based on the needs assessment and programmatic space requirements developed by GPa and team.

Construction budgets are based on Santa Ana Watershed Project Authority (SAWPA) contracting for the completion of the complete facility and site work improvements in a continuous phase to a single General Contractor. Construction budgets are based on State of California Prevailing Wages only and do not include Federal funding wages and requirements.

Budget excludes any costs associated with hazardous material remediation. Budget excludes all costs required for temporary facilities during construction such as lockers, parking, storage, and others. Budget excludes all site work except the covered canopies for the material bins and fleet vehicles. Owners course of construction builders risk insurance is included within the direct costs.

Fixtures, Furnishings, and Equipment Allowances Typical furnishings (desks, tables, chair, cabinets, and office furniture) figured for the Administrative functions are excluded from this Rough Order of Magnitude Cost. Personnel office equipment (computers, printers, servers, copiers, scanners, and telephone equipment) is excluded and requirements will be determined by SAWPA at a future date.

This estimate is based on the assumption of a competitive bid environment at both the general contractor and subcontractor level. This estimate assumes the use of prevailing wage labor rates. The ROM depicts current cost for this year. Escalation cost should be factor in at roughly 3% per year factored into every year beyond 2021.



SAWPA
Lobby Renovation
Preliminary Conceptual budget assessment
 Date: 5/12/2021

Building/Project Gross Floor Area **600 SF**

Element		Total	Cost / SF
01	General Conditions (Incl. Below)		
02	Existing Conditions	\$9,900	\$16.50
03	Concrete	\$1,000	\$1.67
04	Masonry	\$0	\$0.00
05	Metals	\$2,500	\$4.17
06	Wood, Plastics & Composites	\$23,100	\$38.50
07	Thermal & Moisture Protection	\$0	\$0.00
08	Openings	\$29,700	\$49.50
09	Finishes	\$25,080	\$41.80
10	Specialties	\$1,820	\$3.03
11	Equipment	\$12,000	\$20.00
12	Furnishings	\$31,800	\$53.00
13	Special Construction	\$0	\$0.00
14	Conveying Equipment	\$0	\$0.00
21	Fire Suppression	\$0	\$0.00
22	Plumbing	\$0	\$0.00
23	Heating, Ventilating and Air Conditioning	\$1,200	\$2.00
26	Electrical	\$18,000	\$30.00
27	Communication	\$6,440	\$10.73
28	Electronic Safety and Security	\$0	\$0.00
31	Earthwork	\$0	\$0.00
32	Exterior Improvements	\$0	\$0.00
33	Utilities	\$0	\$0.00
	Subtotal	\$162,540	\$270.90
	Phasing	0.0%	\$0 \$0.00
	Subtotal	\$162,540	
	General Condition	12.0%	\$19,505 \$32.51
	Subtotal	\$182,045	
	General Contractor OH&P	15.0%	\$27,307 \$45.51
	Subtotal	\$209,352	
	Bonds & Insurance	2.3%	\$4,815 \$8.03
	Subtotal	\$214,167	
	Design Contingency	10.0%	\$21,417 \$35.69



Subtotal		\$235,583	
Construction Contingency	10.0%	\$23,558	\$39.26
Subtotal		\$259,142	

TOTAL ESTIMATED CONSTRUCTION COST*		\$259,142	\$431.90
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* Does not include potential City/ State required ADA improvements outside the immediate scope of the project



DETAIL ITEMIZED COST

Element	Quantity	Unit	Unit Cost	Total
02 Existing Conditions and Site Conditions				
Protection of existing to remain	1,000	sf	\$1.50	\$1,500.00
Lobby Flooring Demo	600	sf	\$1.50	\$900.00
Selective Demolition- existing walls and openings	300	sf	\$25.00	\$7,500.00
			TOTAL	\$9,900.00
03 Concrete				
Miscellaneous concrete, allowance				
Allowance for patching	200	sf	\$5.00	\$1,000.00
			TOTAL	\$1,000.00
04 Masonry				
	0	sf		\$0.00
			TOTAL	\$0.00
05 Metals				
Miscellaneous metal, allowance	500	sf	\$5.00	\$2,500.00
			TOTAL	\$2,500.00
06 Wood, Plastics & Composites				
Rough Carpentry				
Miscellaneous blocking and backing	350	sf	\$6.00	\$2,100.00
Finished Carpentry				
Allowance for Built-in furniture	35	lf	\$600.00	\$21,000.00
			TOTAL	\$23,100.00
07 Thermal & Moisture Protection				
Insulation				
Batt insulation, interior partitions	0	sf		\$0.00
			TOTAL	\$0.00
08 Openings				
Doors Allowance				
Glazed aluminum doors and frames, hardware				
Double	1	pr	\$7,200.00	\$7,200.00
Glazing Allowance				
Aluminum glazed windows	300	sf	\$75.00	\$22,500.00
			TOTAL	\$29,700.00
09 Finishes				
Interior Partitions				
3 5/8", 20 ga. @16" o.c. - Additional partition	50	lf	\$120.00	\$6,000.00
		sf	\$10.00	\$0.00



DETAIL ITEMIZED COST

Element	Quantity	Unit	Unit Cost	Total
Miscellaneous patchwork to walls	20	hr	\$50.00	\$1,000.00
Interior Finishes				
Floors				
Flooring- General Laminate	600	sf	\$12.00	\$7,200.00
Bases				
Rubber base	160	lf	\$3.00	\$480.00
Walls				
Paint	2000	sf	\$2.50	\$5,000.00
Wood Veneer Coverings	180	sf	\$30.00	\$5,400.00
TOTAL				\$25,080.00

10 Specialties

Miscellaneous				
Fire extinguisher, semi recessed, allowance	1	ea	\$500.00	\$500.00
Signage, allowance	600	sf	\$1.00	\$600.00
Miscellaneous building specialties, allowance	600	sf	\$1.20	\$720.00
TOTAL				\$1,820.00

11 Equipment

Allowance- Security Card Access/ Automated Door openings	1	unit	\$12,000.00	\$12,000.00
TOTAL				\$12,000.00

12 Furnishings

Furniture				
Movable furniture allowance	600	sf	\$28.00	\$16,800.00
Blinds and Shades				
Shade, Automated Allowance	600	sf	\$25.00	\$15,000.00
TOTAL				\$31,800.00



DETAIL ITEMIZED COST

Element	Quantity	Unit	Unit Cost	Total
13 Special Construction				
	0	lf		\$0.00
		sf		\$0.00
				<u>\$0.00</u>
			TOTAL	\$0.00
14 Conveying Equipment				
N/A	0	lf	\$0.00	\$0.00
				<u>\$0.00</u>
			TOTAL	\$0.00
21 Fire Suppression				
Fire Sprinkler System				
Fire Alarm		sf		\$0.00
Automatic Sprinkler System		sf		\$0.00
				<u>\$0.00</u>
			TOTAL	\$0.00
22 Plumbing				
				\$0.00
				\$0.00
				\$0.00
Allowance		sf	\$20.00	\$0.00
				<u>\$0.00</u>
			TOTAL	\$0.00
23 Heating, Ventilating and Air Conditioning				
Test/Balance HVAC after wall re-configuration	600	sf	\$2.00	\$1,200.00
				<u>\$1,200.00</u>
			TOTAL	\$1,200.00



DETAIL ITEMIZED COST

Element	Quantity	Unit	Unit Cost	Total
26 Electrical				
Power				
Convenience Power	600	sf	\$2.00	\$1,200.00
Service and Distribution	600	sf	\$11.00	\$6,600.00
HVAC and Equipment				
New Thermostat conduit and backbox		ea	\$650.00	\$0.00
Lighting				
Lighting	600	sf	\$17.00	<u>\$10,200.00</u>
			TOTAL	\$18,000.00
27 Communication				
Telephone/Data System - infrastructure only				
Allowance	1	ls	\$5,000.00	\$5,000.00
Wall telephone/data outlet	600	sf	\$0.80	\$480.00
Floor telephone/data outlet	600	sf	\$0.80	\$480.00
System Furniture/data outlet	600	sf	\$0.80	\$480.00
Audio/Visual System				
AV Allowance	0	ea		<u>\$0.00</u>
			TOTAL	\$6,440.00
28 Electronic Safety and Security				
Special Systems				
Fire Alarm System - allowance		sf	\$2.00	<u>\$0.00</u>
			TOTAL	\$0.00
31 Earthwork				
Allowance- regrading parking and walk areas for access		sf	\$2.00	<u>\$0.00</u>
			TOTAL	\$0.00
32 Exterior Improvements				
Painting		sf	\$5.00	\$0.00
Patching existing walls		lf	\$20.00	<u>\$0.00</u>
			TOTAL	\$0.00
33 Utilities				
N/A	0	lf	\$0.00	<u>\$0.00</u>
			TOTAL	\$0.00
			GRAND TOTAL	\$162,540



CONCLUSION

CONCLUDING HIGHLIGHTS

Key improvements for this renovation:

DEMO

- Floor Finishes and Base Board
- Existing 1st floor Walls and doors dividing lobby and offices.
- Note that there will be some demolition of existing drywall surfaces within the lobby perimeter walls to install structural posts and anchor lateral support for the new walls

ARCHITECTURAL:

- New Partition Wall and interior finish work
- Demo existing glass interior doors on both sides into the lobby
- New flooring
- New Paint throughout lobby space
- New automated shades for the window
- Lighting upgrades

STRUCTURAL:

- No structural issues anticipated for the installation of new lobby renovation and reception wall installation.

MEP:

- New lighting will need to be added to inner half of the lobby and existing lights could be replaced in the exterior facing half of the lobby along with lighting controls.
- New lighting controls for lobby will include daylight sensors, occupancy sensors and dimming.
- The front half of the lobby have two (2) existing diffusers which will need to be upsized to manage load in the front lobby. Work associated will include replacement of existing grilles and upsizing existing ductwork serving the grilles

POTENTIAL ADA WORK TO CONSIDER:

- If we are able to subtract the furniture and security equipment from The Conceptual Construction Budget, the project may qualify the project for hardship exemption from needing to provide full ADA Accessibility required by code. Under hardship, only 20% of the Construction budget would need to be dedicated to ADA improvements should fall below DSA at \$172,418 for 2021. Accessibility work was not a Part of the SOPC in this report.

CONCLUSION

LOBBY RENOVATION ASSESSMENT

This report had mainly focused on the lobby space itself. Structural, and Mechanical modifications are needed but appear to be relatively minimal. In the report, we touched on the potentially larger ADA retrofits of the building and the site can impact the scope of the project.

Building code requires that with any proposed renovation, all essential areas connected to the source of renovation (parking, main paths of travel, entry, and restrooms) must also be fully accessible. Once the lobby conceptual design is approved, and before officially launching the project into design development, we recommend engaging with a CASp consultant (Certified Access Specialists (CASp)) to assess the facility areas impacted for ADA accessibility.

The CASp consultant would provide a professional report specifically identifying specific site and building features that lack accessibility compliance. These would be items that the building would need to retrofit to meet with accessibility required by the current Building code. GPa had identified a few potential ADA compliance issues within this report, for example the restroom and the site. A CASp consultant would provide a more comprehensive report and identify every ADA issue in detail along with the reason, code reference, and potential retrofit

This Accessible report would provide SAWPA with a quantifiable list of items to review, prioritize, and budget for as a part of this project. If the project ends up pursuing a hardship application (20% of valuation of construction dedicated to ADA), this report can help SAWPA identify the specific items that are more of priority to implement in this current phase. The CASP report can at times be used as an official exhibit in review and/or submittal with the City during plan check.

CASp assessments provides the SAWPA a specific checklist and map for identifying and planning the needed ADA retrofits, as well as a document that can be used a guide for stakeholders and the City plan check to define and verify accessibility needs during the plan check process. CASp services typically costs roughly \$2000-\$3,000 for a project this size, but can be invaluable to optimizing the ADA retrofit process.

We have consultants that we work with that can provide this service if SAWPA chooses to do so.

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Prepared by
Gillis + Panichapan Architects,
Inc.

DATE: 07/19/2021

SAWPA

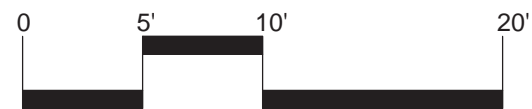
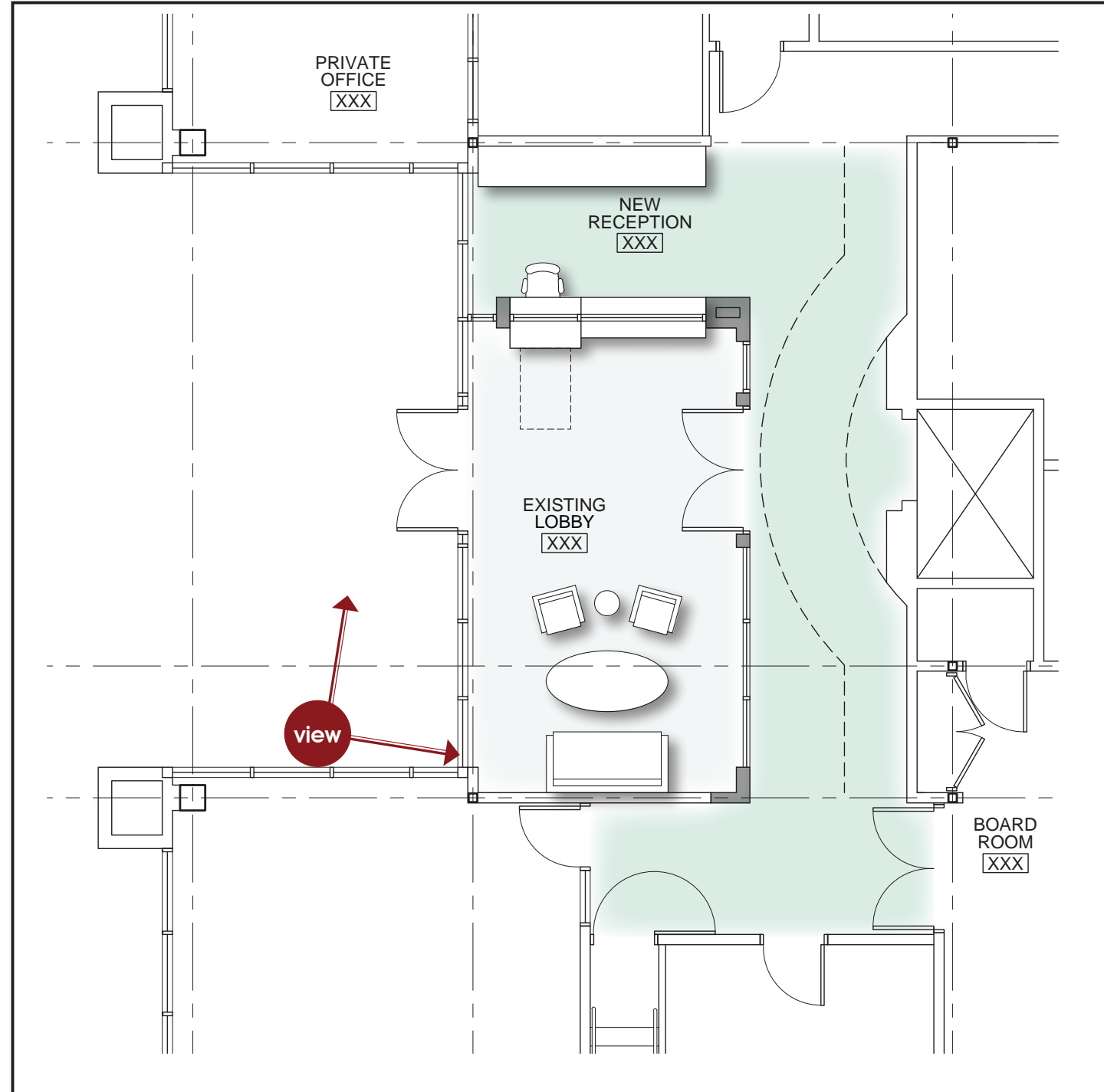
SANTA ANA WATERSHED
PROJECT AUTHORITY

LOBBY RENOVATION

11615 STERLING AVE,
RIVERSIDE, CA 92503

DRAFT

CONCEPTUAL PERSPECTIVES



PROPOSED LOBBY - CONCEPT



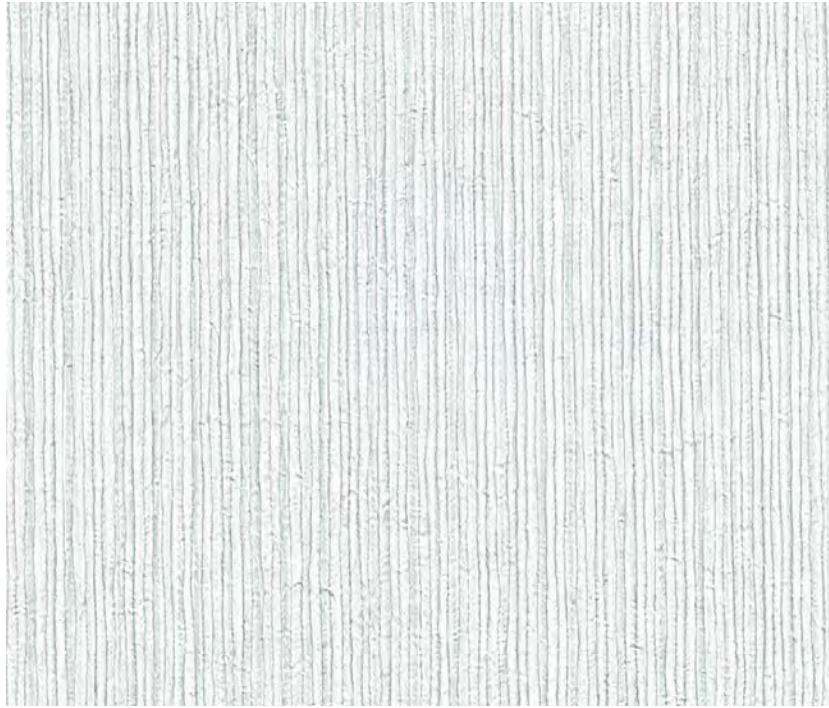


SCHEME 1 : CONCEPTUAL PERSPECTIVE- PROPOSED

PROPOSED LOBBY - SCHEME 1



SCHEME 1: MATERIALS BOARD- PROPOSED



01 KOROSEAL - WALLCOVERINGS
INTERLOOM PRUSSIAN - NM21-19



02 PATCRAFT - VINYL FLOORING
1440V CROSSOVER INSTEP - 00500 HAZE- V2



03 DARK BRONZE
STOREFRONT SYSTEM



04 DAL TILE - ENGINEERED STONE
OQ47 - CALACATTA PATRIOTIC



05 SHERWIN WILLIAMS - PAINT
EGRET WHITE SW 7570

06 BURKE - RUBBER BASE
108 BRONZE METALLIC



07 WILSONART - PLASTIC LAMINATE
ZANZIBAR - 7957



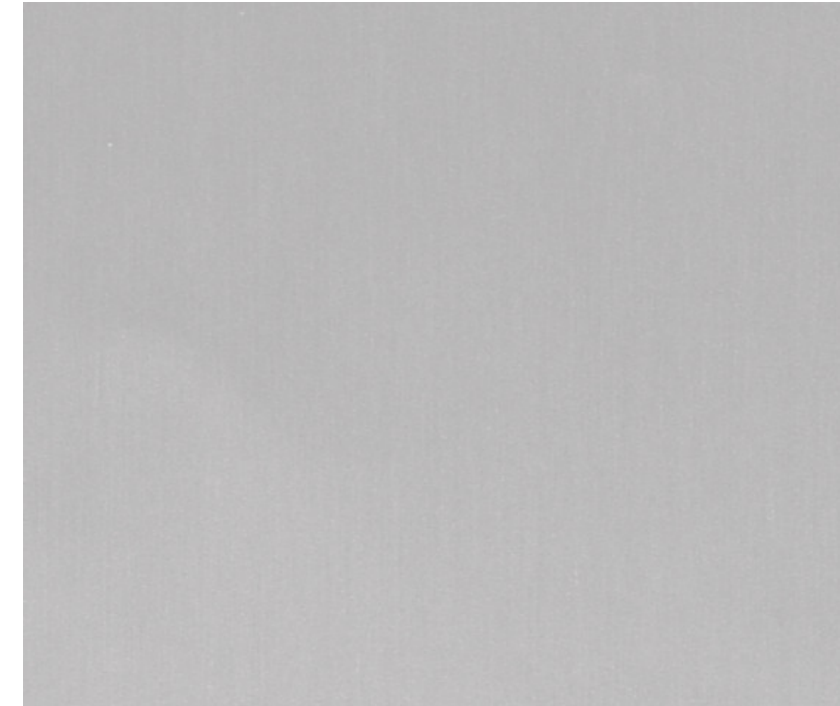
PROPOSED LOBBY - SCHEME 2



01 KOROSEAL - WALLCOVERINGS
INTERLOOM PRUSSIAN - NM21-19



02 PATCRAFT - VINYL FLOORING
1440V CROSSOVER INSTEP - 00500 HAZE- V2



03 CLEAR ADONIZED
STOREFRONT SYSTEM



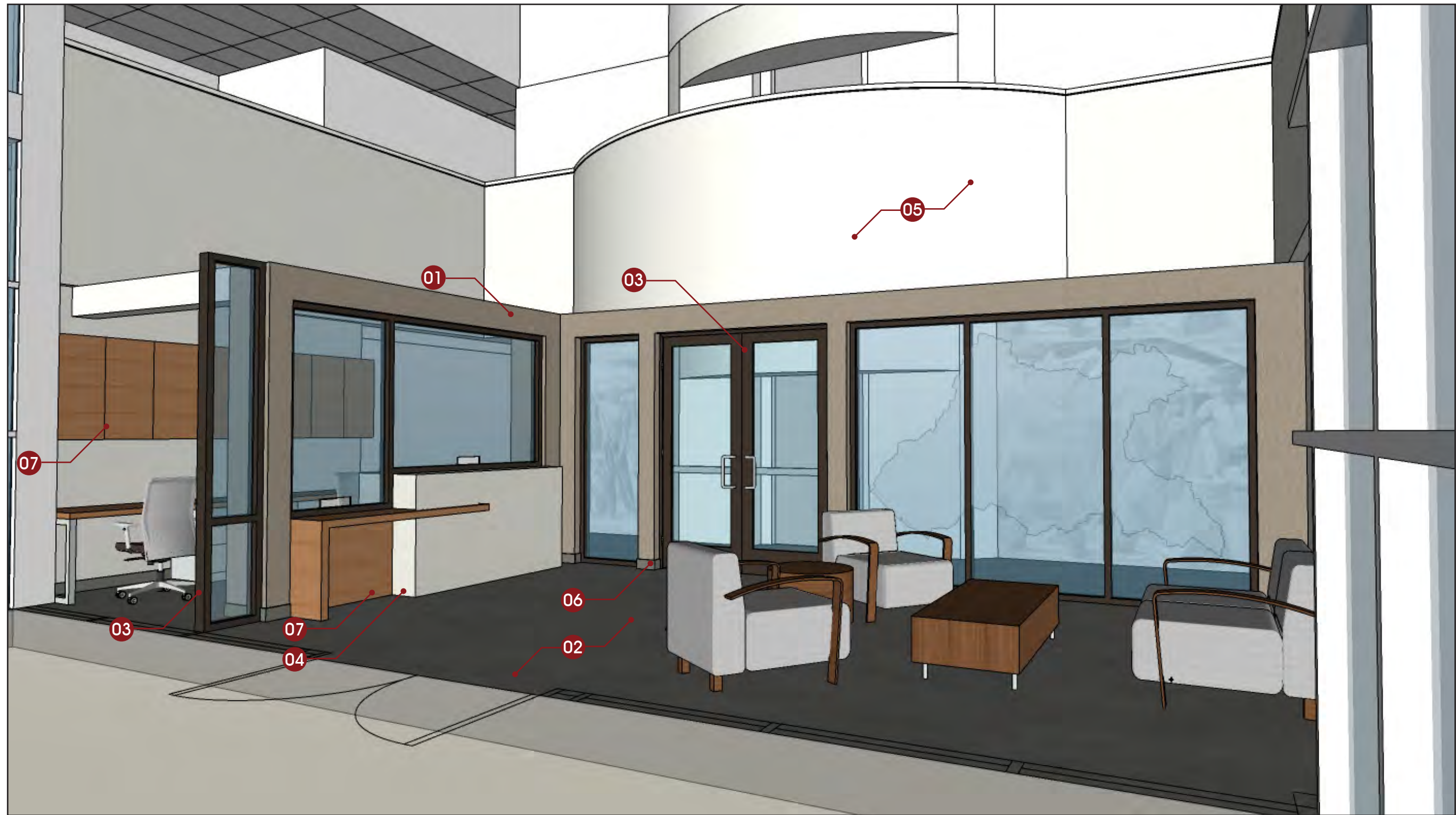
04 DAL TILE - ENGINEERED STONE
OQ34 - ROCKY MOUNTAIN



05 SHERWIN WILLIAMS - PAINT
EIDER WHITE SW 7014 06 ROPPE - RUBBER BASE
193 BLACK BROWN



07 WILSONART - PLASTIC LAMINATE
WALNUT HEIGHTS - 7965



SCHEME 3 : CONCEPTUAL PERSPECTIVE- PROPOSED

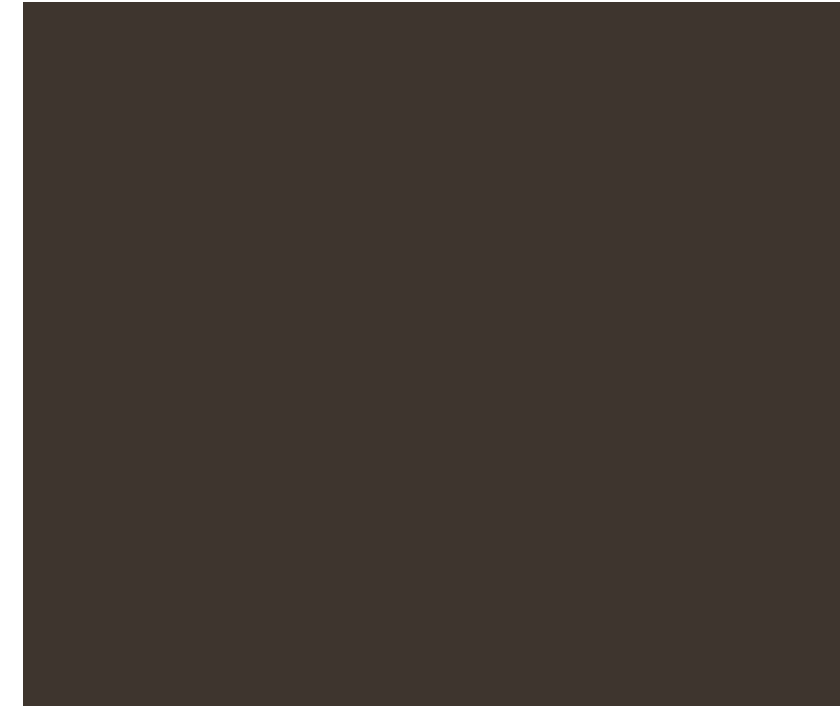
PROPOSED LOBBY - SCHEME 3



01 KOROSEAL - WALLCOVERINGS
INTERLOOM PRUSSIAN - NM21-19



02 PATCRAFT - VINVYL FLOORING
1440V CROSSOVER INSTEP - 00500 HAZE- V2



03 STATUARY BRONZE
STOREFRONT SYSTEM



04 DAL TILE - ENGINEERED STONE
OQ32 - NIAGARA



05 SHERWIN WILLIAMS - PAINT
INCREDIBLE WHITE SW 7028 06 ROPPE - RUBBER BASE
050 MOONBEAM

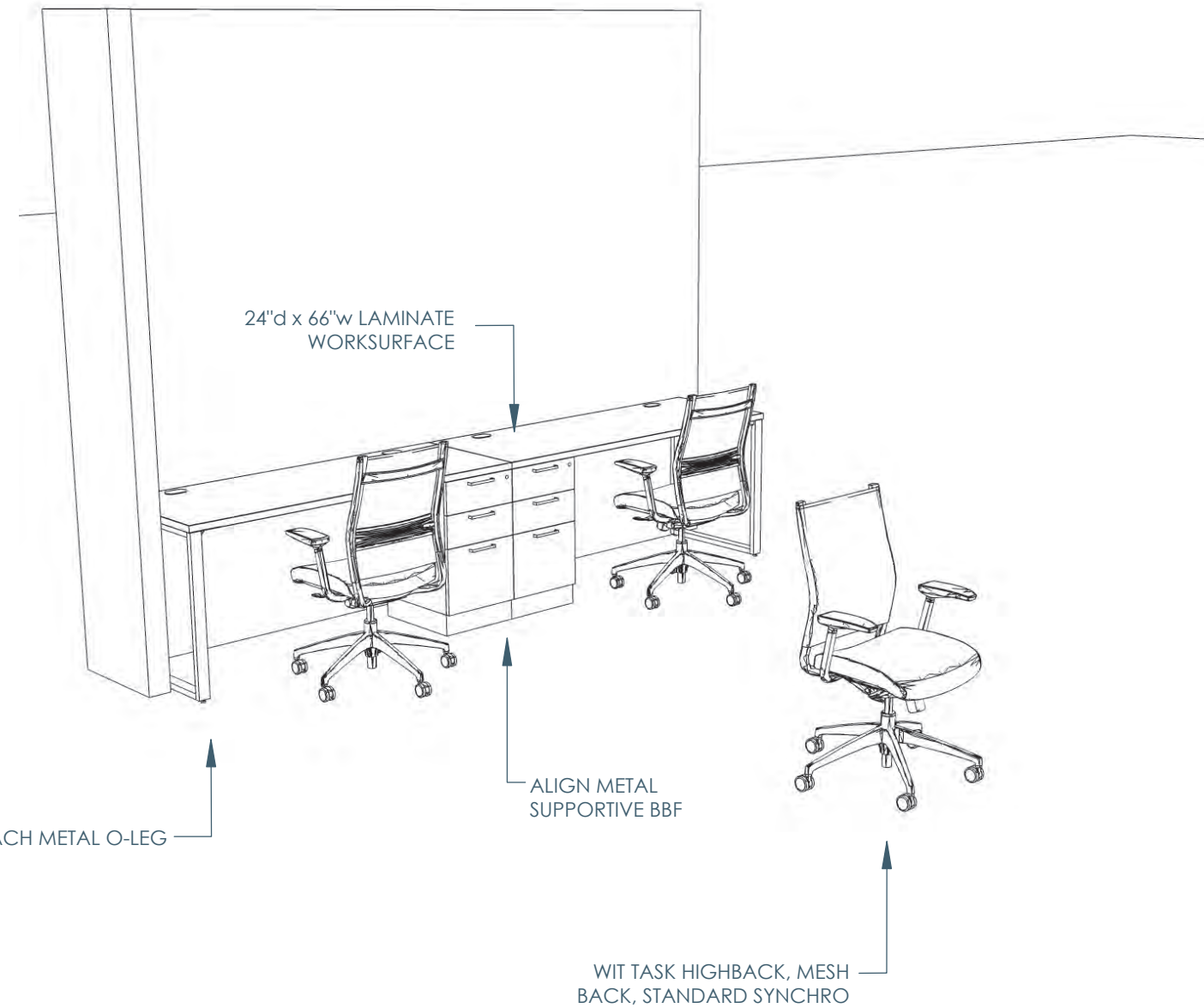
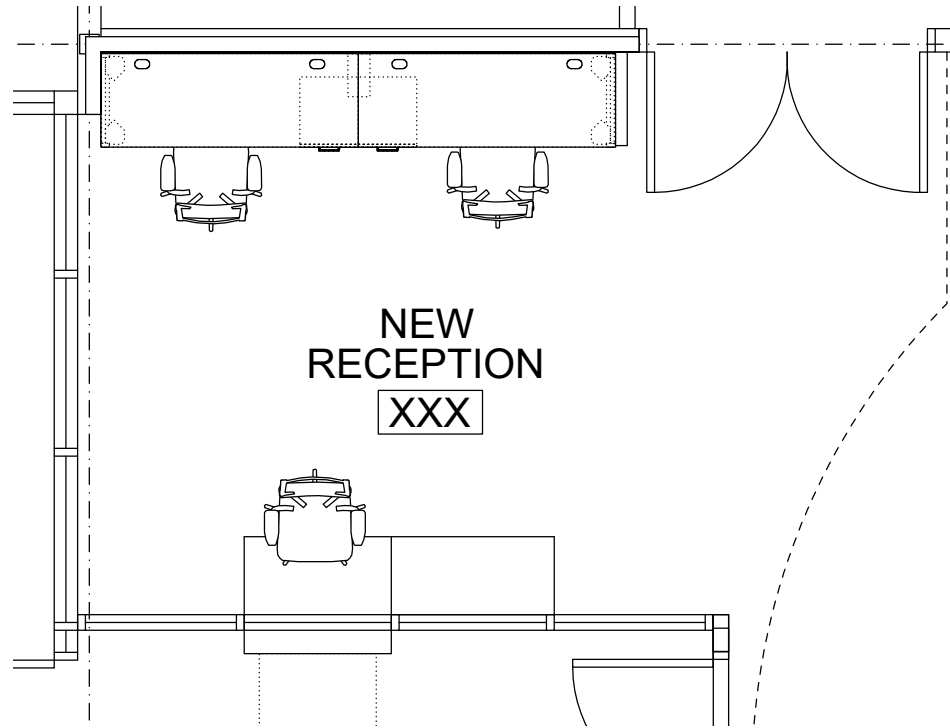


07 WILSONART - PLASTIC LAMINATE
BRAZILWOOD - 7946



RECEPTION

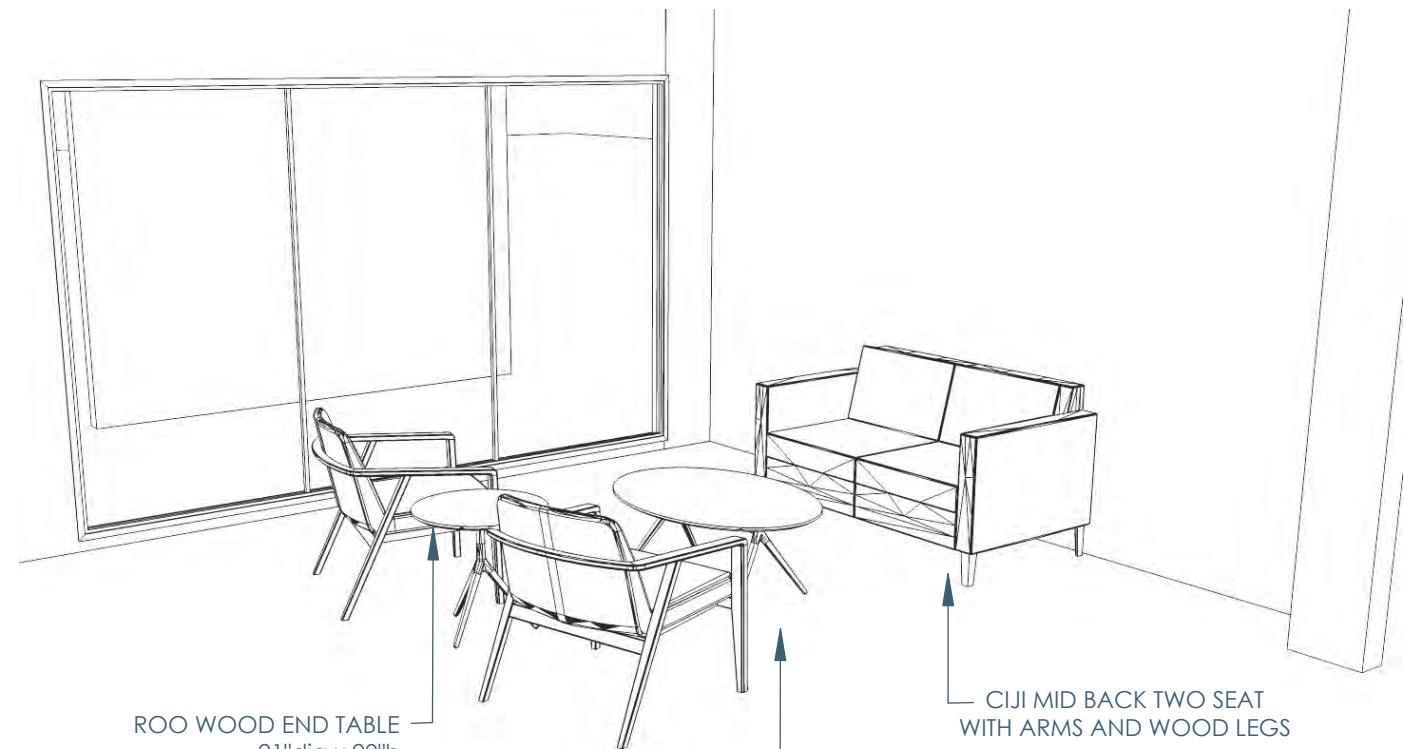
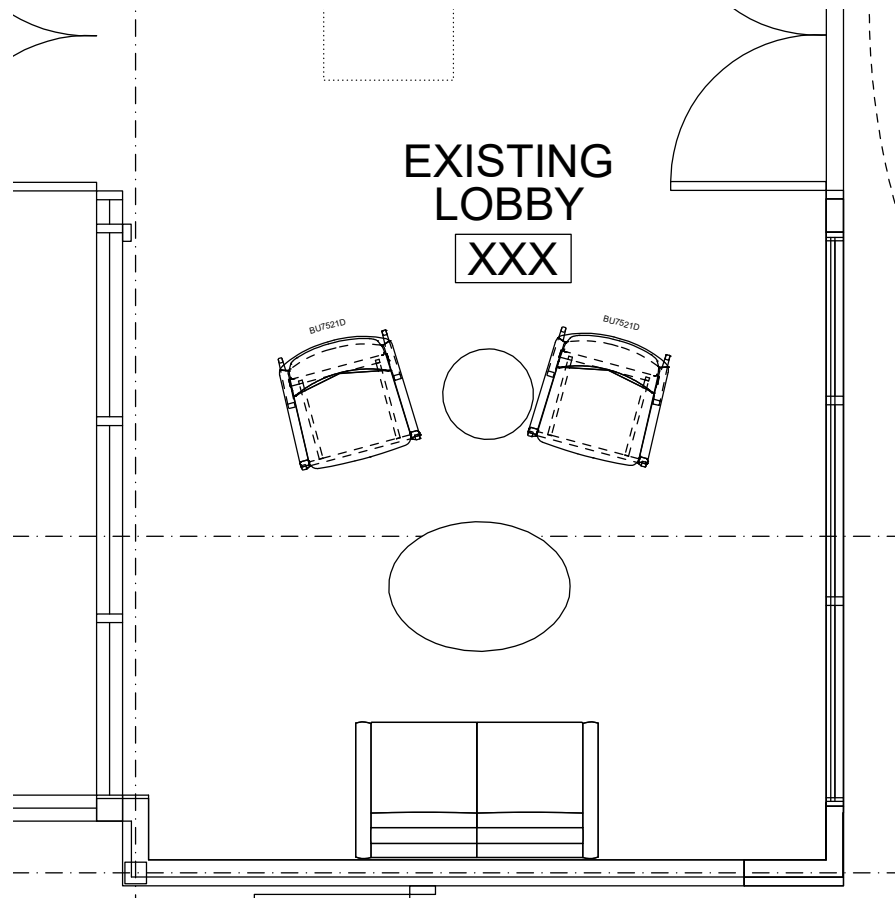
FURNITURE OPTIONS: RECEPTION - PROPOSED





LOBBY: OPT 1

OPTION 1 : FURNITURE OPTIONS: LOBBY - PROPOSED



ROO WOOD END TABLE
21"dia x 20"h

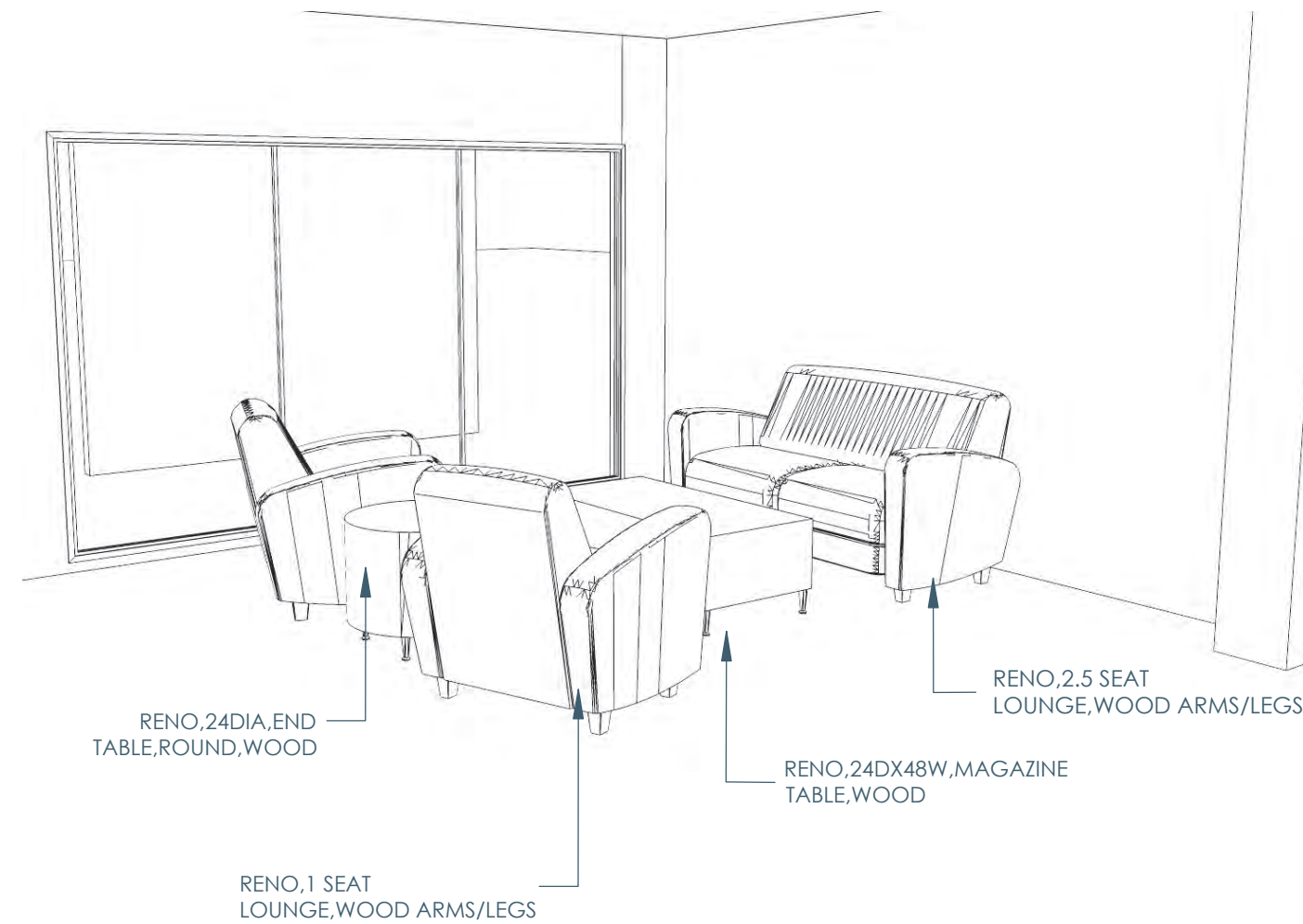
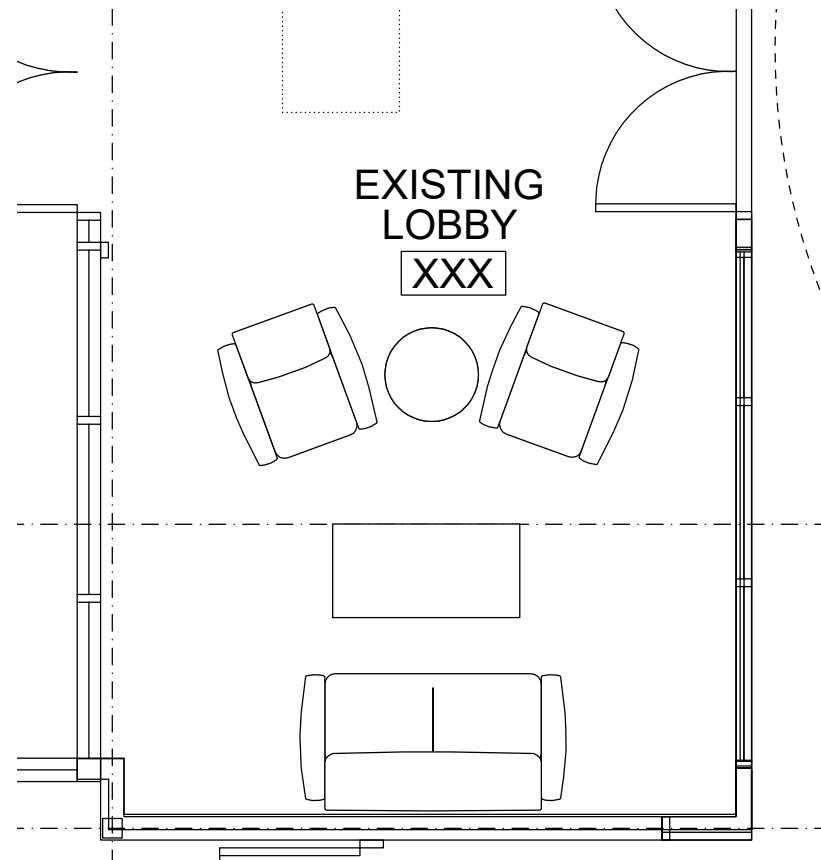
CIJI MID BACK TWO SEAT
WITH ARMS AND WOOD LEGS

ROO WOOD OVAL COFFE TABLE

JSI BOURNE LOUNGE CHAIR



LOBBY: OPT 2



OPTION 2 : FURNITURE OPTIONS: LOBBY - PROPOSED

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COMMISSION MEMORANDUM NO. 2021.67

DATE: September 21, 2021

TO: SAWPA Commission

SUBJECT: Regional Water Quality Monitoring Task Force – Santa Ana Regional Monitoring Program Data Viewer
(This item is subject to the provisions of Project Agreement 26)

PREPARED BY: Rick Whetsel, Senior Watershed Manager

RECOMMENDATION

It is recommended that the SAWPA Commission receive and file this information report on the Regional Water Quality Monitoring Task Force and its effort to replace tabular quarterly reports with an online data reporting dashboard.

DISCUSSION

The stakeholders of the Regional Water Quality Monitoring Task Force have approved a proposal for a no-cost change order with CDM Smith to develop an online dashboard. This online dashboard replaces tabular quarterly reports and provides Regional Board staff access to the complete record of regional bacteria data and more robust analyses of the data to create lasting knowledge of watershed conditions and compliance for stakeholders.

The dashboard includes an interactive graphical user interface that provides critical data-driven information and incorporates complex plots and maps to support analyses of data. It will be hosted on the SAWPA website and maintained by CDM Smith through the Regional Water Quality Monitoring Task Force.

BACKGROUND

As part of the Regional Bacteria Monitoring Program (RBMP), the Task Force has submitted to the Regional Board quarterly PDF reports with tabular water quality data summaries. This quarterly reporting was not specifically required as part of the Basin Plan Amendment or Comprehensive Bacteria Reduction Plans (CBRPs), but was provided to help Regional Board staff, as well as, Task Force stakeholders stay better informed over the course of the year. These simple tabular summaries provided an assessment of conditions and compliance at individual sites, but do not provide intuitive access to historical data to contextualize current data or facilitate comparison of data across sites and reporting periods.

On March 16, 2021, the project consultant, CDM Smith submitted a proposal to transition from the current quarterly PDF reports to an online dashboard that provides Regional Board staff access to the complete record of regional bacteria data and more robust analyses of the data to create lasting knowledge of watershed conditions and compliance for stakeholders. The dashboard will include an interactive graphical user interface that provides critical data-driven information and will incorporate complex plots and maps to support analyses of data.

On April 19, 2021, the stakeholders of the Regional Water Quality Monitoring Task Force (Task Force) approved a proposal for a no-cost change order to the agreement with CDM Smith to develop an online dashboard to referred to as the Santa Ana Regional Monitoring Program Data Viewer.

CRITICAL SUCCESS FACTORS

SAWPA has a strong reputation as watershed-wide, knowledgeable, neutral and trusted facilitator, leader, and administrator of contracted activities.

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

Report and use results of roundtable's work, leverage information and involvement for the benefit of SAWPA, its members, and other stakeholders.

Adequate professional staff and resources to effectively provide facilitation, management, administrative and technical support to collaborative work efforts.

RESOURCE IMPACTS

The Regional Water Quality Monitoring Task Force FY 2021-22 Budget provided a budget of \$356,845 to conduct the Santa Ana River Regional Bacteria Monitoring Program. There were no new consultant costs associated with the preparation of the on-line dashboard. All staff time for this effort was charged to the Regional Water Quality Monitoring Task Force budget and funded by the Task Force Stakeholders

Attachments:

1. PowerPoint Presentation

Regional Water Quality Monitoring Task Force

Santa Ana Regional Monitoring Program Data Viewer

**Rick Whetsel, Senior Watershed Manager
SAWPA Commission | September 21, 2021
Item No. 6.D.**



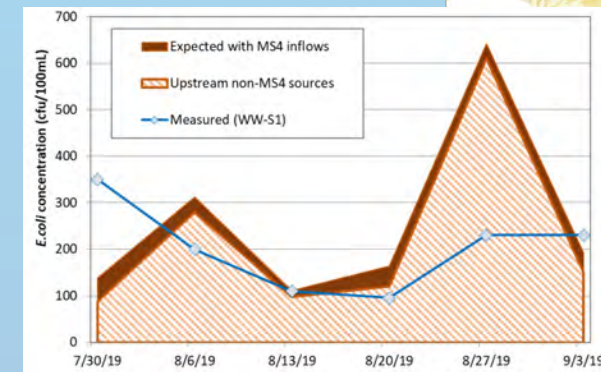
Recommendation

It is recommended that the Commission receive and file this information report on the Regional Water Quality Monitoring Task Force and its effort to replace tabular quarterly reports with an online data reporting dashboard.

Regional Water Quality Monitoring Task Force

Scope of Activities

- Implements a coordinated regional surface water quality (bacteria) monitoring program:
 - Meet the requirements of the Basin Plan Implementation Plan bacterial indicator monitoring requirements
 - Support consolidation and standardization of regional programs such as the Middle Santa Ana River Bacteria TMDL
 - Annual reporting to Regional Board (June)
- Assist Regional Board with future triennial reviews and future amendments of the Basin Plan



History / Timeline

Stormwater Quality Standards Task Force

- **May 2003** – SAWPA approved Agreement
- **June 2012** – Regional Board adopts Basin Plan Amendment Revising Recreation Standards for Inland Freshwaters
- **April 2015** – EPA Approves Basin Plan Amendment Revising Recreation Standards for Inland Freshwaters

Middle Santa Ana River Pathogen TMDL Task Force

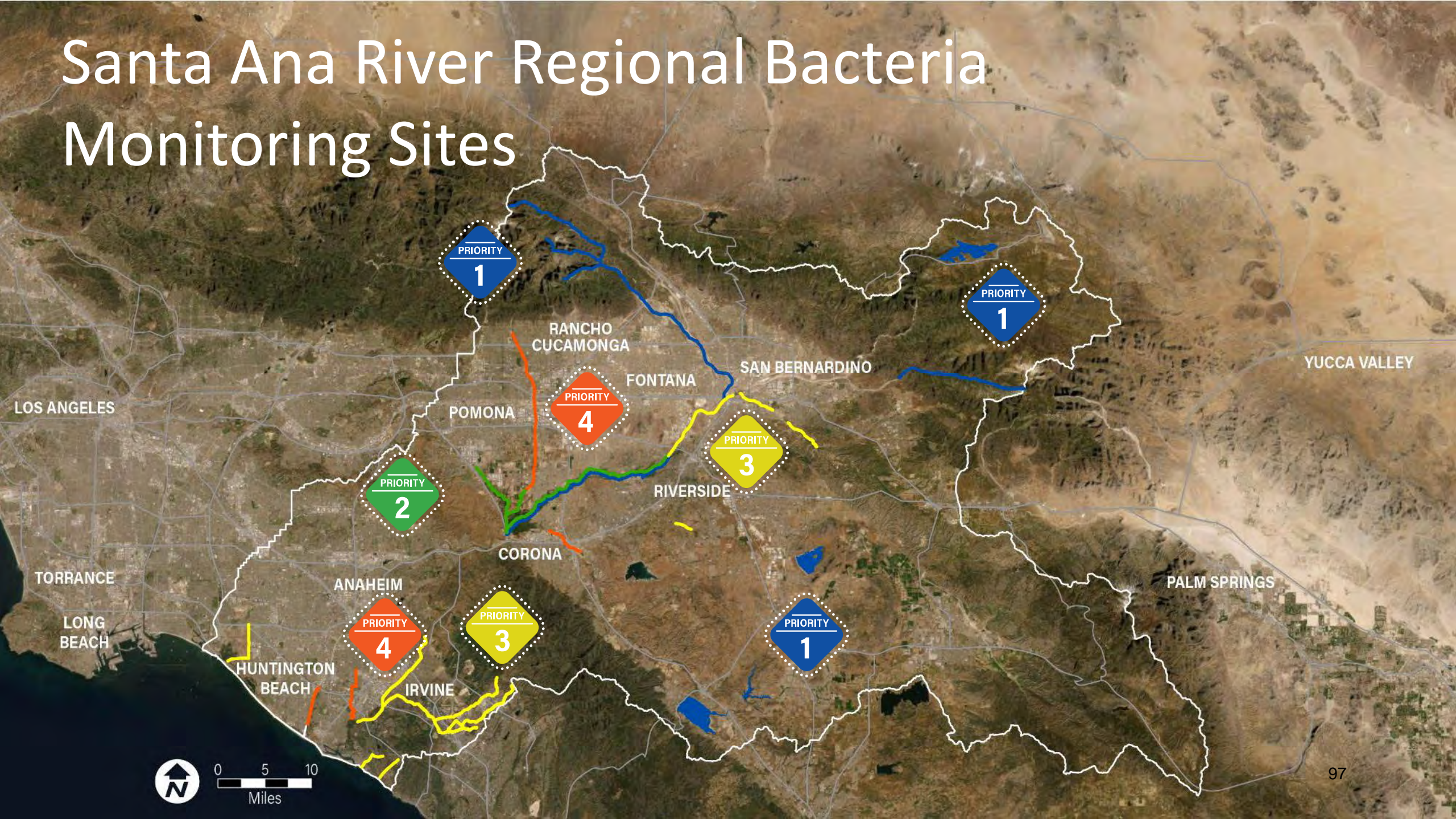
- **January 2006** – SAWPA approved Agreement
- **May 2007** – EPA Approves MSAR TMDLs

Regional Water Quality Monitoring Program

- **March 2016** – Regional Board approves Santa Ana Watershed Bacteria Monitoring Program and Quality Assurance Project Plan reflecting a need for a new Task Force
- **May 2016** – Regional Water Quality Monitoring Task Force Implements Santa Ana River Regional Bacteria Monitoring Program



Santa Ana River Regional Bacteria Monitoring Sites



Funding Partners

Regional Water Quality Monitoring Task Force

- County of Orange
- Riverside County Flood Control & Water Conservation District
- San Bernardino County Flood Control District

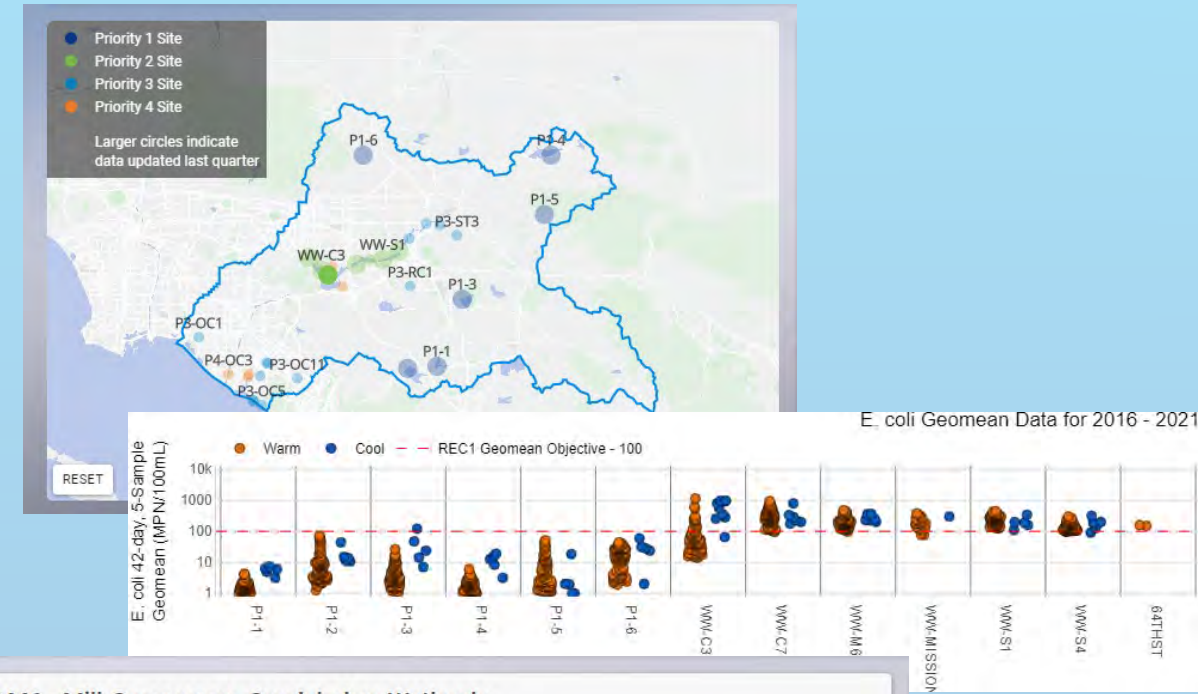
Middle Santa Ana River Bacteria TMDL Task Force

- San Bernardino County Flood Control District representing the Cities of
 - Cities of Chino, Chino Hills, Fontana, Montclair, Ontario, Rancho Cucamonga, Rialto, and Upland
- County of Riverside
- City of Claremont
- City of Corona
- City of Norco
- City of Pomona
- City of Riverside
- Agricultural Operators represented by Chino Basin Watermaster Agricultural Pool



Santa Ana Regional Monitoring Program Data Viewer


- No additional cost effort by CDM Smith
- Replaces tabular quarterly reports with on-line data dashboard
- Includes complete record of regional bacteria data
- Provides more robust analyses of the data to demonstrate compliance for stakeholders including:
 - interactive graphical user interface
 - complex plots and maps to support analyses of data
- Regional Board supportive of the dashboard tool



WW-M6 - Mill-Cucamonga Creek below Wetlands
Priority 2 Site Waters Subject to an Existing TMDL

Data Inventory
UPDATED LAST QUARTER

Param	E. coli	Enterococcus
Count	157	0
Earliest Date	2016-03-06	N/A
Latest Date	2021-06-30	N/A



EXPLORE FURTHER


SAWPA

Santa Ana Watershed Project Authority
Santa Ana Regional Monitoring Program Data Viewer

An online data viewer and access portal for bacteria data collected in the inland waters of the Santa Ana River watershed. Data are updated quarterly and are submitted to the [CEDEN database](#) after they are uploaded here.

If you would like early access to this tool, you may contact Rick Whetsel at sawpa.org or 951-354-4221 for more information.

Sign In

 sawpa



Remember Me

LOGIN

Recommendation

It is recommended that the Commission receive and file this information report on the Regional Water Quality Monitoring Task Force and its effort to replace tabular quarterly reports with an online data reporting dashboard.

Questions

COMMISSION MEMORANDUM NO. 2021.68

DATE: September 21, 2021

TO: SAWPA Commission

SUBJECT: Santa Ana River Watershed Weather Modification Pilot Program Status Report

PREPARED BY: Mark Norton P.E., Water Resources & Planning Manager
(This item is subject to the provisions of Project Agreement 25)

RECOMMENDATION

Staff recommends that the SAWPA Commission receive and file this status report regarding the authorized ground seeding site selection analysis, CEQA preparation, a Prop 1 Round 2 IRWM grant application preparation for a multi-year pilot scale watershed weather modification program and outside funding outreach support.

DISCUSSION

On April 6, 2021, the SAWPA Commission authorized staff to proceed with the ground seeding site selection analysis, CEQA development, preparations for a watershed wide SAWPA project application for Prop 1 Round 2 seeking 50% grant funding for a multi-year pilot scale watershed weather modification program and seek outside funding to support the program.

Since that time, staff issued a task order for \$14,500 with North American Weather Consultants (NAWC) to conduct the ground seeding site analysis for 16 potential ground seeding sites in the watershed.

On July 15, 2021, staff released a Request for Proposals to conduct the CEQA mitigated negative declaration for the Santa Ana River Watershed Weather Modification Pilot program. Four proposals were received and rated/ranked by a consultant review committee composed of SAWPA staff and two SAWPA member agency CEQA experts. From the four proposals, the top three ranked firms will be interviewed in late September and a firm will be recommended for conducting this work and brought to the SAWPA Commission approval in early October 2021. The CEQA work is expected to take 6-9 months. Funding for this work, approximately \$61,500, is budgeted and will come from SAWPA Planning carryover funds from FY 20-21.

Some work has commenced by staff to prepare project information about the Santa Ana River Watershed Weather Modification Pilot program so that it will be ready to be submitted when the OWOW Call for Projects opens later this year for Proposition 1 Round 2 IRWM Implementation grant funding. If successful, the grant program could cover 50% of the pilot program.

SAWPA staff has also been conducting extensive outreach with water agencies and other businesses that could benefit from the weather modification program to determine interest in helping to fund the pilot program. Over 20 agencies and organizations have been contacted and presentations about weather modification are being scheduled. After informational presentations are made, requests for cost sharing funding for the pilot program will be made. Commitments for local cost share match are not anticipated to be needed until Jan-Feb. 2022.

Staff has also been preparing a list of Frequently Asked Questions to address any concerns about the effectiveness and safety of the program. An informational brochure about the pilot program is also being prepared internally by staff.

The next steps will be to complete the ground seeding site selection analysis by NAWC, to bring back a general services agreement and task order to the SAWPA Commission to conduct the CEQA analysis, continue preparations for the Prop 1 Round 2 IRWM grant funding and continue outreach and solicitation for outside funding to support the pilot program.

CRITICAL SUCCESS FACTORS

- Successful implementation of an integrated regional water resource plan that reflects the watershed management needs of the public and the environment.
- Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

The CEQA program and ground seeding site analysis for conducting the work has been included in the SAWPA FY 21-22 Budget using surplus carry over funding of \$76,000 available from Fund 370-01. Additional cost share partners who may benefit will be approached in the FY 21-22 which may decrease the member agency share for the grant funded project.

Attachments:

1. PowerPoint Presentation



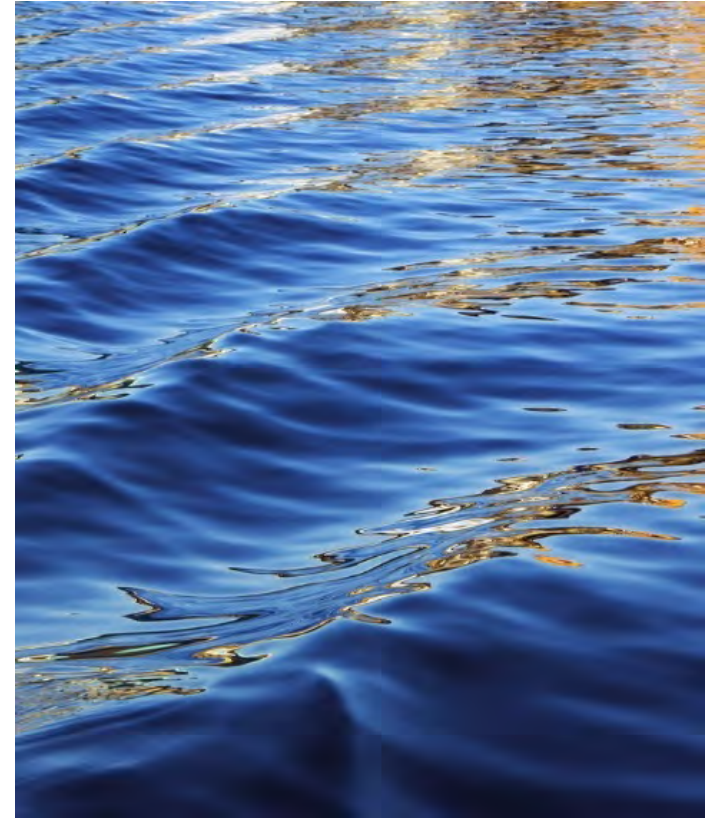
Santa Ana River Watershed Weather Modification Pilot Program Status Report

Mark Norton, Water Resources & Planning Mgr.
Santa Ana Watershed Project Authority
Item No. 6.E.





Review & Background



Cloud Seeding Mechanisms



Ground Based Seeding Methods



CNG's (Cloud Nuclei Generators)

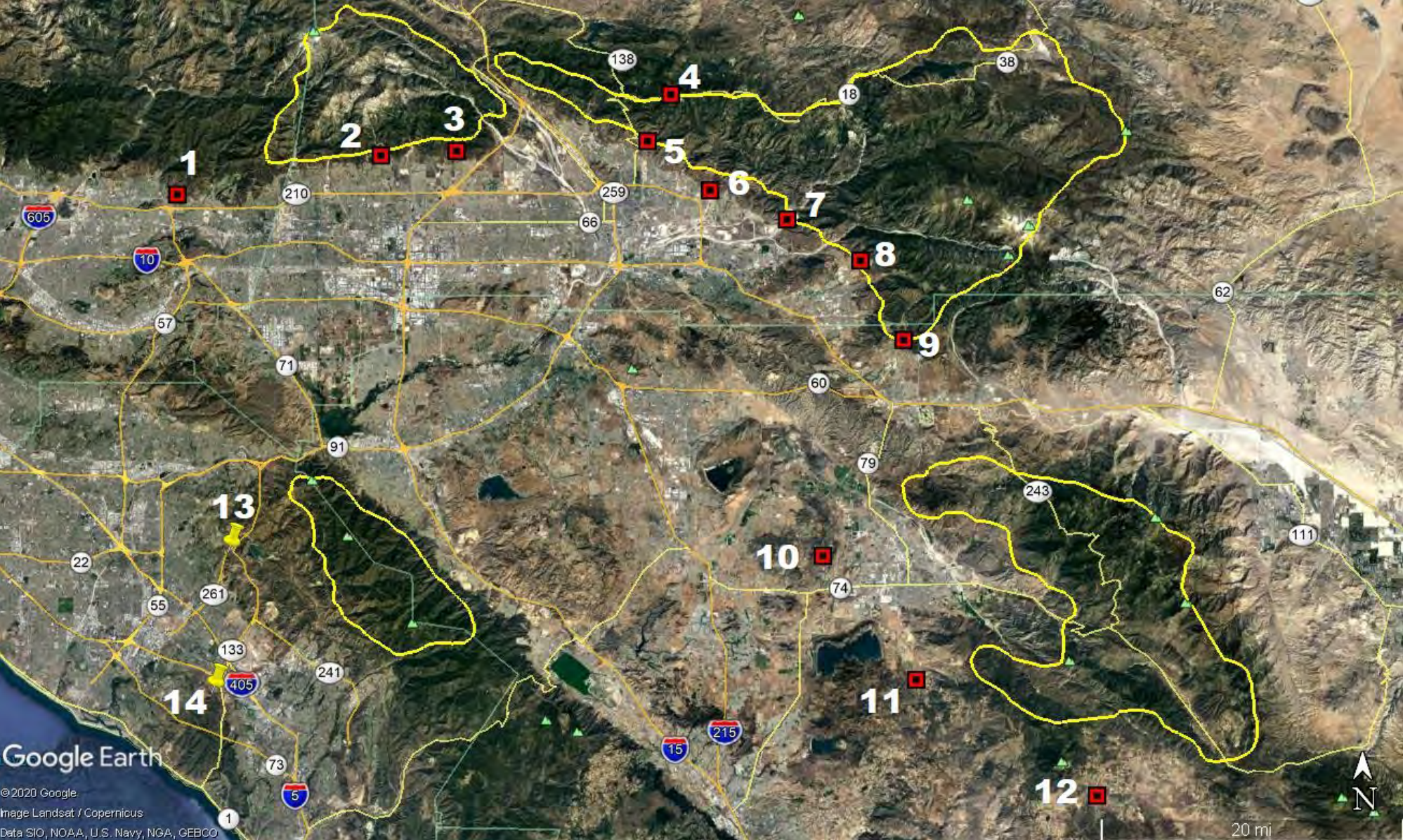
- Ideal for orographic lift (movement of air over mountain barriers)
- Create a continuous plume
- Inexpensive to install and operate

AHOGS (Automated High Output Ground Seeding) Systems

- Deliver a higher concentration of Silver Iodide – rapid release
- Operated remotely
- Ideal for storms with convective attributes (turbulence)

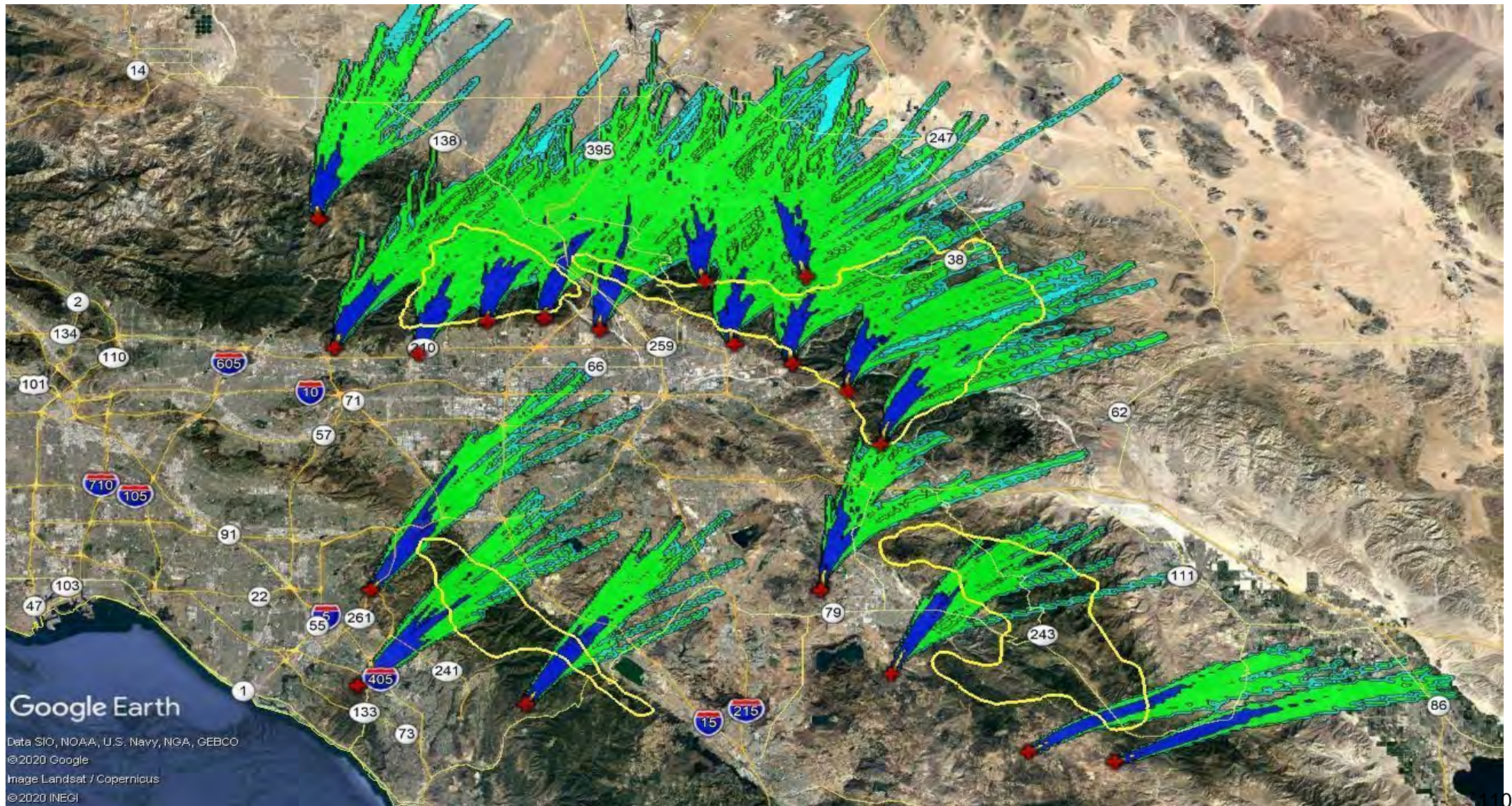


Refined – Ground Seeding Sites



Yellow Pins = AHOGS
Red Bullseyes = CNG's

Ground Based Seeding Dispersion Model



Total Average Annual Projected Increases

Ground Only Seeding

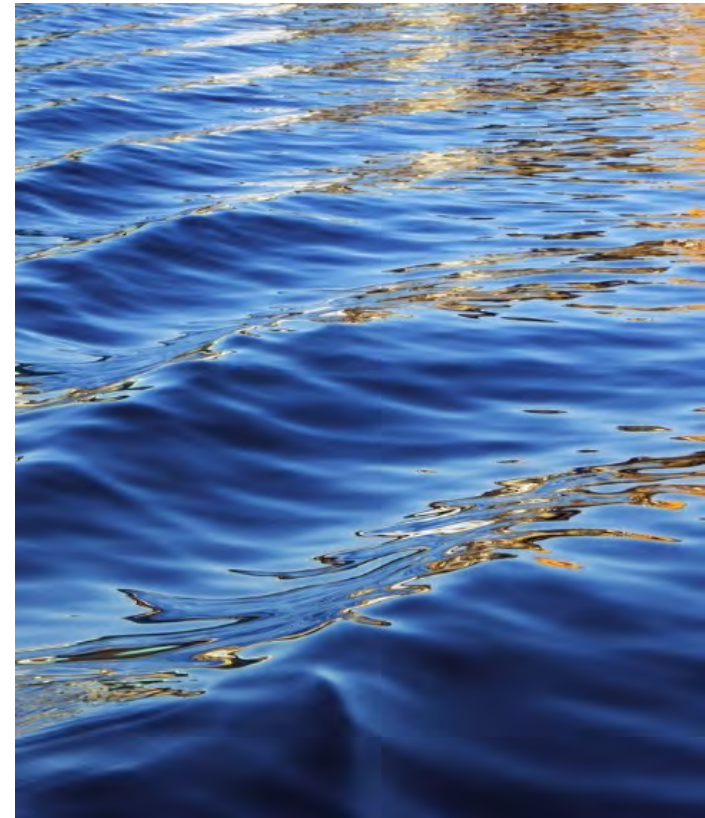
Target Area	Seasonal Precip. Increase (inches)	Percent Increase	Avg. Natural Streamflow (AF)	Streamflow Increase (AF)	Percent Increase
NW	0.41	3.5%	25,000	2,043	8.2%
NE	0.49	4.1%	65,000	4,330	6.7%
SW	0.59	3.7%	5,000	447	9.0%
SE	0.49	4.5%	10,000	1,373	13.7%
TOTAL w/ Ground Only			105,000	8,193	7.8%

With Aerial Support in the NE Target*

Target Area	Seasonal Precip. Increase (inches)	Percent Increase	Avg. Natural Streamflow (AF)	Streamflow Increase (AF)	Percent Increase
NW	0.41	3.5%	25,000	2,043	8.2%
NE*	0.89	7.3%	65,000	7,772	12.0%
SW	0.59	3.7%	5,000	447	9.0%
SE	0.49	4.5%	10,000	1,373	13.7%
TOTAL			105,000	11,635	11.1%



Suspension Criteria



Cloud Seeding Suspension Criteria



National Weather Service (NWS)

- Whenever the NWS issues a severe storm, precipitation, flood warning or flash flood warning that affects any of the target areas, the project meteorologist will suspend operations for parts or all of the program.

Southern Target Areas

- Due to concerns related to infrastructure, consultant suggests suspending operations when:
 - Hourly precipitation is forecasted to exceed 0.5 or 0.7 inches
 - 24-hr precipitation totals are forecasted to exceed 2-3 inches.
 - Thresholds correspond to events that occur on average once every 2-5 years.

Cloud Seeding Suspension Criteria

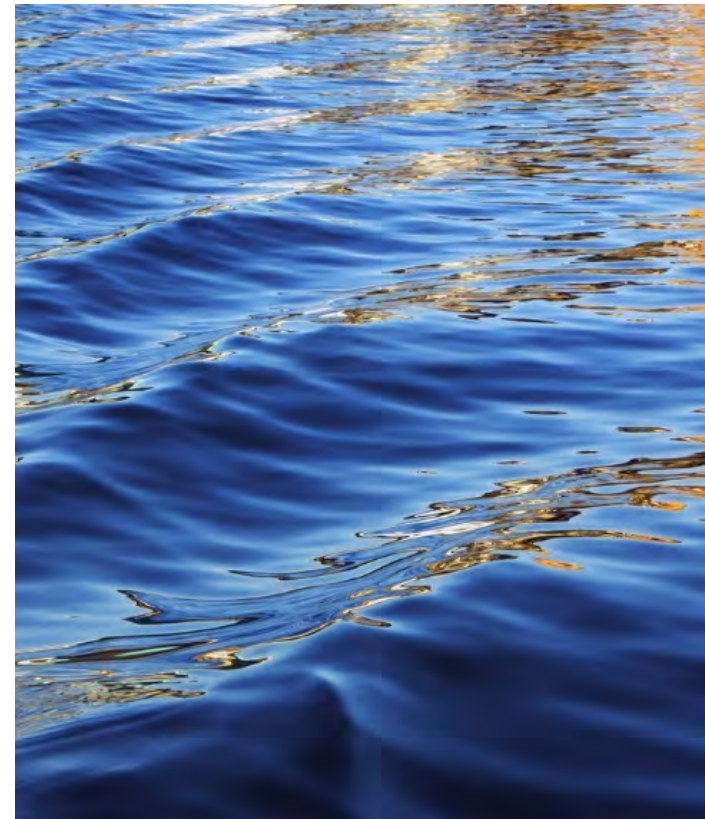
Forest Fires

- Considerations
 - Size
 - Location
 - Vegetation
 - Soil Attributes (glassing)
 - Flood Risk
 - Debris Flow





Technical Feasibility



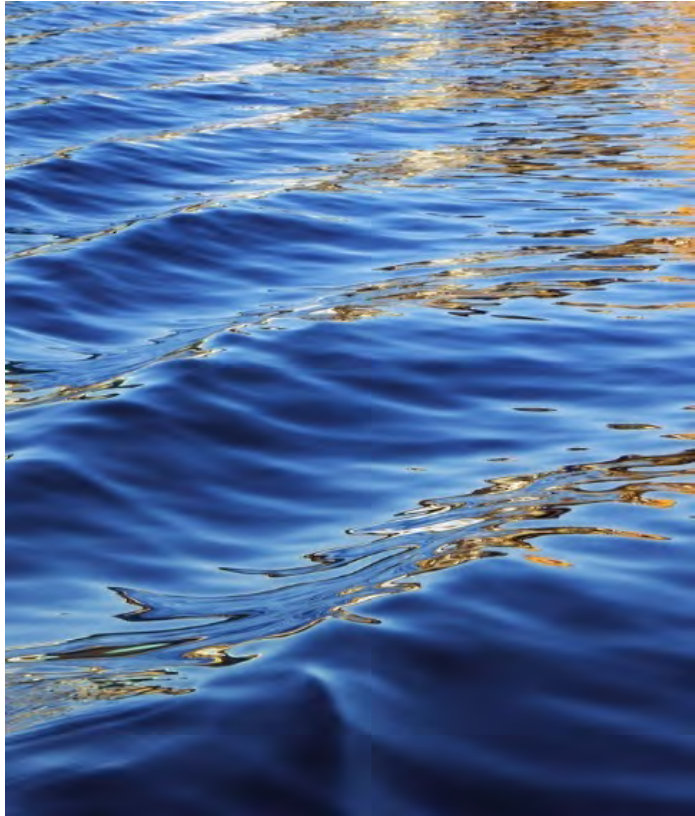


Technical Feasibility

- Considerations included:
 - Results obtained from previous winter research and operational cloud seeding programs (i.e., scientific data).
 - Detailed climatology review of the region, including storm attributes and atmospheric behavior
 - Watershed geographical and topographical attributes
 - Equipment requirements and possible siting locations
- Feasibility Report Finding:
 - *A program in the Santa Ana Watershed following the proposed design in the feasibility report is technically feasible.*



North American
Weather Consultants





Economic Feasibility and Cost Effectiveness

Economic Feasibility



- General Recommendation:
 - “Guidelines for Cloud Seeding to Augment Precipitation” (ASCE, 2016)
 - Minimum **benefit to cost ratio of 5:1** to justify economic feasibility based on a positive return due to natural seasonal variability
- California Seasonal Variability Recommendation:
 - Due to high seasonal variability, a **10:1 benefit to cost ratio** can accommodate drier seasons
- Assumptions:
 - Costs were compared to untreated and unpressurized imported water reflecting an average watershed wide value of **\$255 per acre-foot** (a conservative assumption)
 - For aerial component, use a **multiplier of 0.9** to the project yield to account for missed flight opportunities (a conservative assumption)

Estimate for Pilot – Ground Based Seeding Only

	Rate	Frequency	
Annual Operations			
Set Up	\$ 33,500	1	\$ 33,500
Take Down	\$ 24,000	1	\$ 24,000
Reporting	\$ 10,000	1	\$ 10,000
Monthly Operations			
Fixed Services	\$ 24,500	5	\$ 122,500
Variable Items (timed expenses are billed on a per hour basis)			
Ground Flares	\$ 110	60	\$ 6,600
Generator Run Time	\$ 19.50	600	\$ 11,700
Flight Time	\$ 375	N/A	-
Aerial Flares	\$ 110	N/A	-
TOTAL			\$ 208,300
COST PER ACRE-FOOT			\$ 25.42
Benefit to Cost			10.03

Cost per acre-foot (AF) =
 Total Program Cost / Estimated AF produced
\$208,300 / 8,193 AF (slide 7) = \$25.42 per AF

Benefit to Cost Ratio =
 Cost of Untreated Imported Water per AF /
 Cost of Cloud Seeding per AF

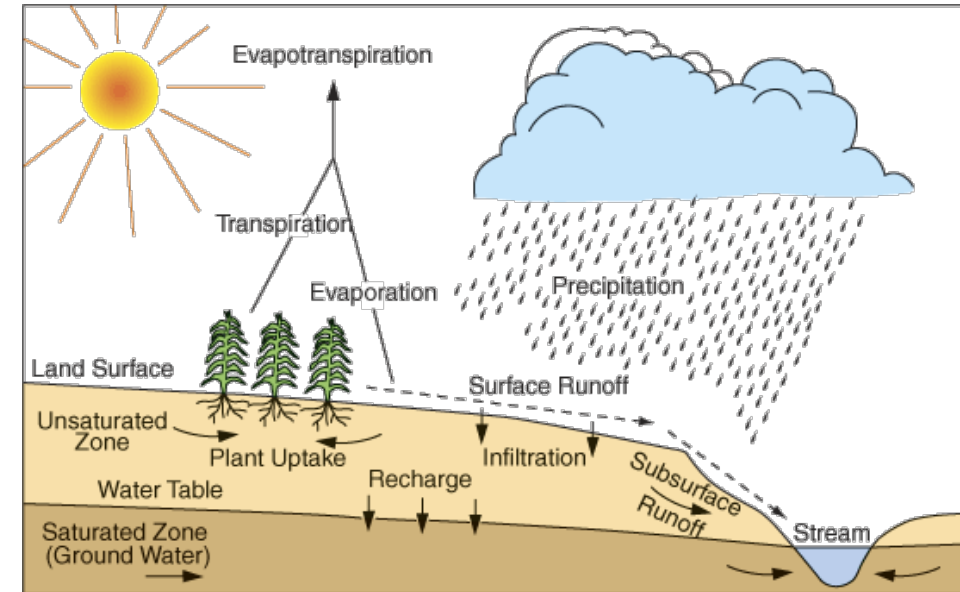
\$255 per AF / \$25.42 = 10.03



* Additional Validation & Effectiveness Costs for Pilot are not reflected

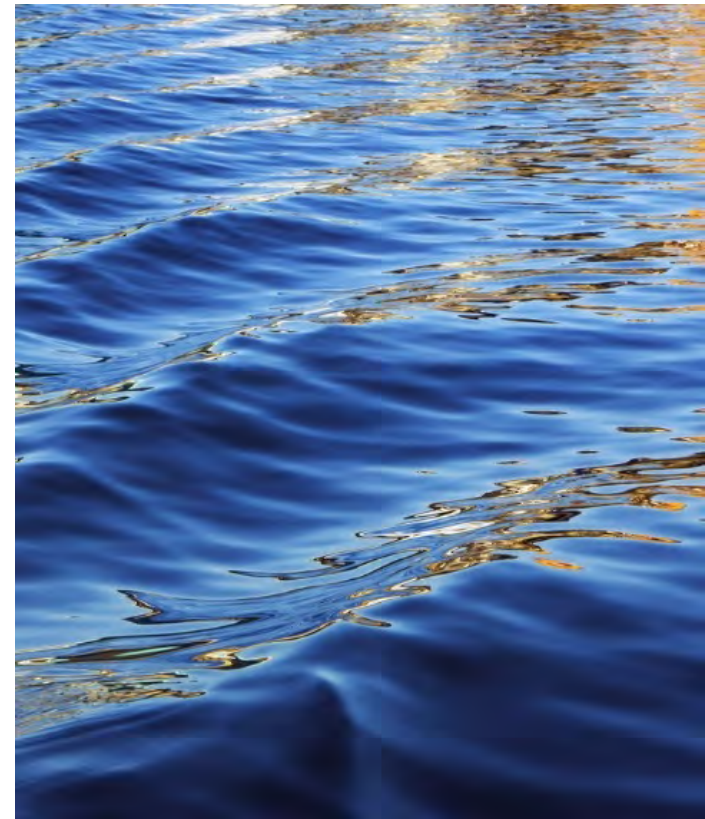
Value to Watershed

- Estimated cost of water: **\$25.42 per AF**
 - Based on cost of \$208,300 and 8,192 AF produced
- 8,193 AF equates to a value of **\$2.1 million** based on imported water costs (\$255 per AF)
- Equate to a **benefit to cost ratio of >10**
- Benefits:
 - More water recharged into groundwater basins, or
 - Reduction in buying imported water for recharge
- Consideration:
 - A SAWPA Prop 1 IRWM Round 2 grant application for the pilot would reduce costs for the multi-year pilot program (based on 50% grant – 50% local share)





Next Steps



SAWPA Commission Previously Approved Action (April 6, 2021)



1. Authorize proceeding with the ground seeding site selection analysis and CEQA Development in FY 21-22;
2. Authorize staff to prepare a watershed wide SAWPA project application for Prop 1 Round 2 seeking 50% grant funding for a multi-year pilot scale watershed weather modification program; and
3. Direct staff to perform outreach to seek additional funding partners

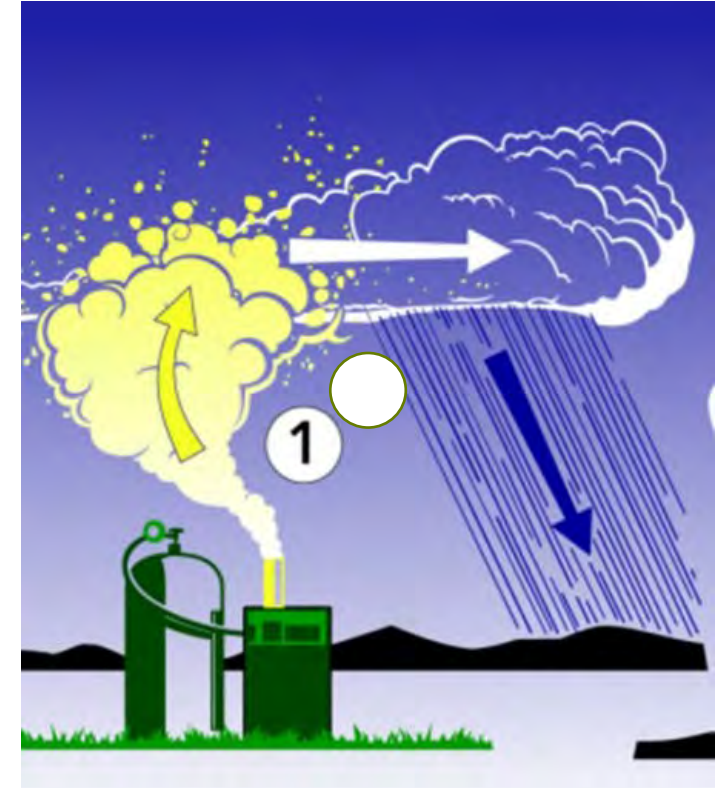
Ground Seeding Locations Analysis Status

Consultant: North American Weather Consultants

Cost: \$15,400

Providing all personnel, equipment, and services to:

- Select locations for ~16 ground seeding sites
- Contact public water agencies to ensure that operations from the location are feasible
- If a site cannot be located within a 2-mile radius of the designated location in feasibility study, consultant will identify replacement sites
- Prepare a project summary report detailing the locations identified by consultant



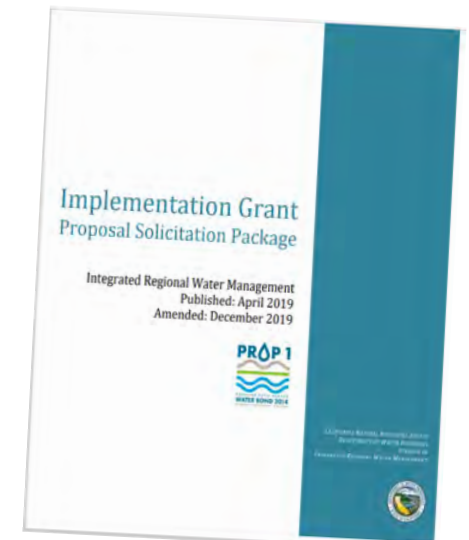
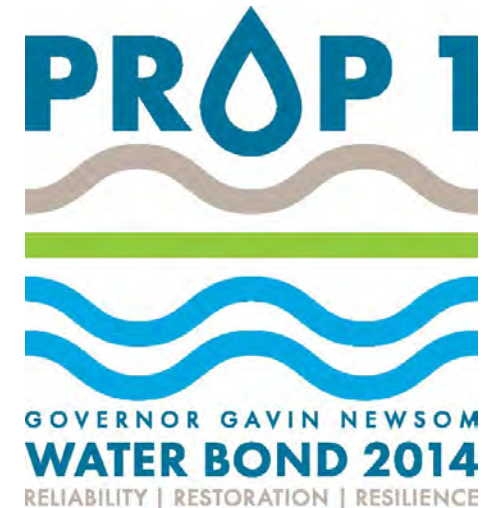
California Environmental Quality Act – Mitigated Negative Declaration Analysis - Status

- July 15, 2021: Request for Proposals released
- August 26, 2021: Four proposals received
- Consultant Proposal Review Panel composed of:
 - SAWPA staff
 - OCWD CEQA expert
 - EMWD CEQA expert
- Last week of September 2021: Interviews scheduled
- October 19, 2021: General Services Agreement and Task Order will to be brought to the SAWPA Commission
- North American Weather Consultants will assist CEQA consultant to provide context, feedback and basic assistance.



Proposition 1 Round 2 IRWM Implementation Grant Application - Status

- SAWPA staff is waiting for Proposal Solicitation Package (PSP) for this round of grant funding from DWR
- Next Steps:
 1. OWOW Steering Committee and SAWPA Commission approves selection criteria
 2. SAWPA completes Call for Projects submittal for Weather Modification Pilot.
 3. Update Pilot program costs to reflect validation of effectiveness
 4. Seek 50% local share commitment to match 50% grant request by Jan-Feb. 2022
- Typically, DWR does not require completion of pilot CEQA until 18 months after grant



Outside Funding and Outreach- Status

- 20+ water agencies and other organizations contacted and provided initial information
- Several water agencies have requested more information and presentations to their governing boards
- SAWPA staff will be provide presentations as needed
- Request for funding assistance will be made taking into consideration potential benefit
- Additional outreach material under development:
 - Brochures
 - Frequently Asked Questions (FAQ)



Recommendation

- Staff recommends that the SAWPA Commission receive and file this status report regarding the authorized ground seeding site selection analysis, CEQA preparation, a Prop 1 Round 2 IRWM grant application preparation for a multi-year pilot scale watershed weather modification program and outside funding outreach support

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COMMISSION MEMORANDUM NO. 2021.69

DATE: September 21, 2021
TO: SAWPA Commission
SUBJECT: Headwaters Resiliency Partnership Overview
PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

Receive and file.

DISCUSSION

Approximately 30% of the land area in Santa Ana River Watershed is under Federal jurisdiction and nearly 90% of these lands are managed by the Forest Service. Most of these lands are found in the San Bernardino and Cleveland National Forests. As major catastrophic wildfires in 2003, 2013 and 2018 fires demonstrated, management decisions made on the forest have a direct impact on the quality and quantity of water available for use downstream. Beginning in 2011 with the execution of the first MOU between the two national forests in this watershed, SAWPA has implemented the Forest First Program in partnership with the San Bernardino and Cleveland National Forests.

Beginning in late 2020, San Bernardino Valley Municipal Water District (SBVMWD) in partnership with other entities such as the San Bernardino National Forest, Inland Empire Resource Conservation District, National Forest Foundation, and SAWPA, have worked to establish a task force-style partnership focused on the Santa Ana River Watershed's headwaters. Referred to as the Headwaters Resiliency Partnership (Partnership), possible priority issues have included supporting activities like fuels reduction and wildfire prevention; community preparation for wildfire response; ecological health and function of the headwater streams; native species habitat, including minimum flow and aquatic organism passage; and promoting education and responsible recreation on our public forest lands. The draft Partnership boundary includes the San Bernardino National Forest boundary including the San Bernardino Mountains, the Cajon Pass Area, and Mount San Jacinto area. Some of the areas extend outside of the Santa Ana River Watershed, SAWPA's service area.

To date, SBVMWD has led monthly planning meetings and a stakeholder workshop to receive input of what should be included in scope of the Partnership's activities. SBVMWD and SAWPA have discussed ways SAWPA can also contribute in-kind staff time to the Partnership as SBVMWD currently leads the facilitation of the effort. Similar to SAWPA's role as a task force administrator for task forces such as the Basin Monitoring Program and the Santa Ana Sucker Conservation Team, SAWPA could lead tasks 1 and 6 listed in the draft Partnership scope below.

Table 1: Draft Partnership Scope

#	Task Description
1	Partnership agreement management and invoicing
2	Develop Long-Term Resiliency Plan
3	Review existing programs, plans and protocols
4	Historical ecology study
5	Community engagement and education
6	Funding plan
7	Staffing augmentation (consultants, SBVMWD project management)
8	Monitoring and reporting program (environmental conditions)
9	Prioritization analysis
10	Compliance program (CEQA/NEPA/Permits)
11	Restoration and adaptive management
12	Research list

If the Commission is supportive, SAWPA can present the staff time and associated costs related to these two tasks at a future Commission meeting, as well as possible sources of funding for this work. At that meeting, the Commission could formally ratify SAWPA’s participation in the Partnership.

BACKGROUND

Under the initial 2011 MOU with the Cleveland and San Bernardino National Forests, the following major Forest First Program activities were completed (note that year completed is shown in parenthesis):

- The Forest First Program completed the study Valuation of Benefits of Forest Management Practices in the Santa Ana Watershed (2012);
- The San Bernardino National Forest acquired a \$1 million Proposition 84 Round 2 Integrated Regional Water Management (IRWM) grant (2014);
- The Forest First Program acquired the assistance of UC Irvine researcher Dr. Michael Goulden to evaluate the water supply benefit of the Round 2 Project (2014);
- SAWPA consulted with the San Bernardino National Forest and the U.S. Department of Agriculture to demonstrate the on-site conversion of woody debris to biomass (2015)

Under the second MOU, executed in 2017, the major Forest First Program activities were completed (note that year completed is shown in parenthesis):

- SAWPA coordination with Blue Forest Conservation and other potential partners such as flood control district and City of Lake Elsinore (2017),
- The Cleveland National Forest Project was successful in receiving \$497,000 in Proposition 1 Round 1 IRWM grant funding for the Santa Ana Mountain Fuel Break (2020), and
- SAWPA continues to coordinate with the National Forest Foundation and San Bernardino National Forest (Ongoing).

CRITICAL SUCCESS FACTORS

- Report and use results of roundtable's work, leverage information and involvement for the benefit of SAWPA, its members, and other stakeholders.
- Clear upfront criteria and terms for completing or transitioning efforts that have been successfully established or completed.
- SAWPA has a strong reputation as watershed-wide, knowledgeable, neutral and trusted facilitator, leader, and administrator of contracted activities.

RESOURCE IMPACTS

None presented at this time. At a future Commission meeting, staff will present the staff related costs and time necessary to partner with SBVMWD on this effort.

Attachments:

1. Commission PowerPoint Presentation

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Headwaters Resiliency Partnership Overview

Ian Achimore | Senior Watershed Manager

Commission Meeting | Agenda Item 6.F.

September 21, 2021

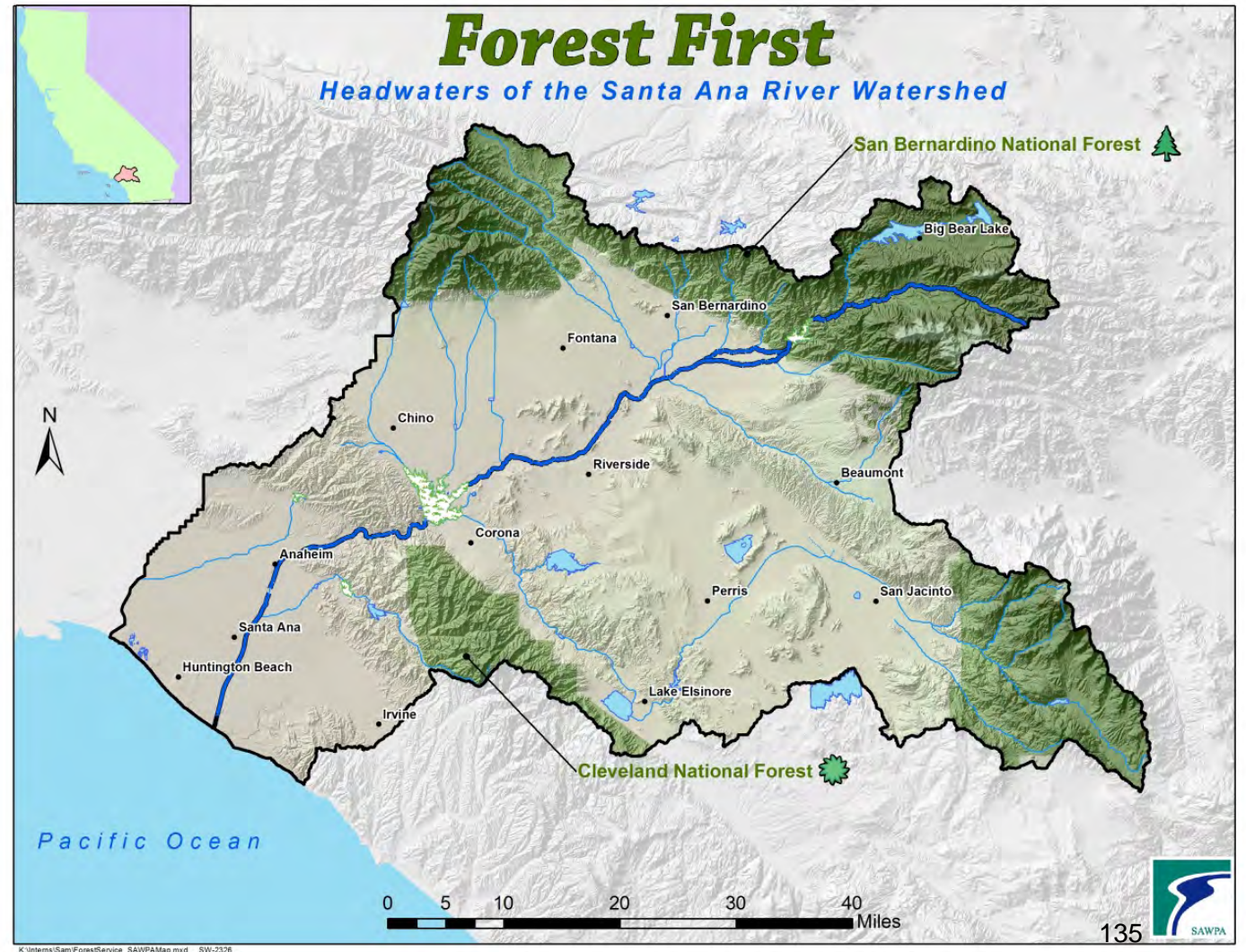


Overview of Presentation

- ▶ Background on SAWPA Forest First Program,
- ▶ Headwaters Resiliency Partnership and SBVMWD, and
- ▶ Possible partnership role for SAWPA.

Background

- ▶ Approximately 30% of watershed managed by U.S. Forest Service,
- ▶ Estimated that 90% of the annual precipitation falls on headwaters, and
- ▶ This data led to the creation of the Forest First program in 2011 with the signing of the first Forest First MOU with the Cleveland and San Bernardino National Forests.

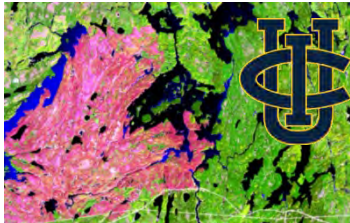




Actions Under 2011 MOU



- ▶ *Valuation of Benefits of Forest Management Practices in the Santa Ana Watershed (2012);*



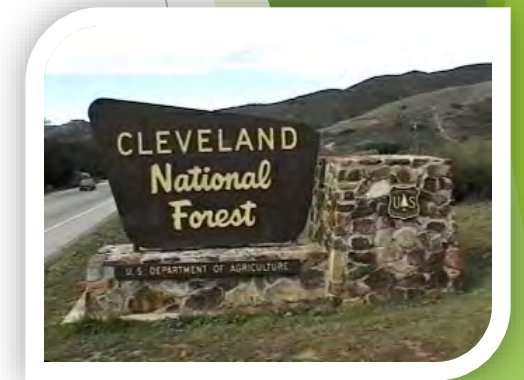
- ▶ San Bernardino National Forest's success in acquiring a \$1M Prop 84 Round 2 grant (2014);
- ▶ Acquiring the assistance of UC Irvine researcher Dr. Michael Goulden to evaluate the water supply benefit of Round 2 Project(2014);



- ▶ Coordinating with the San Bernardino National Forest and the U.S. Department of Agriculture to demonstrate the on-site conversion of woody debris to biomass

Actions Under the 2017 MOU

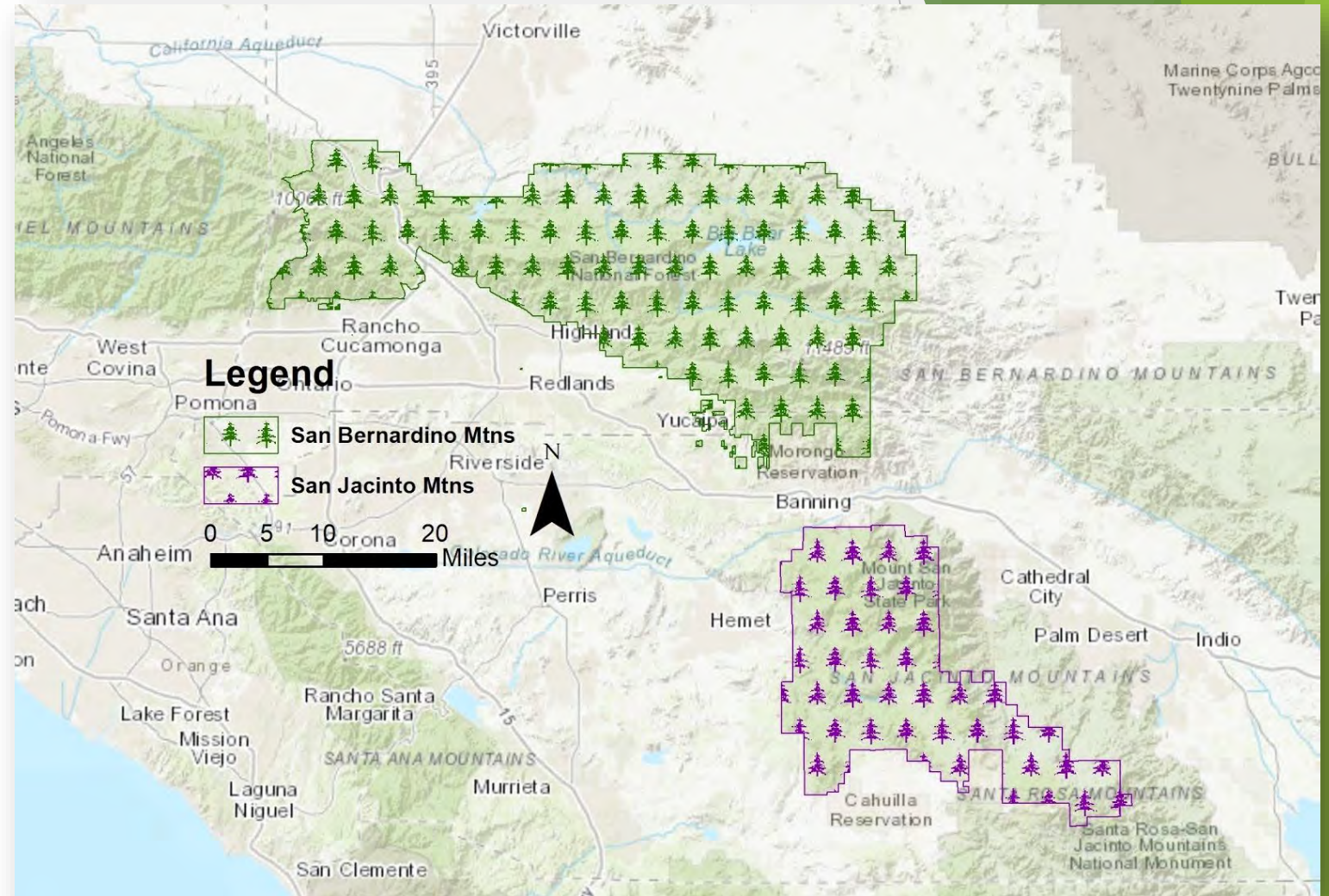
- ▶ Coordination with Blue Forest Conservation and other potential partners such as flood control district and City of Lake Elsinore (2017),
- ▶ Cleveland National Forest Project - Santa Ana Mountain Fuel Break acquired \$497k in Prop 1 Round 1 grant funding (2020), and
- ▶ Coordination with the National Forest Foundation and San Bernardino National Forest (Ongoing).





Draft Partnership Boundary

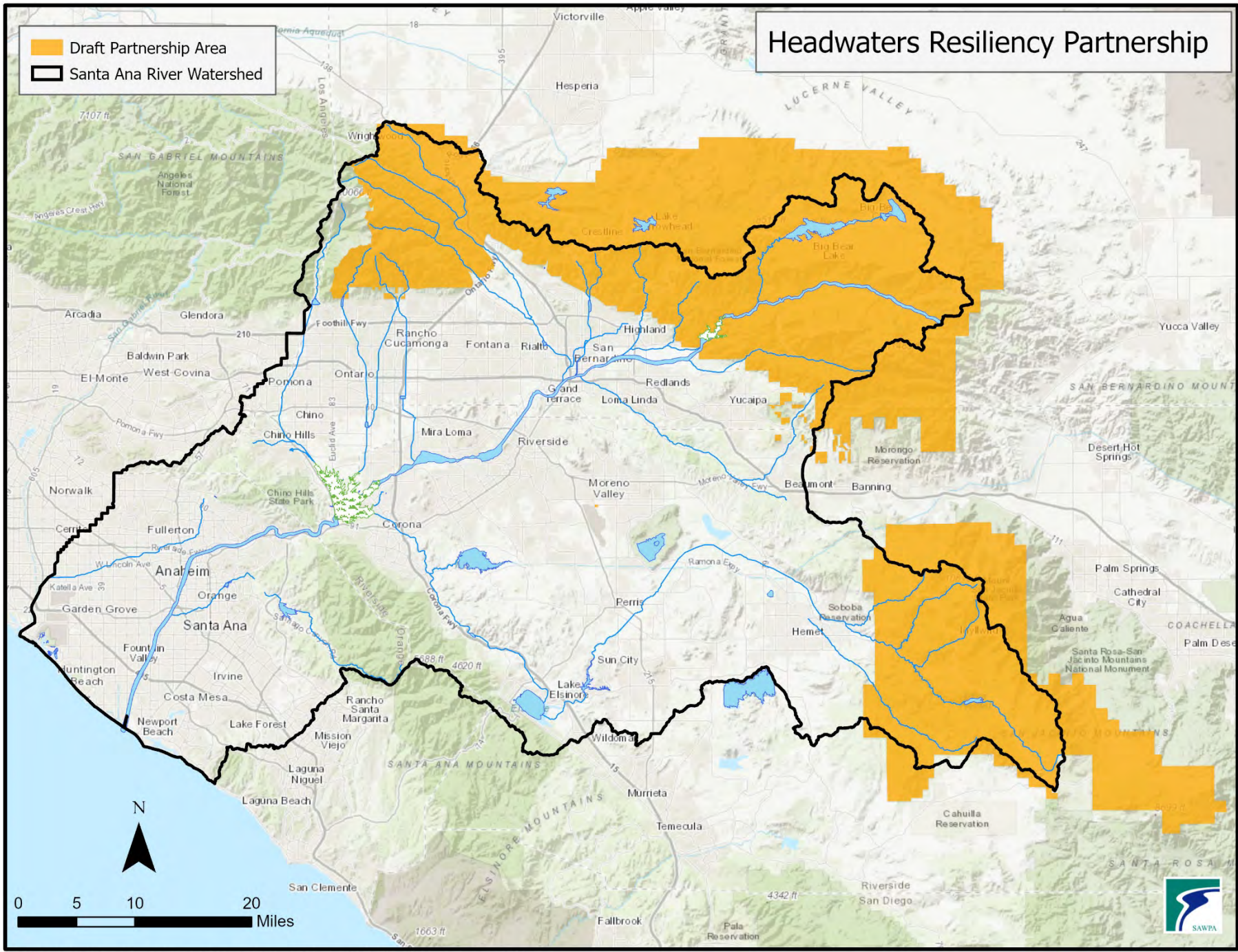
Headwaters Resiliency Partnership

- ▶ Initiative led by SBVMWD that began in late 2020, and
- ▶ Focused on making forests resilient to various threats such as drought and catastrophic fire.



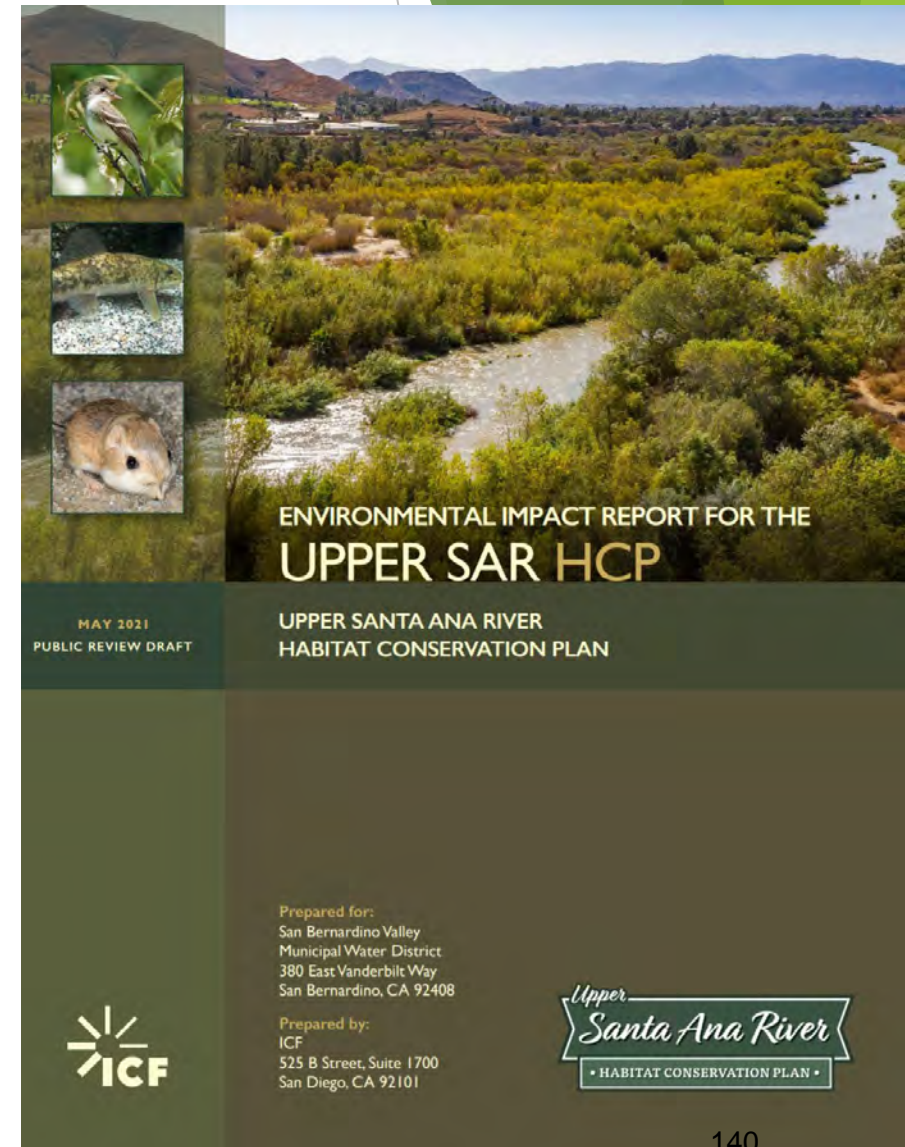
Headwaters Resiliency Partnership

-  Draft Partnership Area
-  Santa Ana River Watershed

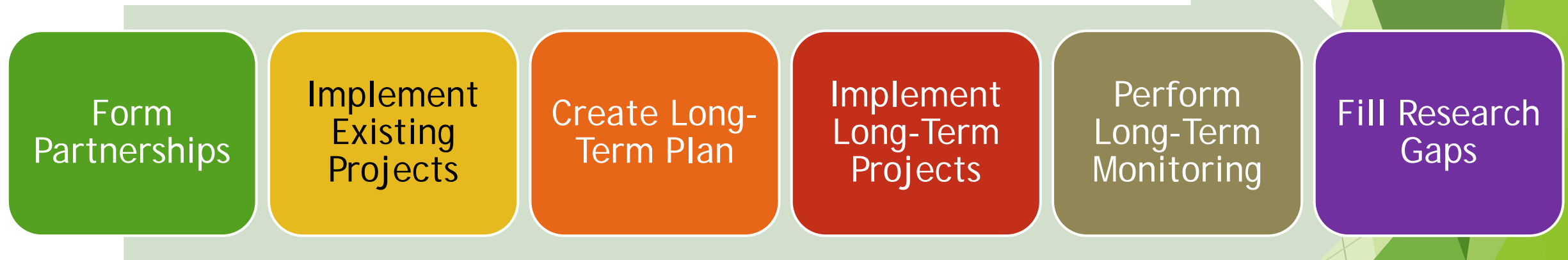


SBVMWD and Need for Headwaters Management

- ▶ \$450 million of groundwater recharge projects within Upper Santa Ana River (SAR) Habitat Conservation Plan,
- ▶ Watershed needs to be protected and improved, and
- ▶ Many sub-watersheds within Upper SAR Watershed are characterized as “impaired.”



Major Activities of the Headwaters Resiliency Partnership Under Discussion



Headwater Resiliency Partnership Entities Working Closely on Initial Stakeholder Workshop



Draft Work Plan for Partnership



#	Task Description
1	Partnership agreement management and invoicing
2	Develop Long-Term Resiliency Plan
3	Review existing programs, plans and protocols
4	Historical ecology study
5	Community engagement and education
6	Funding plan
7	Staffing augmentation (consultants, SBVMWD project management)
8	Monitoring and reporting program (environmental conditions)
9	Prioritization analysis
10	Compliance program (CEQA/NEPA/Permits)
11	Restoration and adaptive management
12	Research list

- Two possible roles for SAWPA. #1 task is like SAWPA's task force role.
- Consultant could likely be hired (managed by SAWPA) for #6 task.

(Draft) Contents of a Long-Term Resiliency Plan

- ▶ Overall goals and objectives, and a prioritized list of tasks;
- ▶ Identify gaps that need to be filled
 - ▶ Existing programs, plans, priorities, and protocols;
 - ▶ Research;
 - ▶ Permits, compliance documents;
- ▶ A communication and public outreach plan to involve stakeholders
 - ▶ Internal communications;
 - ▶ Public outreach;
 - ▶ Marketing;
- ▶ A historic/existing conditions analysis of program area;
- ▶ A long-term monitoring protocol to track efficacy of projects and prioritize management actions;
- ▶ Compliance planning for CEQA/NEPA, permitting; and
- ▶ A funding strategy to implement and sustain the long-term viability of the program.



Short Term Projects

1. Moonridge,
2. North Big Bear, and
3. Santa Ana Watershed Hazardous Fuels Reduction and Forest Health.



Jenks Lake within the Santa Ana Watershed Project Area

► Information about projects:

- All projects take place primarily on US Forest Service land.
- First two are community protection projects.
- Santa Ana Watershed project is largest at 37,000 acres.

Recent Stakeholder Workshops

Held August 17 and 19, 2021

Agenda:

- 1** Introduction: opening remarks, logistics, shared commitments, agenda **(15 min)**
- 2** Setting the stage: Participants and resource areas of interest **(15 min)**
- 3** Exercise 1: Start at the End - Describe Vision and Common Goals **(25 min)**
- 4** Exercise 2: Idea Generation Around Resiliency Planning **(35 min)**
Resiliency? What is needed to reach it? Key obstacles and challenges
- 5** Share Ideas: Report-out on exercise 2 **(20 min)**
- 6** Closing: Final Reflections & What's Next **(10 min)**

Workshop participants voted on the top 3 goals for resiliency partnership.

The three with the most votes were selected for discussion in the next exercise in the workshop.

Goals	Number of votes
Restore natural fire regimes for climate adaptive and resilient forest	14
Adaptive and effective management	13
Diverse, healthy, fire resilient native ecosystem	9
Single comprehensive management document	5
Protect and increase water resources	3
Community and resident resilience	3
Balance consumption with forest health	2
Sustainable recreation	2

Workshop participants identified various ways they could contribute to the resiliency partnership:



Contribution opportunity	Number of people
Finance	7
Data	3
Human resources	5
Field researchers	3
Community connections	6
Data application tools	1
Institutional collaboration	11

Stakeholder Workshop Participants

San Bernardino Valley MWD

- Heather Dyer
- Joanna Gibson
- Kai Palenscar
- Chris Jones
- Susan Longville
- Kirsten Wallace

Inland Empire RCD

- Susie Kirschner

National Forest Foundation

- Dania Gutierrez
- Brian Robey

Santa Ana Watershed Project Authority

Ian Achimore

San Bernardino National Forest

- Jason Collier

San Bernardino National Forest (continued)

- David Cruz
- Danelle Harrison
- Kay Wiand
- Marc Stamer

Southern California Edison

- Genevieve Cross
- Joel Boggus
- Joseph Williams

California Department of Fish & Wildlife

- Kim Romich
- Edith Martinez

Cal State University San Bernardino

- Jennifer Alford

Chino Basin Watermaster

- Justin Nakano

Coastal Conservancy

- Greg Gauthier

Dickinson Associates

- Mary Ann Dickinson

Fisheries Resource Volunteer Corps

- Sherri Craig

Inland Empire Community Foundation

- Celia Cudiamat

Inland Empire Utilities Agency

- Sylvie Lee

Inland Empire Waterkeeper

- Ray Hiemstra

Mojave Desert Resource Conservation District

- Dana Raponi

Stakeholder Workshop Participants (Continued)

Morongo Band of Mission Indians

- Kimberly Miller
- Molly Earp

Mountain Rim Fire Safe Council

- Laura Dyberg

Running Springs Water District

- Ryan Gross

San Jacinto Basin Resource Conservation District

- Brett Mills

Sierra Club

- Steven Farrell

Stanford University

- Roberta Tugendreich
- Courtney Ryder Hammond Wagner
- Aakash Ahamed
- Newsha Ajami

US Fish & Wildlife Service

- Karin Cleary-Rose
- Rebecca Christensen

Visit Big Bear

- Michael Perry

Independent Participants

- Mark Adelson
- Kathleen Edwards
- Carol Snow
- Joel Gerwein

Independent Participants (continued)

- Joel Gerwein
- Jonar Rodrigo
- Jonathan Contreras
- Michael Morphew
- Peter Satin
- Rosemary Knight
- Shujuan Mao
- Steve Loe

ICF (facilitator)

- Erika Britney
- Scott Fleury
- Robert Kay
- Haroon Aslam
- Jennifer McAdoo
- Jamie Liu

SAWPA's Next Steps

- ▶ Present to the SAWPA Commission staff costs and time to partner with SBVMWD on this effort,
- ▶ Present possible sources of funding for reimbursement of this work, and
- ▶ SAWPA Commission to make decision regarding SAWPA's involvement.

Recommendation

- ▶ Receive and file.

Santa Ana Watershed Project Authority
Cash Transaction Report
Month of July 2021

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

Cash Receipts and Deposits to Account	\$	1,819,537.95
Net Investment Transfers		12,694.67
Cash Disbursements		<u>(983,381.29)</u>
Net Change for Month	\$	848,851.33
Balance at Beginning of Month		<u>2,839,113.99</u>
Balance at End of Month per General Ledger	\$	<u><u>3,687,965.32</u></u>
Collected Balance per Bank Statement	\$	3,774,465.50

ACCOUNTS PAYABLE RECONCILIATION

Accounts Payable Balance @ 06/30/2021	\$	3,836,853.21
Invoices Received for July 2021		4,453,613.93
Invoices Paid by check/wire during July 2021 (see attached register)		<u>(598,018.60)</u>
Accounts Payable Balance @ 07/31/2021	\$	<u><u>7,692,448.54</u></u>

CASH RECEIPTS

Brine Line Operating Revenues	\$	823,225.54
Member Agency Contributions		934,107.00
Participant Fees		50,000.00
LESJWA Admin Reimbursement		11,869.41
Other		<u>336.00</u>
Total Receipts and Deposits	\$	1,819,537.95

INVESTMENT TRANSFERS

Transfer of Funds:		
From (to) US Bank	\$	-
From (to) LAIF		-
From (to) Legal Defense Fund		-
From (to) LESJWA		-
From (to) Investments		<u>12,694.67</u>
Total Investment Transfers	\$	12,694.67

CASH DISBURSEMENTS

By Check:		
Payroll	\$	-
Operations		<u>598,018.60</u>
Total Checks Drawn	\$	598,018.60
By Cash Transfer:		
Payroll	\$	249,568.10
Payroll Taxes		134,566.92
Take Care (AFLAC)		<u>1,227.67</u>
Total Cash Transfers	\$	385,362.69
Total Cash Disbursements	\$	<u><u>983,381.29</u></u>

Santa Ana Watershed Project Authority
Check Detail
Jul-21

Category	Check #	Check Date	Type	Vendor	Check Amount
Auto Expense	4892	7/14/2021	CHK	County of Riverside	\$ 1,269.78
Auto Expense Total					\$ 1,269.78
Banking Fees	WDL000005466	7/15/2021	WDL	US Bank	\$ 1,001.93
Banking Fees Total					\$ 1,001.93
Benefits	4887	7/14/2021	CHK	Cal PERS Long Term Care Program	\$ 304.08
Benefits	4897	7/29/2021	CHK	AFLAC	\$ 336.01
Benefits	4903	7/29/2021	CHK	Cal PERS Long Term Care Program	\$ 152.04
Benefits	4908	7/29/2021	CHK	WageWorks	\$ 116.00
Benefits	4909	7/29/2021	CHK	Mutual Of Omaha	\$ 2,628.16
Benefits	EFT04010	7/14/2021	CHK	ACWA/JPIA	\$ 50,040.56
Benefits	EFT04013	7/14/2021	CHK	Vantagepoint Transfer Agents	\$ 3,299.33
Benefits	EFT04022	7/14/2021	CHK	Vantagepoint Transfer Agents	\$ 398.46
Benefits	EFT04037	7/29/2021	CHK	Vantagepoint Transfer Agents	\$ 3,299.33
Benefits	EFT04041	7/29/2021	CHK	Vantagepoint Transfer Agents	\$ 398.46
Benefits	P041315	7/14/2021	WDL	CalPERS Supplemental Income	\$ 5,904.47
Benefits	P041316	7/14/2021	WDL	Public Employees' Retirement	\$ 11,322.00
Benefits	P041317	7/14/2021	WDL	Public Employees' Retirement	\$ 111,686.00
Benefits	P041318	7/14/2021	WDL	Public Employees' Retirement	\$ 143,405.00
Benefits	P041319	7/14/2021	WDL	Public Employees' Retirement	\$ 20,289.02
Benefits	P041369	7/29/2021	WDL	CalPERS Supplemental Income	\$ 4,409.33
Benefits	P041370	7/29/2021	WDL	Public Employees' Retirement	\$ 20,141.39
Benefits	WDL000005456	7/7/2021	WDL	Takecare	\$ 192.30
Benefits	WDL000005459	7/8/2021	WDL	Takecare	\$ 44.36
Benefits	WDL000005468	7/20/2021	WDL	Takecare	\$ 192.30
Benefits	WDL000005469	7/21/2021	WDL	Takecare	\$ 798.71
Benefits Total					\$ 379,357.31
Building Lease	4910	7/29/2021	CHK	Wilson Property Services, Inc	\$ 1,890.00
Building Lease	4911	7/29/2021	CHK	Wilson Property Services, Inc	\$ 1,864.96
Building Lease Total					\$ 3,754.96
Consulting	EFT04017	7/14/2021	CHK	West Coast Advisors	\$ 9,750.00
Consulting	EFT04021	7/14/2021	CHK	CDM Smith, Inc.	\$ 14,490.00
Consulting	EFT04023	7/14/2021	CHK	Integrated Systems Solutions	\$ 740.00
Consulting	EFT04031	7/14/2021	CHK	Sol Media	\$ 560.00
Consulting	EFT04034	7/14/2021	CHK	Kahn Soares & Conway	\$ 10,635.50
Consulting	EFT04036	7/14/2021	CHK	Gillis & Panichapan Architects	\$ 2,140.00
Consulting	EFT04042	7/29/2021	CHK	Integrated Systems Solutions	\$ 129.50
Consulting	EFT04043	7/29/2021	CHK	Dudek	\$ 1,080.00
Consulting	EFT04045	7/29/2021	CHK	Blais & Associates	\$ 715.00
Consulting	EFT04047	7/29/2021	CHK	JPW Communications	\$ 3,845.55
Consulting Total					\$ 44,085.55
Credit Cards	P041245	7/9/2021	WDL	US Bank	\$ 7,282.95
Credit Cards Total					\$ 7,282.95
Director Costs	EFT04012	7/14/2021	CHK	Eastern Municipal Water District	\$ 460.00
Director Costs	EFT04015	7/14/2021	CHK	Western Municipal Water District	\$ 690.00
Director Costs Total					\$ 1,150.00
Dues	EFT04024	7/14/2021	CHK	Southern Calif Salinity Coalition	\$ 10,000.00
Dues Total					\$ 10,000.00
Employee Reimbursement	4896	7/14/2021	CHK	Teresa Oldenburg	\$ 15.75
Employee Reimbursement	EFT04026	7/14/2021	CHK	Scott Mebust	\$ 97.85
Employee Reimbursement	EFT04032	7/14/2021	CHK	Bonnie Gallagher	\$ 78.54
Employee Reimbursement	EFT04033	7/14/2021	CHK	Jaclyn Alm	\$ 117.24
Employee Reimbursement	EFT04035	7/14/2021	CHK	Brian Henderson	\$ 283.06
Employee Reimbursement Total					\$ 592.44
Equipment Rented	EFT04014	7/14/2021	CHK	Konica Minolta Business Solutions	\$ 678.07
Equipment Rented Total					\$ 678.07
Equipment Repair/Maintenance	4912	7/29/2021	CHK	Heating Air Conditioning Services	\$ 117.50
Equipment Repair/Maintenance Total					\$ 117.50
Facility Repair & Maintenance	4893	7/14/2021	CHK	TNT Elevator Inc	\$ 262.00
Facility Repair & Maintenance	* 4635	7/1/2021	VOID	Ayala Engineering	\$ (4,500.00)
Facility Repair & Maintenance	4894	7/14/2021	CHK	Ayala Engineering	\$ 29,500.00
Facility Repair & Maintenance	EFT04018	7/14/2021	CHK	Haz Mat Trans, Inc.	\$ 6,200.00
Facility Repair & Maintenance	EFT04027	7/14/2021	CHK	Douglas Environmental Group	\$ 3,646.30
Facility Repair & Maintenance	EFT04029	7/14/2021	CHK	RivCo Mechanical Services	\$ 1,867.02
Facility Repair & Maintenance	EFT04030	7/14/2021	CHK	Riverside Cleaning	\$ 1,600.00

Santa Ana Watershed Project Authority
Check Detail
Jul-21

Category	Check #	Check Date	Type	Vendor	Check Amount
Facility Repair & Maintenance	EFT04040	7/29/2021	CHK	Golden State Fire Protection	\$ 1,010.00
Facility Repair & Maintenance	EFT04044	7/29/2021	CHK	RivCo Mechanical Services	\$ 2,906.00
Facility Repair & Maintenance Total					\$ 42,491.32
Insurance Expense	4891	7/14/2021	CHK	Alliant Insurance Services	\$ 19,970.00
Insurance Expense	4895	7/14/2021	CHK	Zenith Insurance Company	\$ 5,363.00
Insurance Expense Total					\$ 25,333.00
Lab Costs	EFT04019	7/14/2021	CHK	E. S. Babcock & Sons, Inc.	\$ 1,871.00
Lab Costs	EFT04038	7/29/2021	CHK	E. S. Babcock & Sons, Inc.	\$ 804.00
Lab Costs Total					\$ 2,675.00
Landscape Maintenance	EFT04028	7/14/2021	CHK	Sims Tree Health Specialists	\$ 520.00
Landscape Maintenance	EFT04039	7/29/2021	CHK	Green Meadows Landscape	\$ 720.00
Landscape Maintenance Total					\$ 1,240.00
Legal	EFT04046	7/29/2021	CHK	Lagerlof, LLP	\$ 11,722.50
Legal Total					\$ 11,722.50
Office Expense	4889	7/14/2021	CHK	Staples Business Advantage	\$ 535.69
Office Expense	4906	7/29/2021	CHK	Printing Connection, Inc.	\$ 16.31
Office Expense Total					\$ 552.00
Payroll	WDL000005442	7/2/2021	WDL	Direct Deposit 7/2/2021	\$ 71,630.71
Payroll	WDL000005447	7/2/2021	WDL	PR Tax - Federal	\$ 32,825.28
Payroll	WDL000005448	7/2/2021	WDL	PR Tax - State	\$ 7,061.43
Payroll	WDL000005449	7/2/2021	WDL	PR Tax - State AZ	\$ 110.17
Payroll	WDL000005450	7/2/2021	WDL	Direct Deposit 7/2/2021	\$ 5,315.58
Payroll	WDL000005452	7/2/2021	WDL	PR Tax - Federal	\$ 4,511.75
Payroll	WDL000005453	7/2/2021	WDL	PR Tax - State	\$ 992.80
Payroll	WDL000005457	7/16/2021	WDL	Direct Deposit 7/16/2021	\$ 76,164.94
Payroll	WDL000005458	7/16/2021	WDL	Direct Deposit 7/16/2021	\$ 22,626.73
Payroll	WDL000005460	7/16/2021	WDL	PR Tax - Federal	\$ 40,990.88
Payroll	WDL000005461	7/16/2021	WDL	PR Tax - State	\$ 8,153.17
Payroll	WDL000005462	7/16/2021	WDL	PR Tax - State AZ	\$ 114.30
Payroll	WDL000005465	7/12/2021	WDL	PR Tax - State	\$ 432.21
Payroll	WDL000005470	7/30/2021	WDL	Direct Deposit 7/30/2021	\$ 73,830.14
Payroll	WDL000005471	7/30/2021	WDL	PR Tax - Federal	\$ 32,102.00
Payroll	WDL000005472	7/30/2021	WDL	PR Tax - State	\$ 7,156.15
Payroll	WDL000005473	7/30/2021	WDL	PR Tax - State AZ	\$ 116.78
Payroll Total					\$ 384,135.02
Prop84	EFT04011	7/14/2021	CHK	Orange County Sanitation District	\$ 49,999.99
Prop84	EFT04020	7/14/2021	CHK	Orange County Coastkeeper	\$ 2,540.24
Prop84 Total					\$ 52,540.23
Safety	4905	7/29/2021	CHK	Cintas Corporation	\$ 404.90
Safety	EFT04016	7/14/2021	CHK	Underground Service Alert	\$ 329.43
Safety	EFT04025	7/14/2021	CHK	RoadSafe Traffic Systems, Inc	\$ 913.72
Safety Total					\$ 1,648.05
Security	4907	7/29/2021	CHK	SafeT	\$ 233.70
Security Total					\$ 233.70
Shipping/Postage	4885	7/14/2021	CHK	General Logistics Systems US	\$ 13.54
Shipping/Postage	4898	7/29/2021	CHK	General Logistics Systems US	\$ 6.77
Shipping/Postage Total					\$ 20.31
Software	4890	7/14/2021	CHK	Solver Inc.	\$ 4,808.09
Software Total					\$ 4,808.09
Utilities	4883	7/14/2021	CHK	Riverside, City of	\$ 150.73
Utilities	4884	7/14/2021	CHK	Riverside, City of	\$ 1,609.38
Utilities	4886	7/14/2021	CHK	AT&T	\$ 209.54
Utilities	4888	7/14/2021	CHK	Southern California Edison	\$ 96.34
Utilities	4899	7/29/2021	CHK	AT&T	\$ 978.34
Utilities	4900	7/29/2021	CHK	AT&T	\$ 1,018.26
Utilities	4901	7/29/2021	CHK	AT&T	\$ 853.18
Utilities	4902	7/29/2021	CHK	AT&T	\$ 208.17
Utilities	4904	7/29/2021	CHK	Burrtec Waste Industries Inc	\$ 91.13
Utilities	* 4879	7/1/2021	VOID	Verizon Wireless	\$ (417.76)
Utilities	4913	7/29/2021	CHK	Verizon Wireless	\$ 417.76
Utilities	4914	7/29/2021	CHK	Verizon Wireless	\$ 334.91
Utilities	4915	7/29/2021	CHK	Verizon Wireless	\$ 130.61
Utilities	4916	7/29/2021	CHK	Verizon Wireless	\$ 929.00
Utilities	4917	7/29/2021	CHK	DIRECTV	\$ 81.99

Santa Ana Watershed Project Authority
Check Detail
Jul-21

Category	Check #	Check Date	Type	Vendor	<u>Check Amount</u>
Utilities Total					\$ 6,691.58
Grand Total					<u>\$ 983,381.29</u>
			Accounts Payable		
			Checks		\$ 272,576.51
			Wire Transfers		<u>\$ 325,442.09</u>
					\$ 598,018.60
			Take Care		\$ 1,227.67
			Other		\$ -
			Payroll		<u>\$ 384,135.02</u>
Total Disbursements for July 2021					<u>\$ 983,381.29</u>

*Santa Ana Watershed Project Authority
Consulting
Jul-21*

Check #	Check Date	Task #	Task Description	Vendor Name	Total Contract	Check Amount	Remaining Contract Amount	Notes/Comments	
EFT04045	7/29/2021	BLAIS370-02	Grant Needs Assessment and Monitoring	Blais & Associates	\$ 24,700.00	\$ 715.00	\$ 6,259.06		
EFT04021	7/14/2021	CDM386-15	Regional Bacteria Monitoring Program	CDM Smith	\$ 415,453.00	\$ 14,490.00	\$ 40,187.31	Closed 6/30/2021	
EFT04043	7/29/2021	DUDK240-05	Brine Line Criticality Assessment	Dudek	\$ 89,560.00	\$ 1,080.00	\$ 7,815.00		
EFT04036	7/14/2021	GPA100-01	SAWPA Building Renovations - Phase 3	Gillis & Panichapan Architects	\$ 45,200.00	\$ 2,140.00	\$ 23,983.24		
EFT04023	7/14/2021	INSOL100-15	Great Plains and Journyx Tech Support	Integrated Systems Solutions	\$ 4,750.00	\$ 740.00	\$ 138.00	Closed 6/30/2021	
EFT04042	7/29/2021	INSOL100-17	Great Plains and Journyx Support	Integrated Systems Solutions	\$ 4,750.00	\$ 129.50	\$ 4,546.50		
EFT04047	7/29/2021	JPW392-01	Emerging Constituents Program Social Media Support	JPW Communications	\$ 105,000.00	\$ 3,845.55	\$ 67,458.40	Closed 6/30/2021	
EFT04034	7/14/2021	KSC374-01	Basin Monitoring Program TF Regulatory Support	Kahn, Soares, & Conway	\$ 93,293.60	\$ 9,177.50	\$ 40,591.60	Closed 6/30/2021	
EFT04034	7/14/2021	KSC384-01	MSAR Pathogen TMDL TF Regulatory Support	Kahn, Soares, & Conway	\$ 108,156.50	\$ 1,458.00	\$ 68,212.00	Closed 6/30/2021	
EFT04031	7/14/2021	SOL100-09	OWOW Portion Website Support	Sol Media	\$ 1,500.00	\$ 560.00	\$ 940.00		
EFT04017	7/14/2021	WCA100-03-04	State Legislative Consulting Services	West Coast Advisors	\$ 240,000.00	\$ 9,750.00	\$ 162,000.00		
					\$ 44,085.55				

COMMISSION MEMORANDUM NO. 2021.70

DATE: September 21, 2021
TO: SAWPA Commission
SUBJECT: Inter-Fund Borrowing – July 2021
PREPARED BY: Karen Williams, DGM/CFO

RECOMMENDATION

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

DISCUSSION

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

The following projects, with negative cash flow, are listed below with the amounts borrowed from SAWPA General Fund Reserves in July 2021. The total amount borrowed is over the aggregate \$250,000 amount recommended in Resolution No. 452, Inter-Fund and Inter-Project Loan Policy. The Commission has requested that this item be brought back each month as an informational item when the loan amount is over the \$250,000 aggregate amount.

Fund	Fund Name	06/30/2021 Balance	Loan Receipts	New Charges	07/31/2021 Balance
130	Proposition 84 Admin R1	\$45,134.26	(\$0.00)	\$0.00	\$45,134.26
135	Proposition 84 Admin R2	69,860.54	(0.00)	17,196.28	87,056.82
140	Proposition 84 Admin R3	(64.25)	(0.00)	0.00	(64.25)
145	Proposition 84 Admin R4	174,429.20	(0.00)	21,198.04	195,627.24
150	Proposition 1 – Admin	69,596.84	(0.00)	2,422.12	72,018.96
397	Energy – Water DAC	0.00	(0.00)	484.54	484.54
398	Proposition 1 – DACI Grant	120,751.95	(0.00)	33,397.34	154,149.29
477	LESJWA Administration	10,538.32	(17,869.41)	9,688.82	2,357.73
504	Prop 84 – Round I & II	(50,050.00)	0.00	49,999.99	(50.01)
504	Prop 84 - Drought Projects	(52.41)	(0.00)	0.00	(52.41)
	Total Funds Borrowed	\$440,144.45	(\$17,869.41)	\$134,387.13	\$556,662.17
	General Fund Reserves Balance		\$2,105,192.59		
	Less Amount Borrowed		<u>556,662.17</u>		
	Balance of General Fund Reserves		\$1,548,530.42		

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

NEGATIVE CASH-FLOW FUNDS

Fund No.	Source of Funding	Billing Frequency	Projected Payment Time
130,135, 145,150 – Proposition 1 & 84 Admin	DWR – Prop 1 & 84 Grant	Monthly/Quarterly	Up to 4 months
397 – Energy – Water DAC	City of Riverside Grant	Quarterly	Up to 4 months
398 – Proposition 1 – DACI Grant	DWR – Prop 1 Grant	Monthly	Up to 4 months
477 – LESJWA Admin	Reimbursement from LESJWA	Monthly	2 to 4 weeks
504 – Proposition 84 SARCCUP Projects	DWR – Prop 84 Grant	Monthly/Quarterly	Up to 4 months

Fund 130

The outstanding balance of the funds due from DWR is the mandatory 10% retention from each invoice billed. Retention funds will not be released until the Proposition 84 Round I contract is completed. Retention should be released within the next few months.

Fund 135

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

Fund 145

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

Fund 150

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

Fund 397

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

Fund 398

This fund is for the Proposition 1 DACI grant project. These funds will be billed monthly and 10% will be withheld for retention.

Fund 477

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

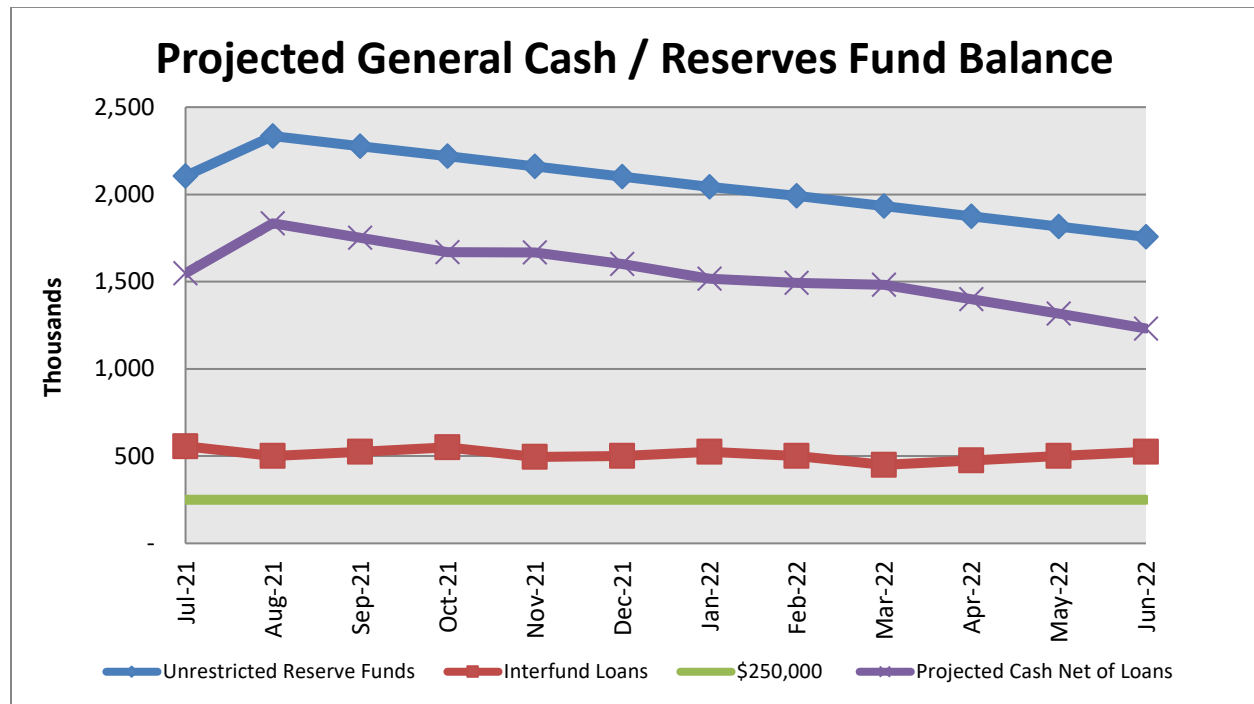
Fund 504

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

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

Fund	Fund Name	Total Budget	Costs Through 07/31/2021	Remaining Grant Budget
130	Proposition 84 Admin R1	\$660,004	(\$571,491)	\$88,513
135	Proposition 84 Admin R2	627,405	(611,293)	16,112
140	Proposition 84 Admin R3	887,860	(866,091)	21,769
145	Proposition 84 Admin R4	3,213,384	(994,879)	2,218,505
150	Proposition 1 Admin	TBD	(69,596)	TBD
398	Proposition 1 – DACI Grant	6,300,000	(5,957,835)	342,165
504	Prop 84 - Drought Projects	5,547,816	(3,482,114)	2,065,702
504	Prop 84 – 2015 Round (SARCCUP)	1,543,810	(731,820)	811,990
Totals		\$18,780,279	(\$13,285,119)	\$5,564,756

The following graph shows projected inter-fund loan balances, total unrestricted General Fund Reserves available for loans, and projected cash net of loans through June 2022. The projected loan balance is expected to remain over the \$250,000 aggregate limit through June 2022 because of Proposition 1 and 84 grants but can be covered by General Fund Reserves without a major impact on cash flow.



RESOURCE IMPACTS

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

Attachments:

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

RESOLUTION NO. 452

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

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

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

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

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

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

ADOPTED this 13th day of December 2005.

SANTA ANA WATERSHED PROJECT AUTHORITY

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



COMMISSION MEMORANDUM NO. 2021.71

DATE: September 21, 2021
TO: SAWPA Commission
SUBJECT: Performance Indicators and Financial Reporting – July 2021
PREPARED BY: Karen Williams, DGM/CFO

RECOMMENDATION

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

DISCUSSION

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

Financial Reporting

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

Cash and Investments

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

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

Performance Indicators

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

RESOURCE IMPACTS

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

Attachments:

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

Santa Ana Watershed Project Authority
Balance Sheet by Fund Type
For the Twelve Months Ending Wednesday, June 30, 2021

	General Fund	Brine Line Enterprise	Capital Projects	OWOW Projects	Roundtable Projects	Fund Totals
Assets						
Current Assets						
Cash and Investments	\$2,807,247.28	\$51,075,664.20	\$0.00	\$1,410,473.73	\$2,453,058.06	\$57,746,443.27
Accounts Receivable	473.79	2,181,284.44	0.00	4,714,528.68	12,068.87	6,908,355.78
Interest Receivable	4,395.94	29,895.53	0.00	868.30	2,680.61	37,840.38
Prepays and Deposits	178,849.09	167,636.66	0.00	0.00	0.00	346,485.75
Total Current Assets	2,990,966.10	53,454,480.83	0.00	6,125,870.71	2,467,807.54	65,039,125.18
Fixed Assets						
Property, Plant & Equipment						
less accum depreciation	1,461,531.24	77,187,938.02	0.00	0.00	0.00	78,649,469.26
Work In Process	0.00	0.00	389,473.60	0.00	0.00	389,473.60
Total fixed assets	1,461,531.24	77,187,938.02	389,473.60	0.00	0.00	79,038,942.86
Other Assets						
Wastewater treatment/disposal rights, net of amortization	0.00	23,176,070.24	0.00	0.00	0.00	23,176,070.24
Inventory - Mitigation Credits	0.00	0.00	0.00	0.00	1,910,560.00	1,910,560.00
Total Other Assets	0.00	23,176,070.24	0.00	0.00	1,910,560.00	25,086,630.24
Total Assets	\$4,452,497.34	\$153,818,489.09	\$389,473.60	\$6,125,870.71	\$4,378,367.54	\$169,164,698.28
Liabilities and Fund Equity						
Current Liabilities						
Accounts Payable/Accrued Expenses	\$845,297.45	\$656,448.34	\$0.00	\$6,985,449.69	\$113,653.40	\$8,600,848.88
Accrued Interest Payable	0.00	221,831.90	0.00	0.00	18.67	221,850.57
Customer Deposits	0.00	17,856.22	0.00	0.00	467,071.74	484,927.96
Noncurrent Liabilities						
Long-term Debt	2,271,166.00	25,471,969.27	0.00	0.00	0.00	27,743,135.27
Deferred Revenue	0.00	62,687,568.38	0.00	0.00	0.00	62,687,568.38
Total Liabilities	3,116,463.45	89,055,674.11	0.00	6,985,449.69	580,743.81	99,738,331.06
Fund Equity						
Contributed Capital	0.00	20,920,507.03	0.00	0.00	0.00	20,920,507.03
Retained Earnings	2,505,211.67	44,631,429.36	389,473.60	1,337,714.59	3,540,774.67	52,404,603.89
Revenue Over/Under Expenditures	(1,169,177.78)	(789,121.41)	0.00	(2,197,293.57)	256,849.06	(3,898,743.70)
Total Fund Equity	1,336,033.89	64,762,814.98	389,473.60	(859,578.98)	3,797,623.73	69,426,367.22
Total Liabilities & Fund Equity	\$4,452,497.34	\$153,818,489.09	\$389,473.60	\$6,125,870.71	\$4,378,367.54	\$169,164,698.28

Santa Ana Watershed Project Authority
Revenue & Expenses by Fund Type
For the Twelve Months Ending Wednesday, June 30, 2021

	General Fund	Brine Line Enterprise	Capital Projects	OWOW Projects	Roundtable Projects	Fund Totals
Operating Revenue						
Discharge Fees	\$0.00	\$12,159,431.27	\$0.00	\$0.00	\$0.00	\$12,159,431.27
Grant Proceeds	0.00	0.00	0.00	5,091,193.01	0.00	5,091,193.01
Financing Proceeds	0.00	0.00	0.00	0.00	201,354.36	201,354.36
Total Operating Revenue	0.00	12,159,431.27	0.00	5,091,193.01	201,354.36	17,451,978.64
Operating Expenses						
Labor	1,528,570.55	1,222,529.74	46,842.86	465,197.21	154,065.03	3,417,205.39
Benefits	699,690.46	553,805.98	21,219.82	210,734.29	69,791.44	1,555,241.99
Indirect Costs	0.00	1,843,574.85	70,639.04	701,517.43	232,330.08	2,848,061.40
Education & Training	20,033.86	6.85	0.00	0.00	0.00	20,040.71
Consulting & Professional Services	334,421.48	130,144.84	76,795.80	1,258,503.80	617,277.26	2,417,143.18
Operating Costs	1,590.21	2,780,595.73	0.00	0.00	2,521.93	2,784,707.87
Repair & Maintenance	92,156.37	270,380.23	0.00	0.00	0.00	362,536.60
Phone & Utilities	57,476.47	11,815.25	0.00	0.00	0.00	69,291.72
Equipment & Computers	190,520.35	50,045.18	0.00	172.36	0.00	240,737.89
Meeting & Travel	4,091.16	284.67	0.00	(20.00)	0.00	4,355.83
Other Administrative Costs	164,342.99	80,366.67	356.80	11,530.00	11,660.94	268,257.40
Indirect Costs Applied	(2,851,356.97)	0.00	0.00	0.00	0.00	(2,851,356.97)
Other Expenses	65,611.98	149,612.98	2,695,477.49	0.00	6,541.42	2,917,243.87
Construction	0.00	0.00	0.00	6,292,058.88	0.00	6,292,058.88
Total Operating Expenses	307,148.91	7,093,162.97	2,911,331.81	8,939,693.97	1,094,188.10	20,345,525.76
Operating Income (Loss)	(307,148.91)	5,066,268.30	(2,911,331.81)	(3,848,500.96)	(892,833.74)	(2,893,547.12)
Nonoperating Income (Expense)						
Member Contributions	680,340.00	0.00	0.00	830,000.00	20,000.00	1,530,340.00
Other Agency Contributions	0.00	0.00	0.00	536,365.94	1,115,239.00	1,651,604.94
Pipeline & Treatment Capacity Sales	0.00	2,510,154.00	0.00	0.00	0.00	2,510,154.00
Interest Income	21,595.80	30,936.91	0.00	5,947.46	14,443.80	72,923.97
Interest Expense - Debt Service	0.00	(586,566.12)	0.00	0.00	0.00	(586,566.12)
Other Income	3,943.69	317,425.13	0.00	0.00	0.00	321,368.82
Retiree Medical Benefits	(81,265.62)	0.00	0.00	0.00	0.00	(81,265.62)
Total Nonoperating Income (Expense)	624,613.87	2,271,949.92	0.00	1,372,313.40	1,149,682.80	5,418,559.99
Excess Rev over (under) Exp	\$317,464.96	\$7,338,218.22	(\$2,911,331.81)	(\$2,476,187.56)	\$256,849.06	\$2,525,012.87

Aging Report
Santa Ana Watershed Project Authority
Receivables as of July 31, 2021

Customer Name	Project	Total	0-30 Days	31-60 Days	61 and Over
Chino Basin Desalter Authority	Brine Line	191,540.84		190,340.84	1,200.00
Department of Water Resources	Prop 84, Prop 1	6,581,197.49			6,581,197.49
Eastern Municipal Water District	Brine Line	198,497.52		198,497.52	
Great Los Angeles County IRWM	Roundtable of Regions	10,300.00	10,300.00		
Inland Empire Utilities Agency	Brine Line, Emerging Constituents	330,036.48	900.00	131,946.55	197,189.93
Irvine Ranch Water District	Emerging Constituents	8,693.00		8,693.00	
Mojave Water Agency	Roundtable of Regions	10,300.00	10,300.00		
Orange County Flood Control District	RWQ Monitoring	9,007.00		9,007.00	
Rialto BioEnergy	Brine Line	8,896.88		8,896.88	
Riverside, City of	Basin Monitoring, MSAR TMDL	25,832.50		25,832.50	
RIX	Emerging Constituents, Basin Monitoring	31,976.00		31,976.00	
San Bernardino County Flood Control District	RWQ Monitoring, MSAR TMDL	241,145.00		241,145.00	
San Bernardino Valley Municipal Water District	Brine Line	136,626.38		136,626.38	
San Diego, City of	Roundtable of Regions	2,600.00	2,600.00		
San Diego County Water Authority	Roundtable of Regions	6,000.00	6,000.00		
Santa Barbara County IRWM	Roundtable of Regions	3,000.00	3,000.00		
Santa Clara Valley Water District	Roundtable of Regions	10,300.00	10,300.00		
Sonoma County Water Authority	Roundtable of Regions	5,000.00	5,000.00		
Westside Sacramento IRWM	Roundtable of Regions	1,500.00	1,500.00		
Western Municipal Water District	Brine Line	634,335.88		631,137.31	3,198.57
Total Accounts Receivable		8,446,784.97	49,900.00	1,614,098.98	6,782,785.99

Santa Ana Watershed Project Authority
Open Task Orders Schedule
Jul-21
(Reflects Invoices Received as of 08/11/21)

Task Order No. Project Contracts	Fund No.	Vendor Name	Task Description	Begin Date	End Date	Original Contract	Change Orders	Total Contract	Billed To Date	Contract Balance	SAWPA Manager	Comments
ACS100-22	100-00	Accent Computer Solutions	IT Services	07/01/2021	09/30/2021	\$ 19,000.00	\$ -	\$ 19,000.00	\$ 11,843.87	\$ 7,156.13	Dean Unger	
BART100-06	100-00	Bartel & Associates	GASB 68 Actuarial Information	02/02/2021	12/31/2021	\$ 1,400.00	\$ -	\$ 1,400.00	\$ -	\$ 1,400.00	Karen Williams	
BGB100-01	100-00	BGB Design Group	SAWPA Building Landscaping Design	12/17/2020	12/31/2021	\$ 16,800.00	\$ -	\$ 16,800.00	\$ 8,800.00	\$ 8,000.00	Carlos Quintero	
GPA100-01	100-00	Gillis & Panichapan Architects	SAWPA Building Renovations	10/13/2020	06/30/2022	\$ 45,200.00	\$ -	\$ 45,200.00	\$ 21,216.76	\$ 23,983.24	Carlos Quintero	
INSOL100-17	100-00	Integrated Systems Solutions	Great Plains and Journyx Tech Support	07/01/2021	06/30/2022	\$ 4,750.00	\$ -	\$ 4,750.00	\$ 166.50	\$ 4,583.50	Dean Unger	
KON100-08	100-00	Konica Minolta	Copiers and Scanners Lease	01/15/2021	01/15/2025	\$ 29,040.00	\$ -	\$ 29,040.00	\$ 3,917.62	\$ 25,122.38	Dean Unger	
TEAM100-08	100-00	Teaman, Ramirez, & Smith	Auditing Services	02/16/2021	06/30/2022	\$ 23,750.00	\$ -	\$ 23,750.00	\$ 5,000.00	\$ 18,750.00	Karen Williams	
BMH100-01	100-03	Bell, McAndrews, & Hiltachk	FPPC Lobby Reporting	07/01/2021	06/30/2022	\$ 1,200.00	\$ -	\$ 1,200.00	\$ 333.00	\$ 867.00	Karen Williams	
JRE100-02	100-03	J. Richard Eichman	FPPC Reporting	01/01/2021	01/31/2022	\$ 12,600.00	\$ -	\$ 1,260.00	\$ 544.30	\$ 715.70	Karen Williams	
WCA100-03-04	100-03	West Coast Advisors	State Legislative Consulting	09/15/2020	12/21/2022	\$ 240,000.00	\$ -	\$ 240,000.00	\$ 78,000.00	\$ 162,000.00	Jeff Mosher	
WO2022-4	240	E S Babcock	Water Quality Analysis & Sampling	07/01/2021	06/30/2022	\$ 75,625.00	\$ -	\$ 75,625.00	\$ 704.00	\$ 74,921.00	Carlos Quintero	
WO2022-18	240	E S Babcock	PFAS Water Quality Analysis	07/01/2021	06/30/2022	\$ 8,460.00	\$ -	\$ 8,460.00	\$ 1,410.00	\$ 7,050.00	Carlos Quintero	
DOUG240-04	240	Douglas Environmental	On-Call Brine Line Flow Meter Calibration	07/01/2021	06/30/2023	\$ 24,575.00	\$ -	\$ 24,575.00	\$ -	\$ 24,575.00	Carlos Quintero	
DOW240-02	240	Downstream Services	Brine Line Pipe Cleaning Services	07/01/2020	06/30/2022	\$ 210,476.00	\$ -	\$ 210,476.00	\$ 20,911.00	\$ 189,565.00	Carlos Quintero	
DUDK240-05	240	Dudek	Brine Line Criticality Assessment	07/01/2020	08/31/2021	\$ 89,560.00	\$ -	\$ 89,560.00	\$ 81,745.00	\$ 7,815.00	David Ruhl	
HAZ240-11	240	Haz Mat Trans Inc	Line Draining & Emergency Response	07/01/2021	06/30/2023	\$ 139,360.00	\$ -	\$ 139,360.00	\$ -	\$ 139,360.00	Carlos Quintero	
HAZ240-12	240	Haz Mat Trans Inc	BL Debris Hauling & Disposal Services	07/01/2021	06/30/2023	\$ 63,990.00	\$ -	\$ 63,990.00	\$ -	\$ 63,990.00	Carlos Quintero	
WO2022-5	240	Inland Empire Utilities Agency	Reach 4A Upper - BL Maintenance	07/01/2021	06/30/2022	\$ 10,000.00	\$ -	\$ 10,000.00	\$ -	\$ 10,000.00	Carlos Quintero	
INN240-04	240	Innerline Engineering	Brine Line On-Call Inspection Services	07/01/2021	06/30/2023	\$ 99,050.00	\$ -	\$ 99,050.00	\$ -	\$ 99,050.00	Carlos Quintero	
TRU240-25	240	Trussell Technologies	S-01 Solids Characterization	01/01/2021	12/31/2021	\$ 13,100.00	\$ -	\$ 13,100.00	\$ 6,391.26	\$ 6,708.74	Carlos Quintero	
TRU240-26	240	Trussell Technologies	Brine Line PFAS Assessment	05/11/2021	06/30/2022	\$ 15,560.00	\$ -	\$ 15,560.00	\$ 7,270.00	\$ 8,290.00	Carlos Quintero	
BLAIS370-02	370-01	Blais & Associates	Grant Needs Assessment & Grant Monitoring	10/01/2018	12/31/2021	\$ 24,700.00	\$ -	\$ 24,700.00	\$ 17,725.94	\$ 6,974.06	Ian Achimore	
NAWC370-02	370-01	North American Weather Consultants	Weather Modification Ground Seeding Site Analysis	05/05/2021	12/31/2021	\$ 14,500.00	\$ -	\$ 14,500.00	\$ 7,250.00	\$ 7,250.00	Mark Norton	
JMC373-03	373	JM Consultants	Roundtable of Regions Network Coordinator	07/01/2021	06/30/2022	\$ 72,900.00	\$ -	\$ 72,900.00	\$ -	\$ 72,900.00	Ian Achimore	
GEO374-02	374	GeoScience Support Services	SAR WLA Model Supplemental Runs	07/01/2021	09/30/2021	\$ 31,940.00	\$ -	\$ 31,940.00	\$ 24,314.00	\$ 7,626.00	Mark Norton	170
KSC374-02	374	Kahn, Soares, & Conway	Basin Monitoring TF Regulatory Support	07/01/2021	06/30/2023	\$ 116,000.00	\$ -	\$ 116,000.00	\$ 300.00	\$ 115,700.00	Mark Norton	

Santa Ana Watershed Project Authority
Open Task Orders Schedule
Jul-21
(Reflects Invoices Received as of 08/11/21)

Task Order No. Project Contracts	Fund No.	Vendor Name	Task Description	Begin Date	End Date	Original Contract	Change Orders	Total Contract	Billed To Date	Contract Balance	SAWPA Manager	Comments
SAWA381-01	381	Santa Ana Watershed Association	Van Buren Bridge Sucker Restoration	09/26/2018	12/31/2021	\$ 15,130.20	\$ 5,228.00	\$ 20,358.20	\$ 15,056.48	\$ 5,301.72	Ian Achimore	
KSC384-02	384-01	Kahn, Soares, & Conway	MSAR Pathogen TMDL TF Regulatory Support	07/01/2021	06/30/2023	\$ 149,750.00	\$ -	\$ 149,750.00	\$ 5,405.00	\$ 144,345.00	Mark Norton	
CDM386-16	386	CDM Smith	Implementation of SAR Regional Bacteria Monitoring Program	01/01/2021	06/30/2024	\$ 1,070,535.00	\$ -	\$ 1,070,535.00	\$ 82,096.08	\$ 988,438.92	Rick Whetsel	
GEI386-01	386	GEI Consultants	Homeless Encampment - Phase 1A Water Quality Monitoring	07/01/2021	12/31/2022	\$ 119,514.00	\$ -	\$ 119,514.00	\$ -	\$ 119,514.00	Rick Whetsel	
PRO387-01	387	Project Partners	Headwaters Project - Access to Parcels	12/01/2020	12/01/2021	\$ 23,800.00	\$ -	\$ 23,800.00	\$ 10,380.82	\$ 13,419.18	Ian Achimore	
SAWA387-06	387	Santa Ana Watershed Association	Arundo Surveying	07/17/2018	08/31/2021	\$ 23,000.00	\$ -	\$ 23,000.00	\$ 1,498.57	\$ 21,501.43	Ian Achimore	
JPW392-01	392	JPW Communications	Emerging Constituents Program Social Media Support	07/01/2020	06/30/2023	\$ 105,000.00	\$ -	\$ 105,000.00	\$ 37,541.60	\$ 67,458.40	Mark Norton	
KSC392-02	392	Kahn, Soares, & Conway	Emerging Constituents Program TF Regulatory Support	07/01/2021	06/30/2023	\$ 46,500.00	\$ -	\$ 46,500.00	\$ -	\$ 46,500.00	Mark Norton	
QUAN504-01	504-04	Quantum Spatial, Inc.	Water Efficiency Budget Assistance	02/10/2021	02/28/2023	\$ 594,387.00	\$ -	\$ 594,387.00	\$ -	\$ 594,387.00	Ian Achimore	
RMC504-401-08	504-04	Woodard & Curran	SARCCUP Program Mgmt. Services	07/01/2021	06/30/2022	\$ 132,872.00	\$ -	\$ 132,872.00	\$ -	\$ 132,872.00	Ian Achimore	
GEO505-01	505-00	Geophex, Ltd.	2021 Imagery Acquisition Project	04/27/2021	04/15/2022	\$ 210,353.00	\$ -	\$ 210,353.00	\$ -	\$ 210,353.00	Ian Achimore	
										<u>\$ 3,438,443.40</u>		

LIST OF SAWPA FUNDS

Fund No.	Fund Description	Fund Group
100-00	General Fund	General
100-03	State Outreach	General
100-04	Federal Outreach	General
100-05	Grant Applications	General
130	Proposition 84 – Program Management - Round 1	OWOW
135	Proposition 84 – Program Management – Round 2	OWOW
140	Proposition 84 – Program Management – Drought Round	OWOW
145	Proposition 84 – Program Management – 2015 Round	OWOW
150	Proposition 1 – Program Management	OWOW
240	Brine Line Enterprise	Brine Line
320-01	Brine Line Protection – Downstream Prado	Capital Projects
320-03	Brine Line Protection Above Prado	Capital Projects
320-04	Brine Line Protection D/S Prado in Riverside County	Capital Projects
327	Reach IV-D Corrosion Repair	Capital Projects
370-01	Basin Planning General	OWOW
370-02	USBR Partnership Studies	OWOW
372	Imported Water Recharge Work Group	Roundtable
373	Watershed Management (OWOW)	OWOW
374	Basin Monitoring Program Task Force	Roundtable
381	Santa Ana River Fish Conservation	Roundtable
384-01	MSAR TMDL Task Force	Roundtable
386	Regional Water Quality Monitoring Task Force	Roundtable
387	Arundo Management & Habitat Restoration	Roundtable
392	Emerging Constituents Task Force	Roundtable
397	Energy – Water DAC Grant Project	OWOW
398	Proposition 1 - DACI	OWOW
477	LESJWA Administration	Roundtable
504-01	Proposition 84 – Capital Projects Round 1 & 2	OWOW
504-00	Proposition 84 – Drought Capital Projects	OWOW
504-04	Proposition 84 – Final Round SARCCUP	OWOW
505-00	Proposition 1 – Capital Projects	OWOW

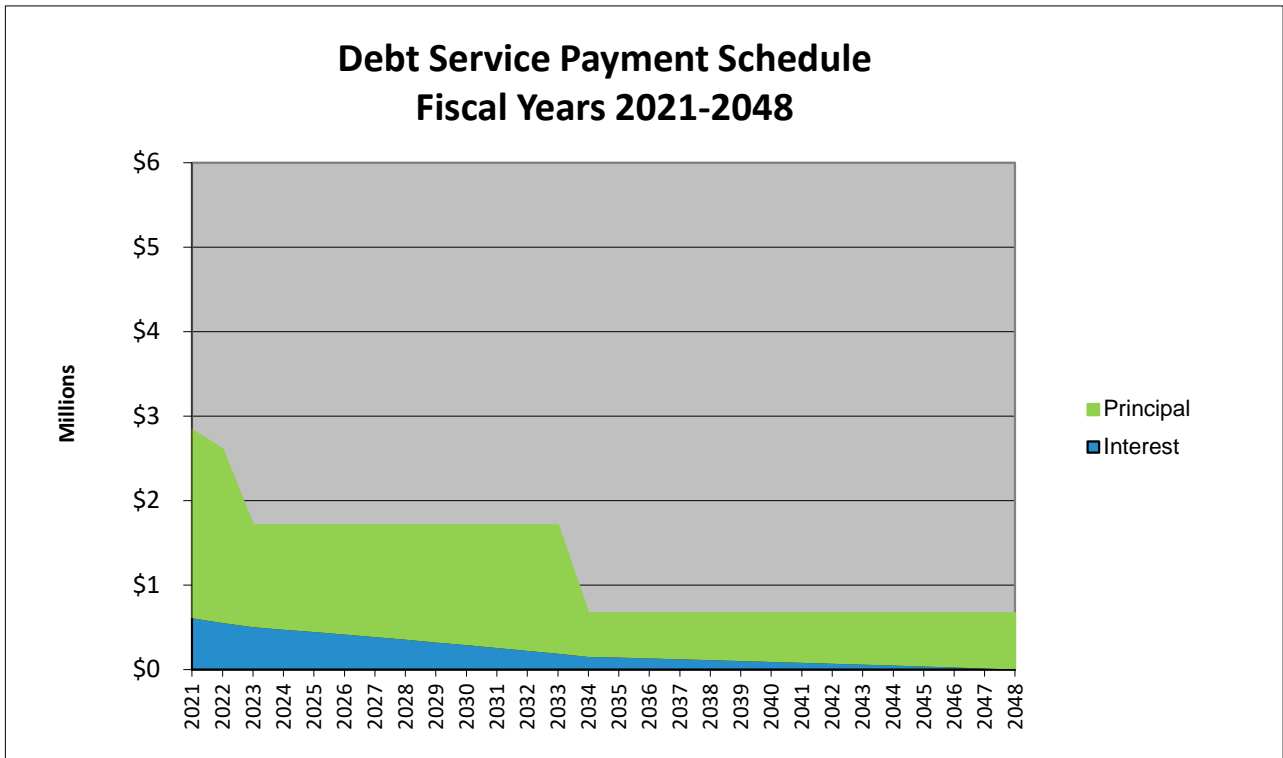
Santa Ana Watershed Project Authority
 Brine Line Debt Service Funding Analysis
 July 31, 2021

FYE	T-Strip Maturity	Capacity Loan Receipts	Rates	Loan Pymts	Interest Earned *	Excess Cash	Ending Cash Balance
	Beginning Balance						3,712,038
2022	-	-	1,709,476	(2,608,439)	30,621	(868,342)	2,843,696
2023	-	-	1,709,476	(1,709,476)	21,938	21,938	2,865,634
2024	-	-	1,709,476	(1,709,476)	22,157	22,157	2,887,792
2025	-	-	1,709,476	(1,709,476)	22,379	22,379	2,910,171
2026	-	-	1,709,476	(1,709,476)	22,603	22,603	2,932,773
2027	-	-	1,709,476	(1,709,476)	22,829	22,829	2,955,602
2028	-	-	1,709,476	(1,709,476)	23,057	23,057	2,978,659
2029	-	-	1,709,476	(1,709,476)	23,288	23,288	3,001,947
2030	-	-	1,709,476	(1,709,476)	23,520	23,520	3,025,467
2031	-	-	1,709,476	(1,709,476)	23,756	23,756	3,049,223
2032	-	-	1,709,476	(1,709,476)	23,993	23,993	3,073,216
2033	-	-	1,709,476	(1,709,476)	24,233	24,233	3,097,449
2034	-	-	665,203	(665,203)	24,475	24,475	3,121,925
2035	-	-	665,203	(665,203)	24,720	24,720	3,146,646
2036	-	-	665,203	(665,203)	24,967	24,967	3,171,612
2037	-	-	665,203	(665,203)	25,217	25,217	3,196,830
2038	-	-	665,203	(665,203)	25,469	25,469	3,222,299
2039	-	-	665,203	(665,203)	25,724	25,724	3,248,023
2040	-	-	665,203	(665,203)	25,981	25,981	3,274,004
2041	-	-	665,203	(665,203)	26,241	26,241	3,300,245
2042	-	-	665,203	(665,203)	26,503	26,503	3,326,748
2043	-	-	665,203	(665,203)	26,768	26,768	3,353,517
2044	-	-	665,203	(665,203)	27,036	27,036	3,380,553
2045	-	-	665,203	(665,203)	27,307	27,307	3,407,860
2046	-	-	665,203	(665,203)	27,580	27,580	3,435,439
2047	-	-	665,203	(665,203)	27,855	27,855	3,463,295
2048	-	-	665,203	(665,203)	28,134	28,134	3,491,428
	-	-	30,491,747	(31,390,710)	678,354	(220,610)	-

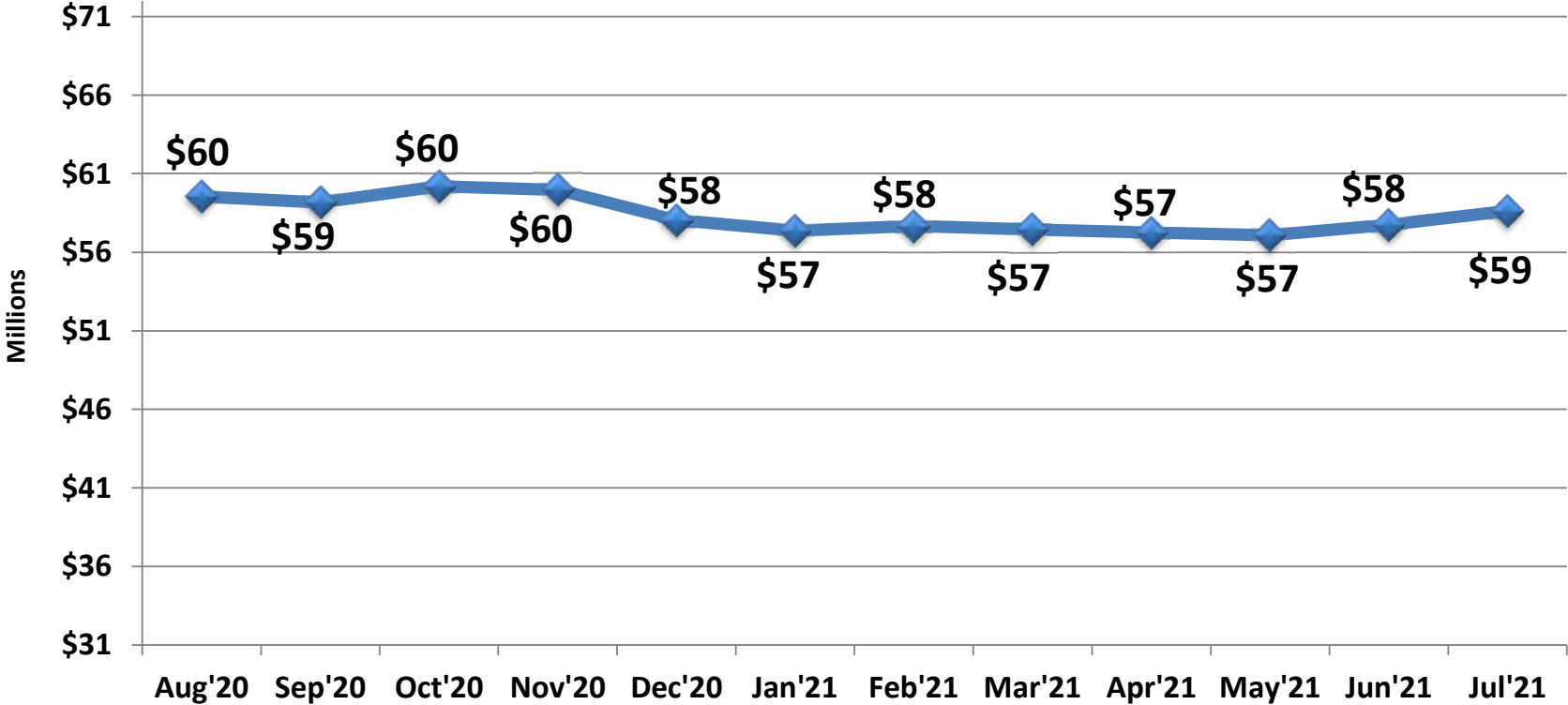
*Interest earned is based on a conservative 1.00% average return over the period

Santa Ana Watershed Project Authority
 Brine Line Debt Service Payment Schedule
 July 31, 2021

FYE	Interest	Principal	Total Payment	New SRF Loan	Remaining Principal
2021	620,782	2,214,971	2,835,753	-	25,471,969
2022	564,959	2,043,480	2,608,439	-	23,428,489
2023	514,301	1,195,175	1,709,476	-	22,233,314
2024	486,080	1,223,395	1,709,476	-	21,009,919
2025	457,181	1,252,295	1,709,476	-	19,757,624
2026	427,585	1,281,891	1,709,476	-	18,475,733
2027	397,276	1,312,199	1,709,476	-	17,163,534
2028	366,237	1,343,239	1,709,476	-	15,820,295
2029	334,449	1,375,027	1,709,476	-	14,445,268
2030	301,894	1,407,582	1,709,476	-	13,037,686
2031	268,553	1,440,923	1,709,476	-	11,596,763
2032	234,407	1,475,068	1,709,476	-	10,121,694
2033	199,437	1,510,039	1,709,476	-	8,611,656
2034	163,621	501,581	665,203	-	8,110,075
2035	154,091	511,111	665,203	-	7,598,964
2036	144,380	520,822	665,203	-	7,078,141
2037	134,485	530,718	665,203	-	6,547,424
2038	124,401	540,801	665,203	-	6,006,622
2039	114,126	551,077	665,203	-	5,455,545
2040	103,655	561,547	665,203	-	4,893,998
2041	92,986	572,217	665,203	-	4,321,782
2042	82,114	583,089	665,203	-	3,738,693
2043	71,035	594,167	665,203	-	3,144,526
2044	59,746	605,457	665,203	-	2,539,069
2045	48,242	616,960	665,203	-	1,922,109
2046	36,520	628,682	665,203	-	1,293,427
2047	24,575	640,627	665,203	-	652,799
2048	12,403	652,799	665,203	-	(0)



Total Cash & Investments





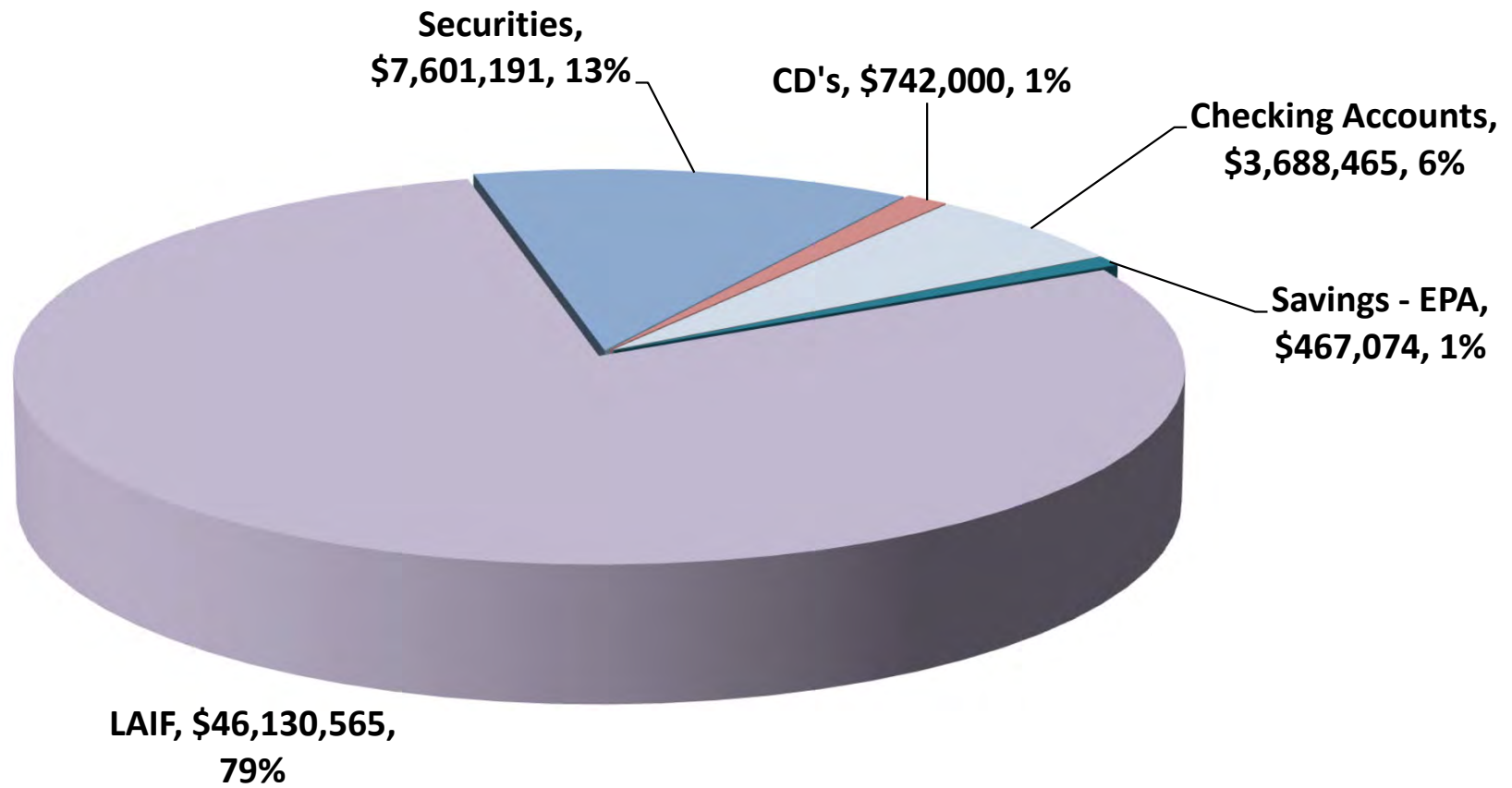
CASH BALANCE & SOURCE OF FUNDS

July 31, 2021

Reserve Accounts		Cash and Investments						
	Total	Checking (Cash)	LAIF Account	Savings EPA	Investment Securities	Certificates of Deposit	Total	
100	General Fund	\$ 1,548,530	1,548,530	-	-	-	\$ 1,548,530	
100	Building Reserve	\$ 744,096	-	744,096	-	-	\$ 744,096	
370	Basin Planning General	\$ 362,404	-	362,404	-	-	\$ 362,404	
370	USBR Partnership Studies	\$ 66,849	-	66,849	-	-	\$ 66,849	
373	Watershed Management Plan	\$ 606,187	-	606,187	-	-	\$ 606,187	
240	Self Insurance Reserve	\$ 4,500,118	-	4,500,118	-	-	\$ 4,500,118	
240	Brine Line Debt Retirement	\$ 3,716,957	-	3,716,957	-	-	\$ 3,716,957	
240	Brine Line - Pipeline Replacement	\$ 21,966,458	-	13,623,267	-	7,601,191	\$ 21,966,458	
240	Brine Line - OC San Rehabilitation	\$ 2,380,866	-	2,380,866	-	-	\$ 2,380,866	
240	Brine Line - Capacity Management	\$ 11,989,412	-	11,989,412	-	-	\$ 11,989,412	
240	Brine Line - OC San Future Capacity	\$ 1,835,618	-	1,835,618	-	-	\$ 1,835,618	
240	Brine Line - Flow Imbalance Reserve	\$ 83,789	-	83,789	-	-	\$ 83,789	
240	Brine Line - Rate Stabilization Reserve	\$ 1,028,630	-	1,028,630	-	-	\$ 1,028,630	
240	Brine Line - Operating Reserve	\$ 4,093,114	2,139,935	1,953,179	-	-	\$ 4,093,114	
401	Legal Defense Fund	\$ 467,074	-	-	467,074	-	\$ 467,074	
374	Basin Monitoring Program TF	\$ 270,879	-	270,879	-	-	\$ 270,879	
381	SAR Fish Conservation	\$ 113,876	-	113,876	-	-	\$ 113,876	
384	Middle SAR TMDL TF	\$ 293,947	-	293,947	-	-	\$ 293,947	
386	RWQ Monitoring TF	\$ 307,754	-	307,754	-	-	\$ 307,754	
387	Mitigation Bank Credits	\$ 913,114	-	913,114	-	-	\$ 913,114	
392	Emerging Constituents TF	\$ 62,901	-	62,901	-	-	\$ 62,901	
504	Prop 84 - SARCCUP Projects	\$ 1,005,750	-	1,005,750	-	-	\$ 1,005,750	
505	Prop 1 - Capital Projects	\$ 270,971	-	270,971	-	-	\$ 270,971	
		\$ 58,629,294	\$ 3,688,465	\$ 46,130,565	\$ 467,074	\$ 7,601,191	\$ 742,000	\$ ¹⁷⁶ 58,629,294

Cash & Investments - July 2021

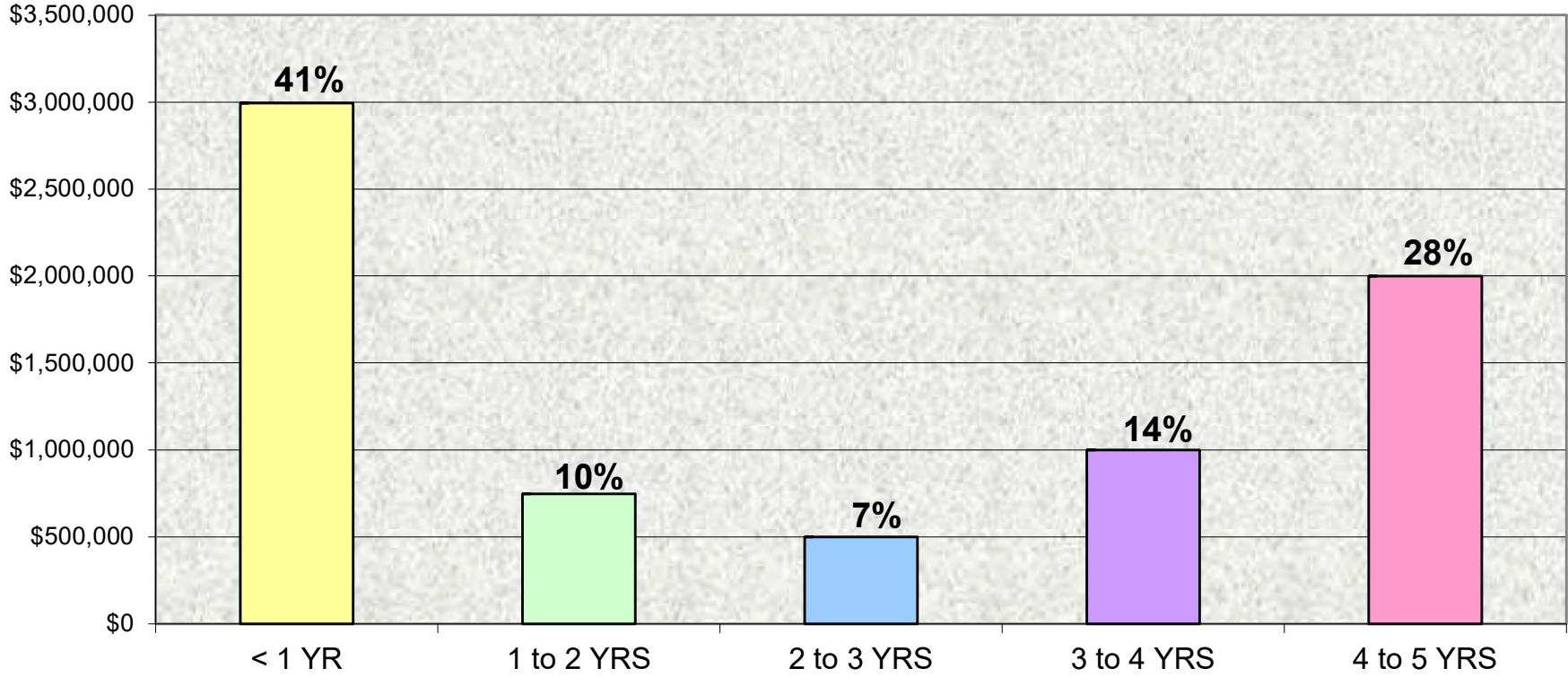
\$58,629,294



Santa Ana Watershed Project Authority
Reserve Account Analysis
July 31, 2021

Reserve Account	Balance @ 6/30/2021	Interest Earned	Fund Receipts/ Contributions	Debt Service Payments	Inter-Fund Loans	Fund Expenses	Balance @ 7/31/2021	Estimated Fund Changes	Balance @ 6/30/2022
Brine Line Operating Reserve	3,672,578	4,377	823,226			(407,067)	4,093,114	-	4,093,114
Flow Imbalance Reserve	83,681	107					83,787	-	83,787
OC San Future Capacity	1,833,264	2,354					1,835,618	-	1,835,618
Capacity Management	11,981,707	7,705					11,989,412	-	11,989,412
Rate Stabilization Reserve	1,027,311	1,319					1,028,630	-	1,028,630
Pipeline Replacement	21,889,082	-	77,398			(22)	21,966,458	(858,079)	21,108,379
OC San Rehabilitation	2,377,813	3,053					2,380,866	-	2,380,866
Debt Retirement	3,712,038	4,919					3,716,957	(898,963)	2,817,994
Self Insurance	4,494,364	5,754					4,500,118	-	4,500,118
General Fund	2,163,987	3,542	430,443		(556,662)	(492,780)	1,548,530	-	1,548,530
Building Reserve	643,260	835	100,000				744,095	-	744,095
	53,879,085	33,966	1,431,067	-	(556,662)	(899,869)	53,887,585	(1,757,042)	52,130,543

Twelve Month Maturity Schedule Securities

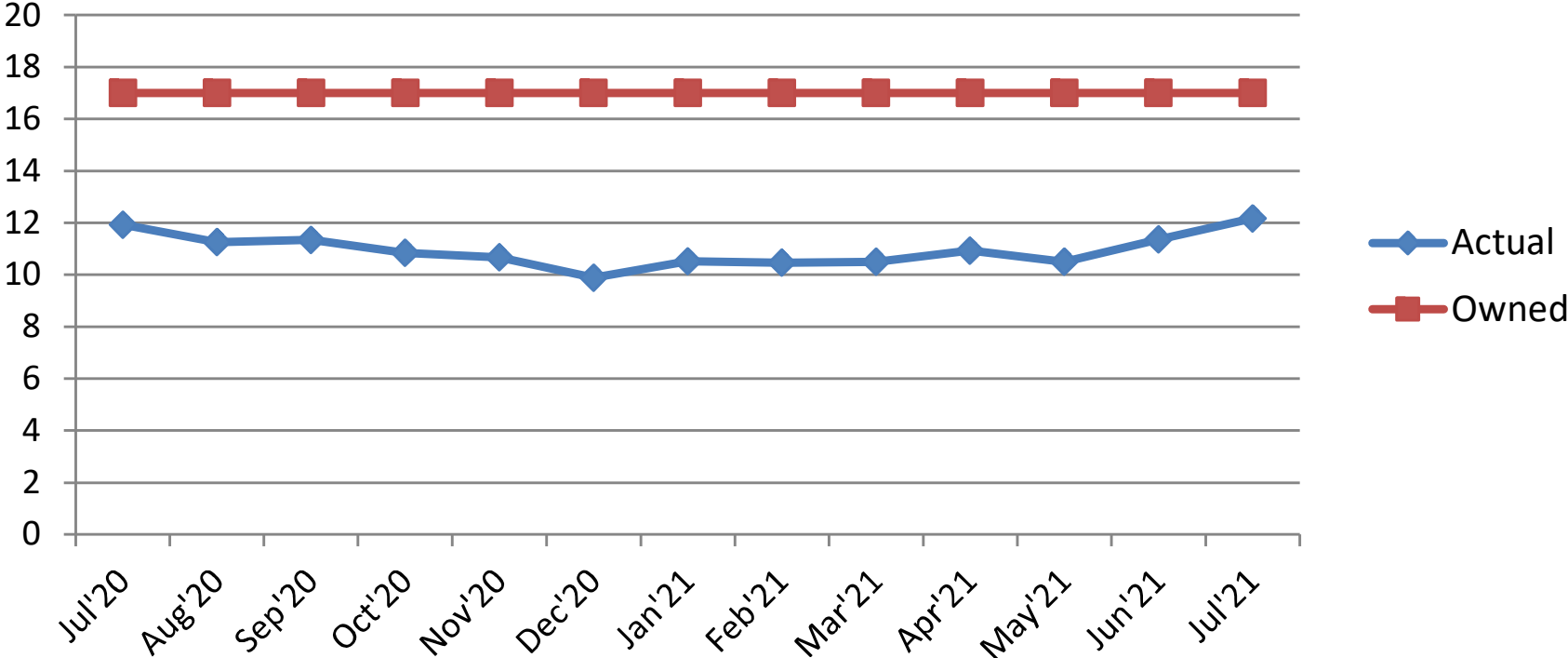


SAWPA
TREASURER'S REPORT
As of July 31, 2021

Investment Commercial
Safekeeping US Bank

Type	Security	Purchase Date	Maturity Date	Unit Cost	Cost	Principal	Current Value	Market Value	Interest Rate
Agency	FHLMC	9/16/2016	8/12/2021	100.00	\$ 990,060.00	\$ 1,000,000.00	\$ 1,000,000.00	1,000,352.00	1.125%
Agency	FHLMC	4/17/2017	1/13/2022	102.55	\$ 512,767.00	\$ 500,000.00	\$ 500,000.00	505,213.00	2.375%
Agency	FHLB	12/14/2017	6/10/2022	99.89	\$ 998,930.00	\$ 1,000,000.00	\$ 1,000,000.00	1,017,486.00	2.125%
Agency	FHLB	2/4/2020	12/13/2024	106.25	\$ 531,250.00	\$ 500,000.00	\$ 500,000.00	538,979.00	2.750%
Agency	FNMA	2/4/2020	1/7/2025	101.08	\$ 505,380.00	\$ 500,000.00	\$ 500,000.00	523,763.00	1.625%
Agency	FNMA	10/30/2020	8/25/2025	99.53	\$ 995,952.00	\$ 1,000,000.00	\$ 1,000,000.00	990,217.00	0.375%
Agency	USTN	4/19/2021	11/30/2025	98.25	\$ 982,500.00	\$ 1,000,000.00	\$ 1,000,000.00	989,102.00	0.375%
CORP	Apple Inc.	10/15/2018	5/3/2023	95.98	\$ 479,898.50	\$ 500,000.00	\$ 500,000.00	518,505.00	2.400%
CORP	Toyota Motor Credit Corp.	10/15/2018	9/20/2023	99.55	\$ 497,747.50	\$ 500,000.00	\$ 500,000.00	532,681.00	3.450%
CD	Sallie Mae BK SLT	7/1/2019	6/27/2022	100.00	\$ 247,000.00	\$ 247,000.00	\$ 247,000.00	247,000.00	2.250%
CD	Morgan Stanley Bank NA	7/5/2019	7/5/2022	100.00	\$ 247,000.00	\$ 247,000.00	\$ 247,000.00	247,000.00	2.200%
CD	Goldman Sachs Bank USA	12/20/2017	12/20/2022	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	2.500%
					\$ 7,236,485.00	\$ 7,242,000.00	\$ 7,242,000.00	7,358,298.00	1.963%

Average Daily Flow by Month





SUMMARY OF LABOR MULTIPLIERS

		Benefit Rate
Total Employee Benefits	110,290	0.276
Total Payroll	399,928	
Gross Indirect Costs	231,819	
Less: Member Contributions & Other Revenue	(39,583)	
Indirect Costs for Distribution	192,236	
		Indirect Rate
Direct Labor	274,585	0.700
Indirect Costs	192,236	
FY 2021-22 Labor multiplier - thru 07/31/21		0.976
FY 2021-22 Budgeted Labor multiplier		<u>2.009</u>
FY 2020-21 Labor multiplier		<u>1.724</u>
FY 2019-20 Labor multiplier		<u>2.309</u>
FY 2018-19 Labor multiplier		<u>2.059</u>



INDIRECT COSTS

(to be Distributed)

G/L Acct.	Description	Actual thru 7/31/21
51000	Salaries - Regular	\$ 125,343
52000	Benefits	\$ 49,636
60111	Tuition Reimbursement	\$ -
60112	Training	\$ -
60113	Education	\$ -
60114	Other Training & Education	\$ 132
60120	Audit Fees	\$ 5,000
60121	Consulting	\$ 5,659
60126	Temporary Services	\$ -
60128	Other Professional Services	\$ -
60129	Other Contract Services	\$ -
60130	Legal Fees	\$ -
60133	Employment Recruitment	\$ -
60153	Materials & Supplies	\$ -
60154	Safety	\$ 623
60155	Security	\$ 234
60156	Custodial Contract Services	\$ 1,691
60157	Landscaping Maintenance	\$ 1,240
60158	HVAC	\$ 4,773
60159	Facility Repair & Maintenance	\$ 1,395
60160	Telephone	\$ 1,052
60161	Cellular Services	\$ 421
60163	Electricity	\$ 1,813
60164	Water Services	\$ 323
60170	Equipment Expensed	\$ 222
60171	Equipment Rented	\$ 778

(Continued - next column)

G/L Acct.	Description	Actual thru 7/31/21
60172	Equipment Repair / Maintenance	\$ 118
60180	Computer Hardware	\$ 82
60181	Computer Software	\$ 1,680
60182	Internet Services	\$ 1,997
60183	Computer Supplies	\$ 79
60184	Computer Repair/Maint	\$ -
60190	Offsite Meeting/Travel Expense	\$ -
60191	In House Meetings	\$ -
60192	Conference Expense	\$ 700
60193	Car, Repair, Maintenance	\$ -
60200	Dues	\$ 305
60202	Subscriptions	\$ -
60203	Contributions	\$ 499
60210	Bank Charges	\$ -
60211	Shipping/Postage	\$ 27
60212	Office Supplies	\$ 284
60213	Offsite Storage	\$ 1,367
48000	Commission Fees	\$ 460
60221	Commission Mileage Reimb.	\$ -
60222	Other Commission Expense	\$ 70
60230	Other Expense	\$ -
60240	Building Lease	\$ 473
81010	Retiree Medical Expense	\$ 8,754
80001	Insurance Expense	\$ 6,258
80000	Building Repair/Replacement Reserve	\$ 8,333
80000	Fixed Assets	\$ -

Total Costs \$ 231,819

Direct Costs Paid by Projects \$ (237,216)
 Member Contribution Offset \$ 39,583
 \$ (197,632)

Over (Under) Allocation % -223.4%
 Over (Under) Allocation of General Fund Costs \$ (429,451)



BENEFITS SUMMARY

(Distributed based on Actual Labor)

<u>G/L Acct</u>	<u>Description</u>		<u>Budget</u>		<u>Actual @ 7/31/21</u>		<u>Projected FYE 2022</u>
70101	FICA Expense	\$	195,806	\$	14,082	\$	168,990
70102	Medicare Expense	\$	55,500	\$	3,455	\$	41,461
70103	State Unemployment Insurance	\$	4,284	\$	-	\$	4,000
70104	Worker's Compensation Insurance	\$	48,726	\$	4,061	\$	45,000
70105	State Disability Insurance	\$	35,108	\$	2,384	\$	28,608
70106	PERS Pension Plan	\$	481,931	\$	41,220	\$	481,931
70111	Medical Expense	\$	557,223	\$	36,713	\$	440,552
70112	Dental Expense	\$	28,794	\$	1,881	\$	22,576
70113	Vision Insurance	\$	7,801	\$	521	\$	6,246
70114	Life Insurance Expense	\$	15,229	\$	1,080	\$	12,957
70115	Long Term Disability	\$	17,702	\$	1,214	\$	14,564
70116	Wellness Program Expense	\$	4,050	\$	180	\$	3,900
70120	Car Allowance	\$	45,000	\$	3,500	\$	42,000
	Total Benefits	\$	1,497,154	\$	110,290	\$	1,312,785
	Total Payroll	\$	3,782,588	\$	399,928	\$	3,782,588
	Benefits Rate		39.6%		27.6%		34.7%

Santa Ana Watershed Project Authority
 Labor Hours Budget vs Actual
 Month Ending July 31, 2021

	Fund	Budget	Actual	%
100	General Fund	27,979	1,756	6.28%
135	Prop 84 - Round I Program Mgmt	46	86	186.96%
145	Prop 84 - 2015 Program Mgmt	885	93	10.48%
150	Prop1 - Program Management	1,095	11	1.00%
240	Brine Line Enterprise	20,485	1,616	7.89%
320	Brine Line Protection	575	0	0.04%
327	Reach IV-D Corrosion Repairs	60		0.00%
370-01	Basin Planning General	1,605	54	3.35%
370-02	USBR Partnership Studies	116	1	0.65%
373	Watershed Management (OWOW)	2,275	186	8.18%
374	Basin Monitoring Program TF	660	33	4.92%
381	SAR Fish Conservation	251	2	0.60%
384-01	MSAR TMDL TF	135	9	6.30%
386MONIT	RWQ Monitoring TF	204	9	4.53%
387	Arundo Removal & Habitat Restoration	225	11	4.89%
392	Emerging Constituents TF	245	23	9.29%
397ADMIN	WECAN Riverside	140	2	1.07%
398ADMIN	Prop 1 - DACI	130	151	115.96%
477-02	LESJWA - Administration	358	25	6.98%
477TMDL	LESJWA - TMDL Task Force	486	20	4.01%
504-401IMPLE	Prop 84 - Final Round Implementation	110	7	6.36%
504-401PA23	Prop 84 - Final Round PA23 Admin	240	11	4.58%
504-402PA22	Prop84 - Final Round PA22 Admin	145	38	25.86%
504-402RATES	Prop 84 - Final Round Water Rates	50	21	42.00%
504-402SMART	Prop 84 - Final Round SmartScape	50	-	0.00%
505-00	Prop1 - Capital Projects	540	7	1.30%
		59,090	4,168	7.05%

Note: Should be at 8.33% of budget for 1 month

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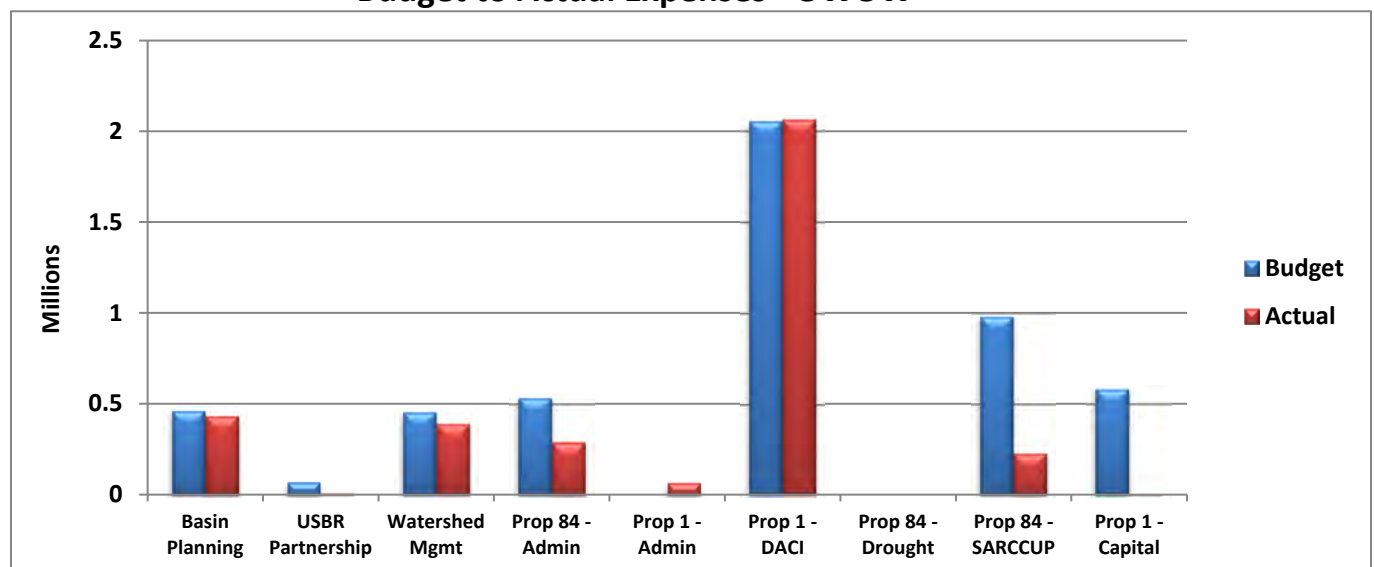
**Santa Ana Watershed Project Authority
PA25 - OWOW Fund - Financial Report
June 2021**

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

Overview	This report highlights the agency's key financial indicators for the Fiscal Year-to-Date (FYTD) through June 2021 unless otherwise noted.
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Budget to Actual Expenses - OWOW	✔ Favorable			
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Basin Planning General	\$460,814	\$460,814	\$431,438	\$29,376
USBR Partnership Studies	69,455	69,455	12,240	57,215
Watershed Mgmt. (OWOW)	449,871	449,871	387,379	62,492
Prop 84 - Administration	530,869	530,869	290,112	240,757
Prop 1 – Administration	-	-	63,558	(63,558)
Prop 1 – DACI	2,054,180	2,054,180	2,061,544	(7,364)
Prop 84 – Drought Projects	-	-	-	-
Prop 84 – SARCCUP & Other	979,142	979,142	229,447	749,695
Prop 1 – Capital Projects	580,266	580,266	6,471	573,795
Total	\$5,124,596	\$5,124,596	\$3,482,189	\$1,642,407

Budget to Actual Expenses - OWOW



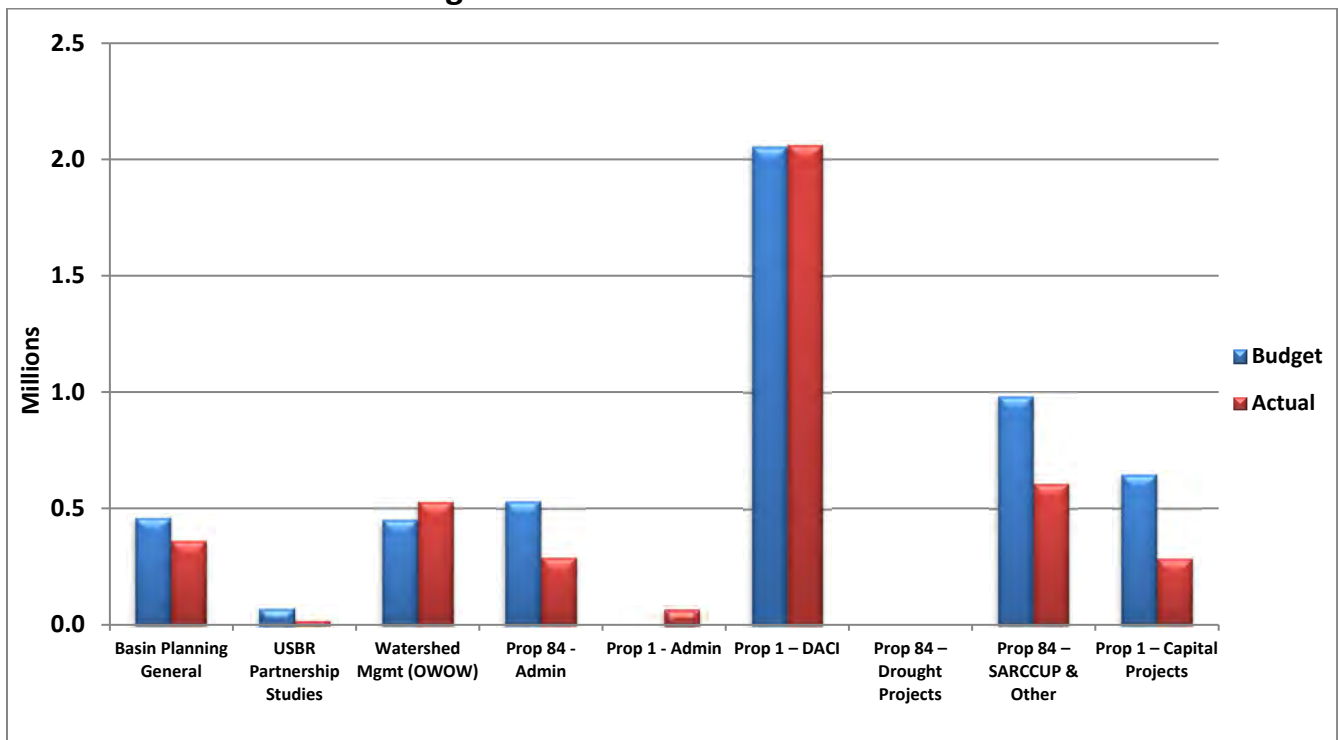
Budget to Actual Revenues - OWOW



Concern

	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Basin Planning General	\$460,000	\$460,000	\$361,954	(\$98,046)
USBR Partnership Studies	70,000	70,000	20,397	(49,603)
Watershed Mgmt. (OWOW)	450,000	450,000	526,670	76,670
Prop 84 - Administration	530,869	530,869	290,108	(240,761)
Prop 1 – Administration	-	-	63,557	63,557
Prop 1 – DACI	2,054,180	2,054,180	2,061,916	7,736
Prop 84 – Drought Projects	-	-	-	-
Prop 84 – SARCCUP & Other	979,142	979,142	606,413	(372,729)
Prop 1 – Capital Projects	642,668	642,668	285,365	(357,303)
Total	\$5,186,858	\$5,186,858	\$4,216,380	(\$970,478)

Budget to Actual Revenues - OWOW







Reserve Fund Balance - June

	Amount
Basin Planning General	\$144,008
USBR Partnership Studies	54,984
Watershed Management (OWOW)	392,280
Proposition 84 – SARCCUP & Other	1,026,385
Proposition 1 – Capital Projects	222,423
Total Reserves	\$1,840,080

Legend

Compared to Budget

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

Staff Comments

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


Total revenues are 11.2% below budget. Both the Proposition 1 and Proposition 84 projects have started out slowly this year. Those costs will be incurred in the next fiscal year. We had budgeted \$50,000 for federal funding for the USBR partnership studies which we did not receive. We had also budgeted \$100,000 for a partnership with the State for aerial imagery that did not materialize.

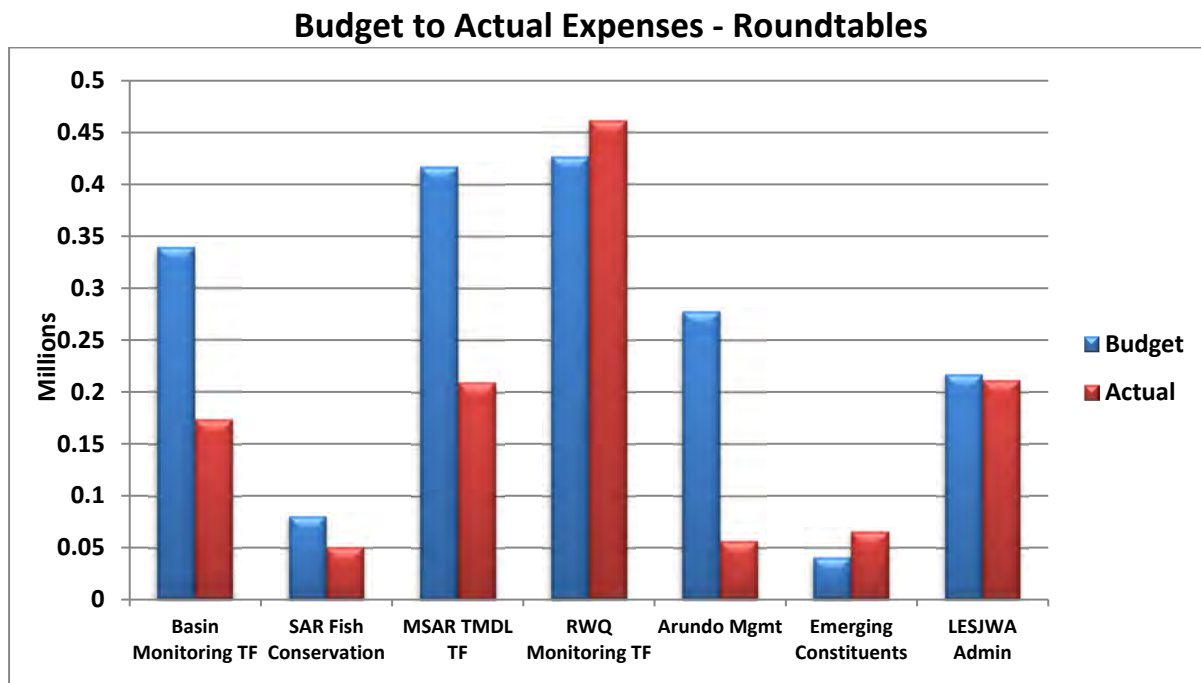
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**Santa Ana Watershed Project Authority
PA26 - Roundtable Fund - Financial Report
June 2021**

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

Overview	This report highlights the agency's key financial indicators for the Fiscal Year-to-Date (FYTD) through June 2021 unless otherwise noted.
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Budget to Actual Expenses - Roundtables				 On Track
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Basin Monitoring TF	\$339,272	\$339,272	\$173,148	\$166,124
SAR Fish Conservation	80,137	80,137	50,593	29,544
MSAR TMDL TF	417,267	417,267	209,266	208,001
RWQ Monitoring TF	426,489	426,489	461,288	(34,799)
Arundo Mgmt.	277,527	277,527	56,365	221,162
Emerging Constituents	40,297	40,297	65,173	(24,876)
LESJWA Admin	216,881	216,881	211,354	5,527
Total	\$1,797,871	\$1,797,871	\$1,227,187	\$570,684



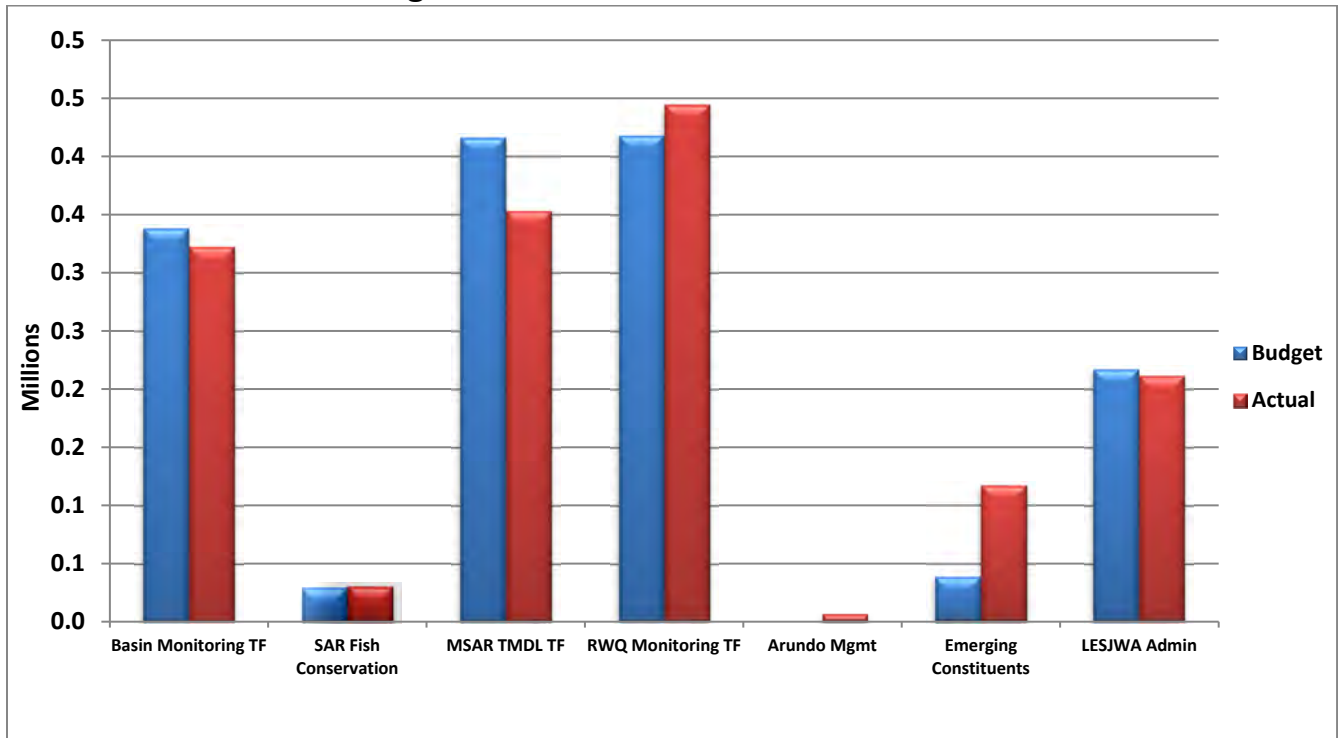
Budget to Actual Revenues - Roundtables



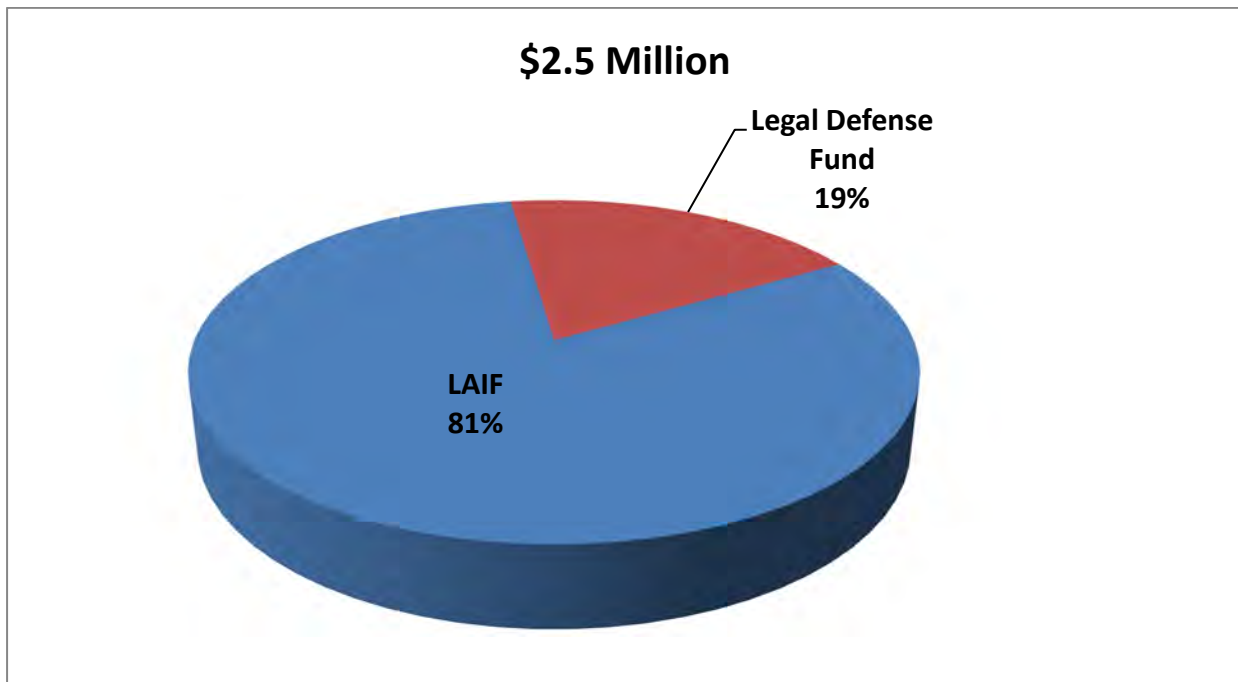
On Track

	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Basin Monitoring TF	\$338,000	\$338,000	\$322,242	(\$15,758)
SAR Fish Conservation	29,000	29,000	29,758	758
MSAR TMDL TF	416,000	416,000	353,081	(62,919)
RWQ Monitoring TF	418,000	418,000	444,479	26,479
Arundo Mgmt.	-	-	6,246	6,246
Emerging Constituents	38,711	38,711	116,877	78,166
LESJWA Admin	216,881	216,881	211,354	(5,527)
Total	\$1,456,592	\$1,456,592	\$1,484,037	(\$27,445)

Budget to Actual Revenues - Roundtables



Total Cash & Investments - June







Reserve Fund Balance – June

	Amount
Basin Monitoring Task Force	\$285,225
SAR Fish Conservation	108,010
Middle SAR TMDL Task Force	296,179
Regional Water Quality Monitoring Task Force	323,458
Arundo Management & Habitat	914,369
Emerging Constituents Task Force	69,284
Legal Defense Fund	467,072
Total Reserves	\$2,463,597

Legend

Compared to Budget

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

Staff Comments

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

- 1) Expenses are 32% below budget and revenues are 2% below budget.

COMMISSION MEMORANDUM NO. 2021.72

DATE: September 21, 2021
TO: SAWPA Commission
SUBJECT: Budget vs. Actual Variance Report
FYE 2021 Fourth Quarter – June 30, 2021
PREPARED BY: Karen Williams, DGM/CFO

RECOMMENDATION

It is recommended that the Commission receive and file the informational report on FYE 2021 Fourth Quarter Budget vs. Actual Variance Report.

DISCUSSION

Staff has developed a Budget vs. Actual Variance Report and presents this report on a quarterly basis. Attached is the FYE 2021 Budget vs. Actual Variance Report through June 30, 2021. The Agency's net revenue was \$2,444,523, which was \$2,723,539 more favorable than budgeted. Several significant items comprise the majority of this favorable variance:

Operating Revenue was \$241,987 less than budgeted. This unfavorable variance is due to lower BOD and TSS charges than budgeted and waiting 6 months to increase the rates.

Operating Expense was \$2,439,478 less than budgeted. This favorable variance is due to lower BOD and TSS charges and a slow start to receiving Proposition 1 and 84 project invoices.

Non-Operating Revenue/Expense was \$526,051 more than budgeted. This favorable variance is due to early completion on CIP projects and the receipt of OC San invoices from last fiscal year.

Favorable Revenue Variances

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

Use of Reserves – The 37% variance of \$1,362,303 is due to having received invoices of \$1,358,656 from OC San for construction projects from last fiscal year. The funding source for these projects are Use of Reserves.

Unfavorable Revenue Variances

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

Grant Proceeds – The 28% variance of \$1,007,059 is due to the delay of receiving invoices for Proposition 1 and 84 projects from the project proponents.

Favorable Expense Variances

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

Labor – The 18% variance of \$754,348 is due to not filling the Executive Counsel, Watershed Planner, and the Executive Assistant position in FYE 2021. Total budgeted COLA and merit increases were not fully utilized as well.

Consulting & Professional Services – The 32% variance of \$1,155,173 is due to the delay of receiving invoices for Proposition 1 and 84 projects from the project proponents.

Operating Costs – The 27% variance of \$1,015,446 is due to lower BOD and TSS charges than budgeted and not utilizing outside services for operations, pretreatment and maintenance.

Unfavorable Expense Variances

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

Construction – The 125% variance of \$1,502,019 is due to mainly to the receipt of invoices for \$1,358,656 from OC San for construction projects from last fiscal year.

RESOURCE IMPACTS

None.

Attachment:

1. Variance Report

Santa Ana Watershed Project Authority
 FYE 2021 Budget vs. Actual
 for the Period Ending June 30, 2021

Consolidated

	FYE 2021 Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue				
Discharge Fees	\$12,401,418	\$12,159,431	-\$241,987	-1.95%
Total Operating Revenue	12,401,418	12,159,431	-241,987	-1.95%
Operating Expenses				
Labor	4,173,739	3,419,391	754,348	18.07%
Benefits	1,890,627	1,548,984	341,643	18.07%
Education & Training	62,700	19,610	43,090	68.72%
Consulting & Professional Services	3,571,535	2,416,362	1,155,173	32.34%
Operating Costs	3,801,050	2,785,604	1,015,446	26.71%
Repair & Maintenance	507,550	360,509	147,041	28.97%
Phone & Utilities	87,600	69,292	18,308	20.90%
Equipment & Computers	379,650	239,729	139,921	36.86%
Meeting & Travel	112,650	4,481	108,169	96.02%
Other Administrative Costs	316,453	224,315	92,138	29.12%
Other Expense	281,600	254,866	26,734	9.49%
Program Expenses	1,138,035	828,474	309,561	27.20%
Construction	1,200,000	2,702,019	-1,502,019	-125.17%
Operating Transfers	133,000	133,000	0	0.00%
Indirect Costs	0	210,082	-210,082	0.00%
Total Operating Expenses	17,656,189	15,216,717	2,439,478	13.82%
Net Operating Revenue / (Deficit)	-5,254,771	-3,057,287	-2,681,465	51.03%
Non-Operating Revenue (Expense)				
Member Agency Contributions	1,530,340	1,530,340	0	0.00%
Participant Fees	1,881,337	1,930,499	49,162	2.61%
Grant Proceeds	3,572,232	2,565,173	-1,007,059	-28.19%
Debt Service	-2,835,027	-2,835,753	-726	-0.03%
Interest & Investments	675,000	385,084	-289,916	-42.95%
Other Income	206,881	522,612	315,731	152.61%
Contributions to Reserves	-3,897,064	-3,800,507	96,557	2.48%
Operating Transfers	133,000	133,000	0	0.00%
Use of Reserves	3,709,056	5,071,359	1,362,303	36.73%
Net Non-Operating Revenue / (Deficit)	4,975,755	5,501,810	526,051	10.57%
Net Revenue / (Deficit)	-\$279,016	\$2,444,523	\$2,723,539	

Santa Ana Watershed Project Authority
 FYE 2021 Budget vs. Actual
 for the Period Ending June 30, 2021

General Fund

	FYE 2021 Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue				
Total Operating Revenue	\$0	\$0	\$0	0.00%
Operating Expenses				
Labor	1,814,837	1,528,571	286,267	15.77%
Benefits	822,088	692,442	129,646	15.77%
Education & Training	50,200	19,603	30,597	60.95%
Consulting & Professional Services	429,000	334,421	94,579	22.05%
Operating Costs	6,550	3,618	2,932	44.76%
Repair & Maintenance	122,550	90,129	32,421	26.46%
Phone & Utilities	75,900	57,476	18,424	24.27%
Equipment & Computers	212,650	190,486	22,164	10.42%
Meeting & Travel	77,000	4,091	72,909	94.69%
Other Administrative Costs	209,603	158,965	50,639	24.16%
Other Expense	139,250	70,512	68,738	49.36%
Indirect Costs	-3,557,110	-2,641,275	-915,835	25.75%
Total Operating Expenses	402,516	509,040	-106,519	-26.46%
Net Operating Revenue / (Deficit)	-402,516	-509,040	106,519	-26.46%
Non-Operating Revenue (Expense)				
Member Agency Contributions	680,340	680,340	0	0.00%
Interest & Investments	0	21,707	21,707	100.00%
Other Income	0	3,832	3,832	100.00%
Building Reserve	-100,000	-100,000	0	0.00%
Retiree Medical Reserve	-177,823	-81,266	96,557	54.30%
Net Non-Operating Revenue / (Deficit)	402,516	524,614	122,097	30.33%
Net Revenue / (Deficit)	\$0	\$15,574	\$15,573	

Santa Ana Watershed Project Authority
 FYE 2021 Budget vs. Actual
 for the Period Ending June 30, 2021

Brine Line Enterprise Fund

	FYE 2021 Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue				
Discharge Fees	\$12,401,418	\$12,159,431	-\$241,987	-1.95%
Total Operating Revenue	12,401,418	12,159,431	-241,987	-1.95%
Operating Expenses				
Labor	1,320,100	1,222,530	97,570	7.39%
Benefits	597,981	553,806	44,175	7.39%
Education & Training	12,500	7	12,493	99.95%
Consulting & Professional Services	280,000	130,145	149,855	53.52%
Operating Costs	3,792,500	2,778,437	1,014,063	26.74%
Repair & Maintenance	385,000	270,380	114,620	29.77%
Phone & Utilities	11,700	11,815	-115	-0.99%
Equipment & Computers	161,500	49,091	112,409	69.60%
Meeting & Travel	10,000	285	9,715	97.15%
Other Administrative Costs	77,900	42,543	35,357	45.39%
Other Expense	142,350	184,354	-42,003	-29.51%
Indirect Costs	1,990,646	1,843,575	147,072	7.39%
Total Operating Expenses	8,782,177	7,086,967	1,695,212	19.30%
Net Operating Revenue / (Deficit)	3,619,241	5,072,464	-1,453,224	-40.15%
Non-Operating Revenue (Expense)				
Interest & Investments	675,000	342,986	-332,014	-49.19%
Other Income	0	317,425	317,425	100.00%
Debt Service	-2,835,027	-2,835,753	-726	-0.03%
Use of Reserves	2,160,027	2,160,027	0	0.00%
Contributions to Reserves	-3,619,241	-3,619,241	0	0.00%
Net Non-Operating Revenue / (Deficit)	-3,619,241	-3,634,556	-15,314	0.42%
Net Revenue / (Deficit)	\$0	\$1,437,909	\$1,437,909	

Santa Ana Watershed Project Authority
 FYE 2021 Budget vs. Actual
 for the Period Ending June 30, 2021

OWOW Fund

	FYE 2021 Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue				
Total Operating Revenue	\$0	\$0	\$0	0.00%
Operating Expenses				
Labor	795,748	467,383	328,365	41.26%
Benefits	360,459	211,724	148,735	41.26%
Consulting & Professional Services	1,740,505	1,258,504	482,001	27.69%
Equipment & Computers	500	152	348	69.53%
Meeting & Travel	24,100	105	23,995	99.56%
Other Administrative Costs	15,300	11,034	4,266	27.88%
Program Expenses	988,035	828,474	159,562	16.15%
Indirect Costs	1,199,949	704,813	495,136	41.26%
Total Operating Expenses	5,124,596	3,482,189	1,642,407	32.05%
Net Operating Revenue / (Deficit)	-5,124,596	-3,482,189	-1,642,407	32.05%
Non-Operating Revenue (Expense)				
Member Agency Contributions	830,000	830,000	0	0.00%
Participant Fees	784,626	815,260	30,634	3.90%
Grant Proceeds	3,572,232	2,565,172	-1,007,060	-28.19%
Interest & Investments	0	5,947	5,947	100.00%
Net Non-Operating Revenue / (Deficit)	5,186,858	4,216,380	-970,479	-18.71%
Net Revenue / (Deficit)	\$62,262	\$734,190	\$671,928	
Project Reimbursement (Prop 84 Capital)	\$15,380,781	\$2,690,875	\$12,689,906	

Santa Ana Watershed Project Authority
 FYE 2021 Budget vs. Actual
 for the Period Ending June 30, 2021

Roundtables Fund

	FYE 2021 Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue				
Total Operating Revenue	\$0	\$0	\$0	0.00%
Operating Expenses				
Labor	158,781	154,065	4,717	2.97%
Benefits	71,926	69,791	2,135	2.97%
Consulting & Professional Services	1,027,030	616,496	410,534	39.97%
Operating Costs	0	3,192	-3,192	-100.00%
Equipment & Computers	5,000	0	5,000	100.00%
Meeting & Travel	1,550	0	1,550	100.00%
Other Administrative Costs	11,150	11,772	-622	-5.58%
Construction	0	6,541	-6,541	-100.00%
Program Expenses	150,000	0	150,000	100.00%
Operating Transfer	133,000	133,000	0	0.00%
Indirect Costs	239,434	232,330	7,104	2.97%
Total Operating Expenses	1,797,871	1,227,187	570,685	31.74%
Net Operating Revenue / (Deficit)	-1,797,871	-1,227,187	-570,685	31.74%
Non-Operating Revenue (Expense)				
Member Agency Contributions	20,000	20,000	0	0.00%
Participant Fees	1,096,711	1,115,239	18,528	1.69%
Other Income	206,881	201,354	-5,527	-2.67%
Operating Transfer	133,000	133,000	0	0.00%
Interest & Investments	0	14,444	14,444	100.00%
Net Non-Operating Revenue / (Deficit)	1,456,592	1,484,037	27,445	1.88%
Net Revenue / (Deficit)	-\$341,279	\$256,850	\$598,129	

Santa Ana Watershed Project Authority
 FYE 2021 Budget vs. Actual
 for the Period Ending June 30, 2021

Capital Projects Fund

	FYE 2021 Budget	YTD Actual	Favorable (Unfavorable) Variance	
Operating Revenue				
Total Operating Revenue	\$0	\$0	\$0	0.00%
Operating Expenses				
Labor	84,274	46,843	37,431	44.42%
Benefits	38,175	21,220	16,956	44.42%
Consulting & Professional Services	95,000	76,796	18,204	19.16%
Operating Costs	2,000	357	1,643	82.16%
Other Administrative Costs	2,500	0	2,500	100.00%
Construction	1,200,000	2,695,477	-1,495,477	-124.62%
Indirect Costs	127,081	70,639	56,442	44.41%
Total Operating Expenses	1,549,029	2,911,332	-1,362,303	-87.95%
Net Operating Revenue / (Deficit)	-1,549,029	-2,911,332	1,362,303	-87.95%
Non-Operating Revenue (Expense)				
Use of Reserves	1,549,029	2,911,332	1,362,303	87.95%
Net Non-Operating Revenue / (Deficit)	1,549,029	2,911,332	1,362,303	87.95%
Net Revenue / (Deficit)	\$0	\$0	\$0	



**Santa Ana Watershed
Project Authority**

**Financial Report for the 4th Quarter
Ending June 30, 2021**

1

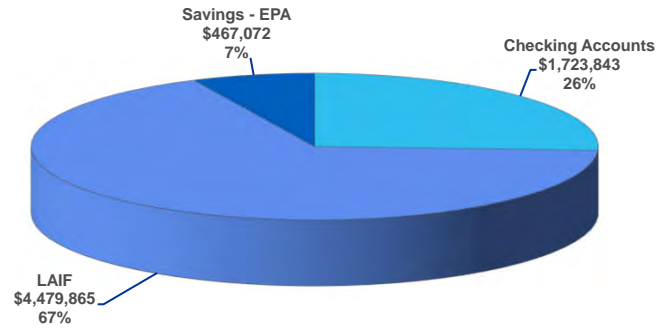
Agenda

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

2

Cash & Investments

\$6,670,780



3

Cash & Investments

Total by Fund

General Fund	\$2,367,103
OWOW Fund	1,840,080
Roundtable Fund	1,996,525
Fiduciary Fund	467,072
Total	\$6,670,780

4

Cash & Investments

General Funds

Fund	Checking (Cash)	LAIF Account	Total
General Fund	\$1,723,843	\$0	\$1,723,843
Building Reserve	0	643,260	643,260
Total	\$1,723,842	\$643,260	\$2,367,103

5

Cash & Investments

OWOW Funds

Fund	LAIF Account
General Basin Planning	\$144,008
USBR Partnership Studies	54,984
Watershed Mgmt Plan	392,280
Prop 84 SARCCUP Projects	1,026,385
Prop 1 Capital Projects	222,423
Total	\$1,840,080

6

Cash & Investments

Roundtable Funds

Fund	LAIF Account
Basin Monitoring	\$285,225
RWQ Monitoring TF	323,458
SAR Fish Conservation	108,010
Middle SAR TMDL TF	296,179
Emerging Constituents TF	69,284
Mitigation Banking	914,369
Total	\$1,996,525

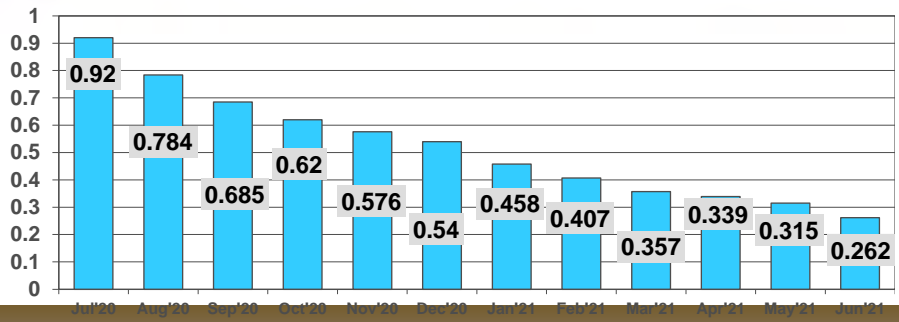
Cash & Investments

Fiduciary Funds

Fund	Savings EPA
Legal Defense Fund	\$467,072
Total	\$467,072

Cash & Investments

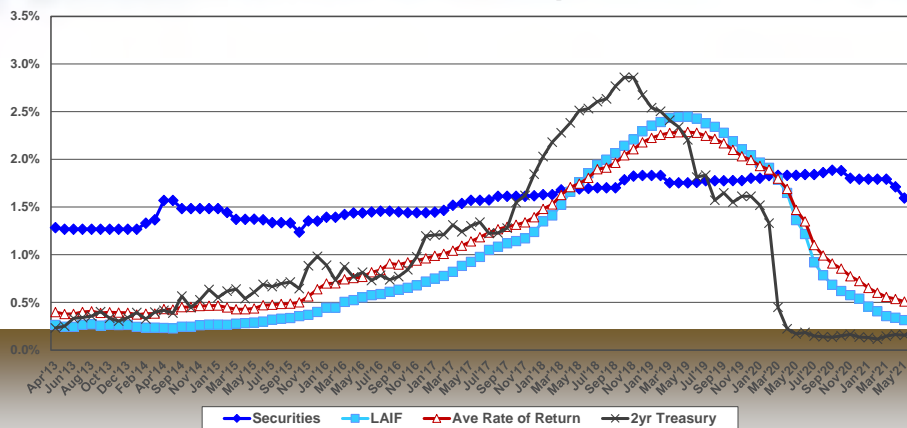
LAIF Interest Rates



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Cash & Investments

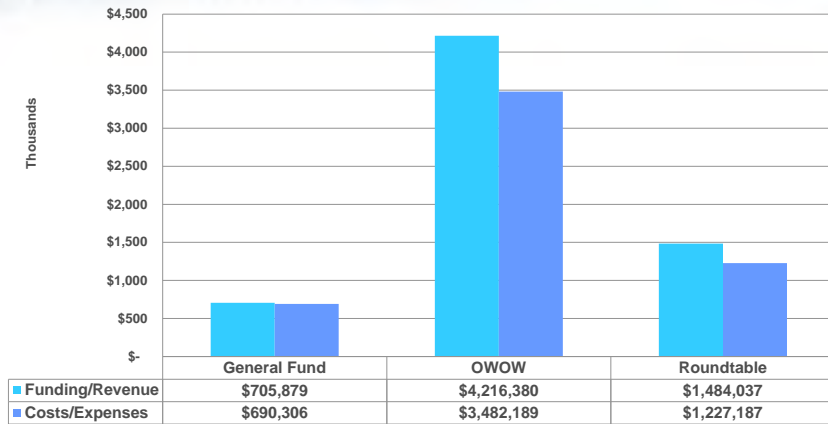
Interest Rate Comparison



10

Analysis by Fund Type

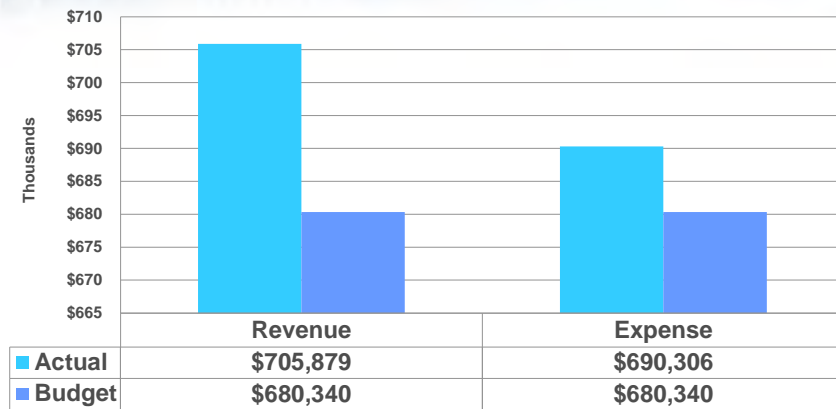
Revenues and Expenses



11

General Fund

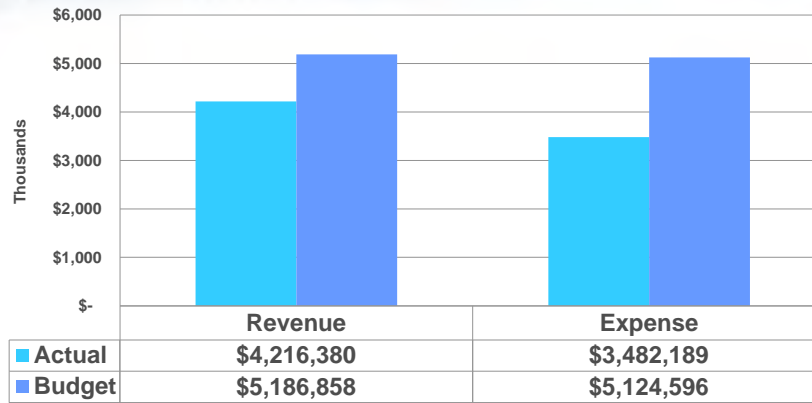
Budget vs. Actual



12

OWOW Funds

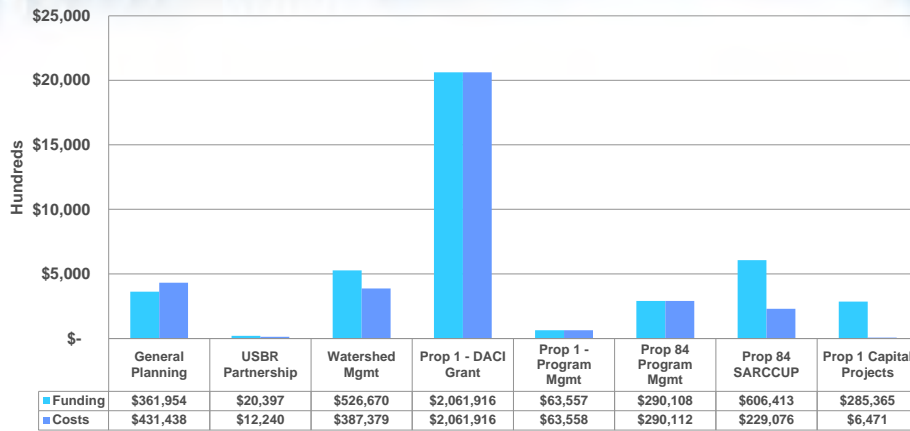
Budget vs. Actual



13

OWOW Funds

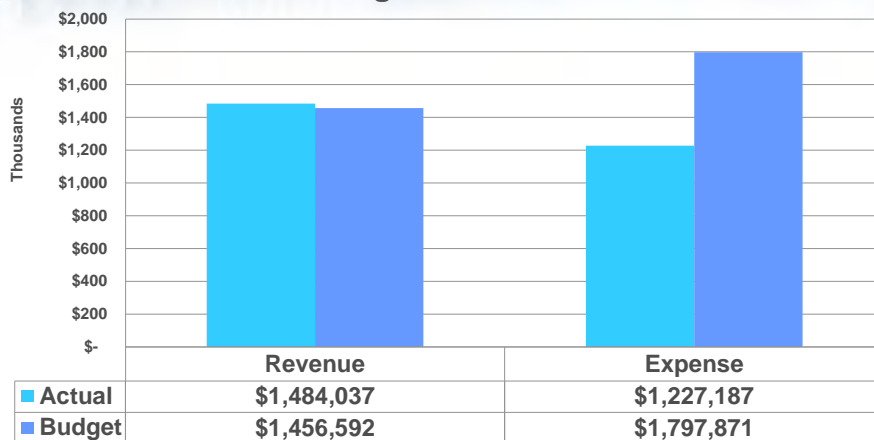
Costs vs. Funding



14

Roundtable Funds

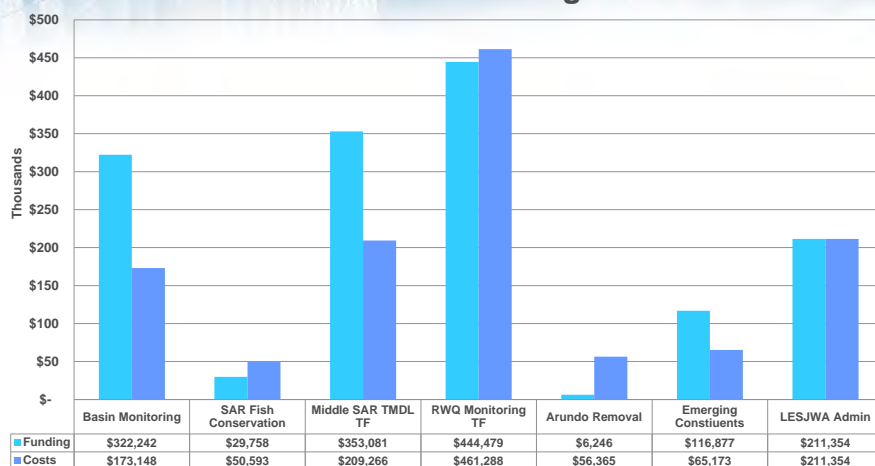
Budget vs. Actual



15

Roundtable Funds

Costs vs. Funding



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Questions ?

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Santa Ana Watershed Project Authority
 General Manager - Expense Report
 4th Quarter FYE 2021

Staff	Mosher
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Sum of Amount		Expn Type	
Posting Date	Activity	Registration	Grand Total
04/30/2021	ACWA Spring Conference	375.00	375.00
04/30/2021 Total		375.00	375.00
06/30/2021	AWWA Conference	295.00	295.00
	CWEA Conference	525.00	525.00
06/30/2021 Total		820.00	820.00
Grand Total		1,195.00	1,195.00

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Santa Ana Watershed Project Authority

Staff - Expense Report

4th Quarter FYE 2021

Sum of Amount			Expn Type					Grand Total
Staff	Posting Date	Activity	Airfare	Meals	Mileage	Misc	Registration	
Norton	04/30/2021	ASCE Virtual Infrastructure Symposium					50.00	50.00
		WaterNow Alliance Virtual Summit					25.00	25.00
Norton Total							75.00	75.00
Plasencia	06/15/2021	Drive to SARI Metering Station			16.02			16.02
Plasencia Total					16.02			16.02
Whetsel	04/30/2021	CASQA Webcast				105.00		105.00
Whetsel Total						105.00		105.00
Williams	04/30/2021	CGIP Certification Test Prep	177.96					177.96
	05/31/2021	GFOA Virtual Conference Lunch Meeting with IEUA					420.00	420.00
Williams Total			177.96	26.38			420.00	624.34
Grand Total			177.96	26.38	16.02	105.00	495.00	820.36

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General Manager's Report

September 2021

Santa Ana Watershed Project Authority | 11615 Sterling Avenue, Riverside, CA 92503 | www.sawpa.org

INSIDE THE SEPTEMBER REPORT

- 1** Recent One Water One Watershed (OWOW) Workshops
- 2** Riverside County Transportation Commission - I-15 and SR-91 Express Lanes Connector Project

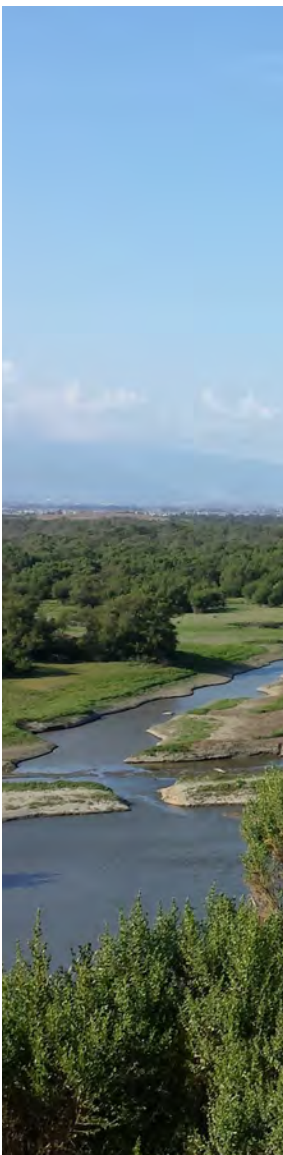
Recent One Water One Watershed (OWOW) Workshops

SAWPA staff continues to host OWOW workshops focused on the upcoming Proposition 1 Round 2 Integrated Regional Water Management grant opportunity. Special workshops have been hosted for small water systems, that may have disadvantaged communities, as well as Native American Tribes. There will be approximately \$27 million available in Round 2 for projects within the Santa Ana River Watershed.



Riverside County Transportation Commission - I-15 and SR-91 Express Lanes Connector Project

The Riverside County Transportation Commission (RCTC) awarded a contract to Myers & Sons—Rados, a joint venture (Contractor) to complete the express lanes connector from Interstate 15 to California State Route 91. The construction will be near the existing Reach 4B Upper of the Brine Line and some of the proposed footings will be approximately 3-feet (horizontal distance) from the 18-inch PVC line. The Contractor has located the Brine Line and while construction activities will be close, no impacts are anticipated. SAWPA staff will monitor this activity during the next 2 years to ensure that the Brine Line continues to serve the Arlington Desalter, the main discharger to this section of the Brine Line.



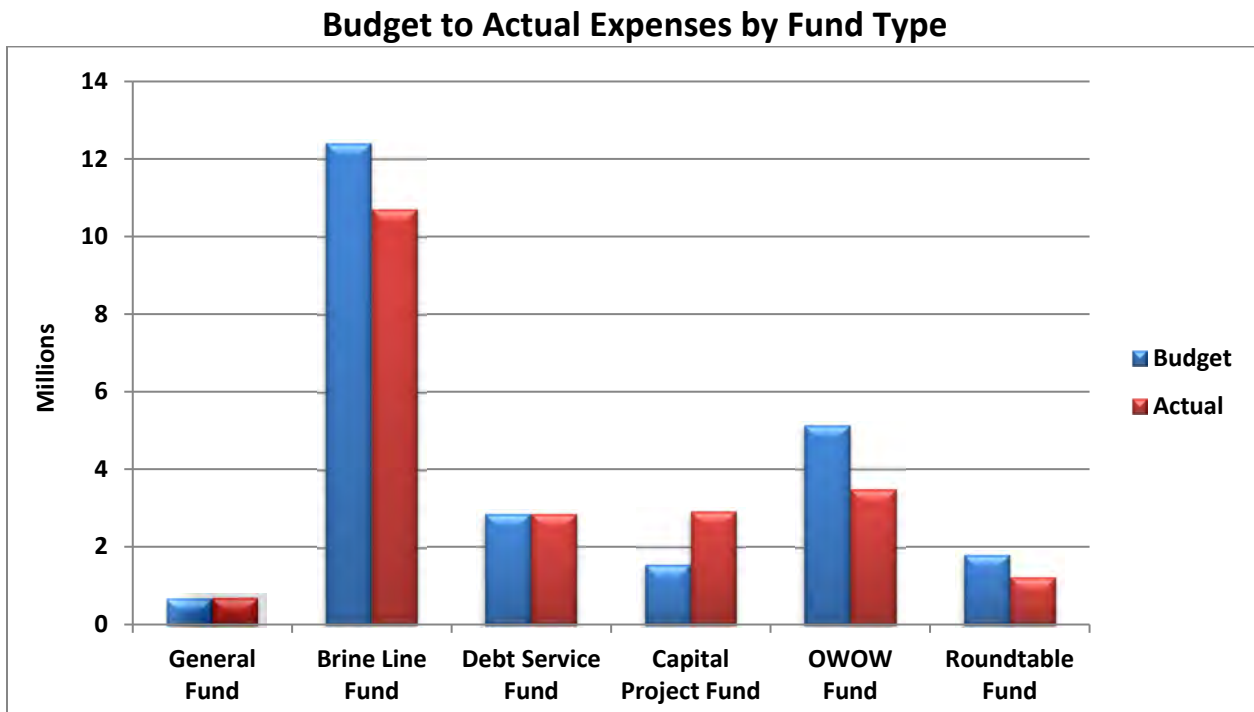
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**Santa Ana Watershed Project Authority
Executive Financial Information Report
June 2021**

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

Overview	This report highlights the agency's key financial indicators for the Fiscal Year-to-Date (FYTD) June 2021 unless otherwise noted.
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Budget to Actual Expenses by Fund Type	✔ Favorable			
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
General Fund	\$680,339	\$680,339	\$690,306	(\$9,967)
Brine Line Enterprise	12,401,418	12,401,418	10,706,210	1,695,208
Debt Service Fund	2,835,027	2,835,027	2,835,753	(726)
Capital Project Fund	1,549,029	1,549,029	2,911,332	(1,362,303)
OWOW Fund	5,124,596	5,124,596	3,482,189	1,642,407
Roundtable Fund	1,797,871	1,797,871	1,227,187	570,684
Total	\$24,388,280	\$24,388,280	\$21,852,977	\$2,535,303



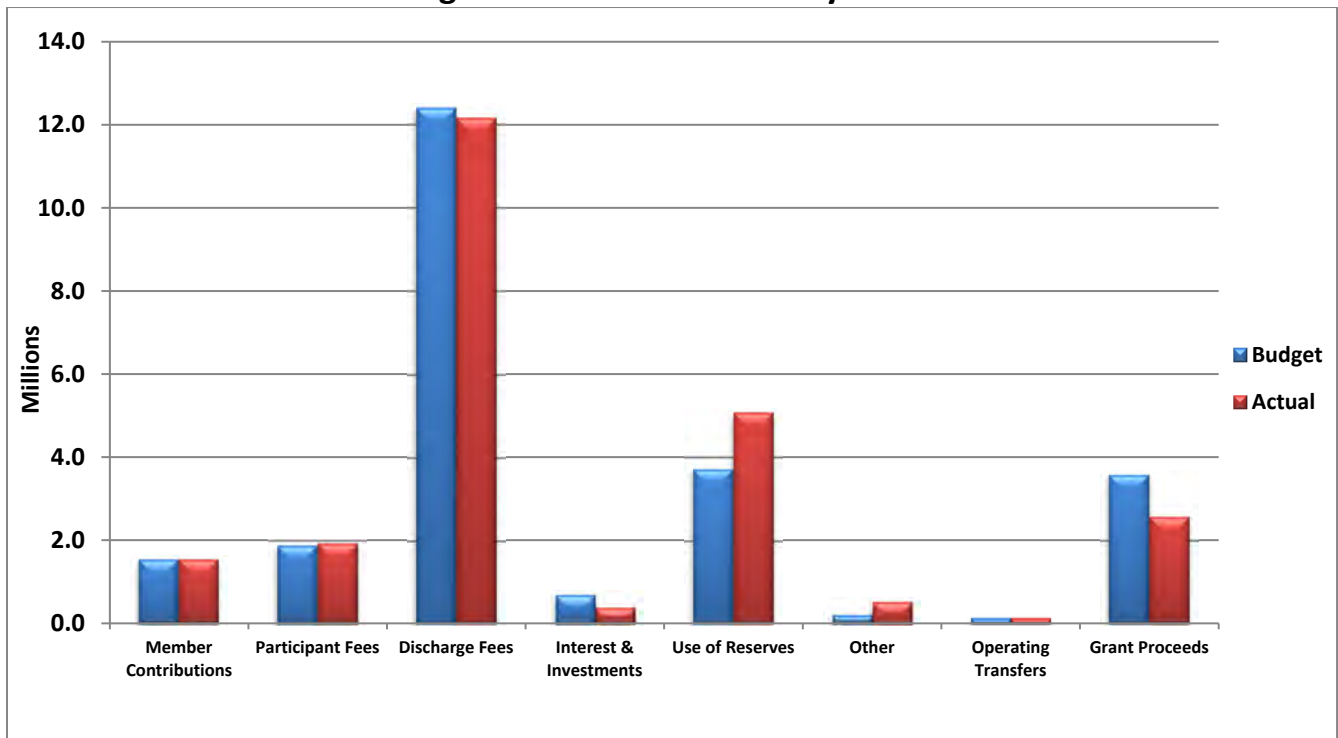
Budget to Actual Revenues by Source



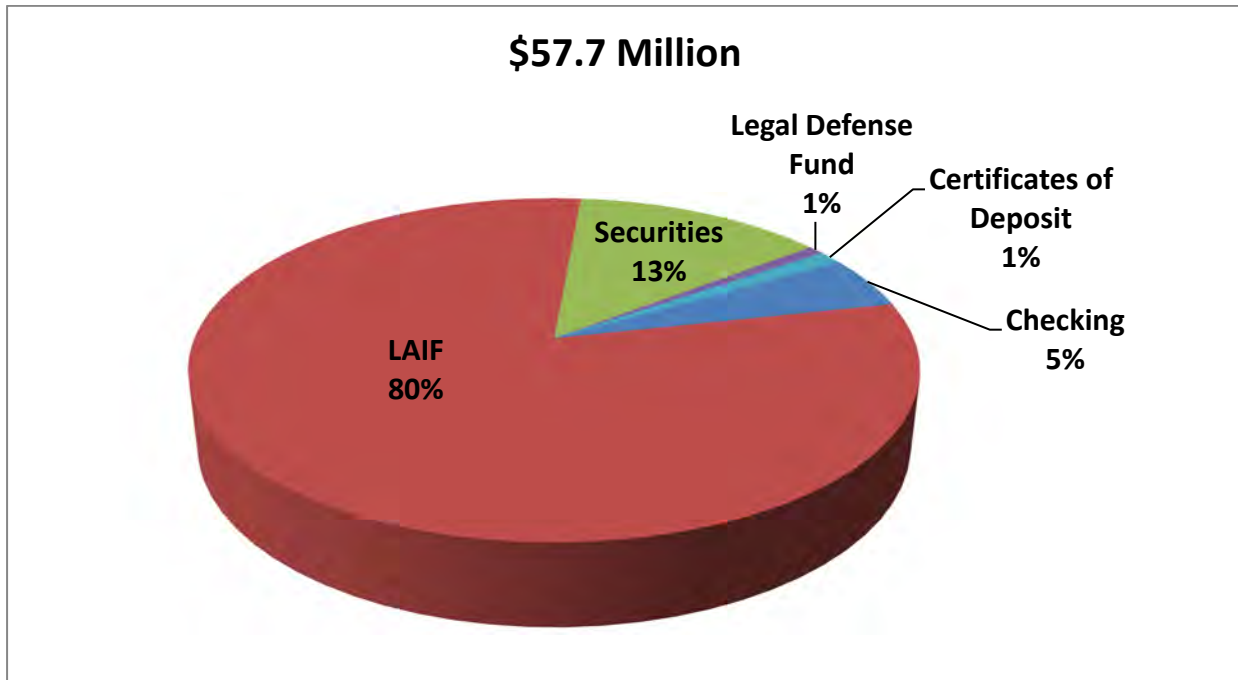
On Track

	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Member Contributions	\$1,530,340	\$1,530,340	\$1,530,340	\$-
Participant Fees	1,881,337	1,881,337	1,930,499	49,162
Discharge Fees	12,401,418	12,401,418	12,159,431	(241,987)
Interest & Investments	675,000	675,000	385,084	(289,916)
Use of Reserves	3,709,056	3,709,056	5,071,359	1,362,303
Other	206,881	206,881	522,612	315,731
Operating Transfers	133,000	133,000	133,000	-
Grant Proceeds	3,572,232	3,572,232	2,565,173	(1,007,059)
Total	\$24,109,263	\$24,109,263	\$24,297,498	\$188,234

Budget to Actual Revenues by Source



Total Cash & Investments - June







Reserve Fund Balance – June

	Amount
General Fund	\$1,723,843
Building Fund	643,260
OWOW Fund	1,840,080
Roundtable Fund	2,463,597
Self Insurance	4,494,364
Debt Retirement	3,712,038
Pipeline Replacement	21,889,082
OC San Rehabilitation	2,377,813
Capacity Management	11,981,707
Future Capacity	1,833,264
Rate Stabilization	1,027,311
Flow Imbalance	83,681
Brine Line Operating	3,672,578
Total Reserves	\$57,742,620

Legend

Compared to Budget

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

Staff Comments

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

Expenses are 10% lower than budgeted and revenues are 0.78% higher than budgeted for the fiscal year. The Capital Projects Fund is \$1,491,350 over budget. The variance is due mainly to OC San having billed \$1,358,656 in construction costs for projects from the previous year and early completion of CIP projects.



September 10, 2021

To: Santa Ana Watershed Project Authority

From: Michael Boccadoro
Beth Olhasso

RE: August Report

Overview:

Drought conditions continue to dominate headlines and drive conversations about water conservation. With major reservoirs dropping into capacity levels around 20 percent or lower, regulators are starting to take aggressive action. The State Water Resources Control Board (SWRCB) issued curtailment orders in the Delta and a water shortage was declared on the Colorado River. Regulators and interested parties are trying to balance water supplies for urban and agricultural users while ensuring consideration for fish and habitat. A statewide drought declaration is expected from Governor Newsom at the end of the water year on September 30.

As water managers try to navigate this drought, environmental groups are attacking the Voluntary Agreements as not doing enough to protect fish and habitat. The Newsom administration seems to still be committed to the process and are pushing for the VAs to be completed soon.

The SWRCB has hit the ground running with allocating almost \$1 billion in arrearage funding to California water and wastewater utilities. A survey has been sent to all utilities to gauge the need statewide. Program guidelines are expected by mid-October with the funding to be allocated by the end of January 2022.

The Legislature and the administration finally came to an agreement on the final pieces of the state budget. Before session adjourned in a final drought package and a three-year climate resiliency package passed. Notably, funding for recycled water, groundwater cleanup, drinking water, wastewater, multi benefit projects and other drought relief measures were all included in the package.

The Legislature returned from summer recess on August 14 for the final few weeks before the September 10 adjournment of the first year of the two-year session. The final Appropriations Committee Suspense Files were taken up on August 26 and the session was adjourned until January. As mentioned in previous reports, many of SAWPA's priority bills were held in the first house. Legislation on flushable product labeling and stormwater capture are waiting for the Governor's action by October 10.

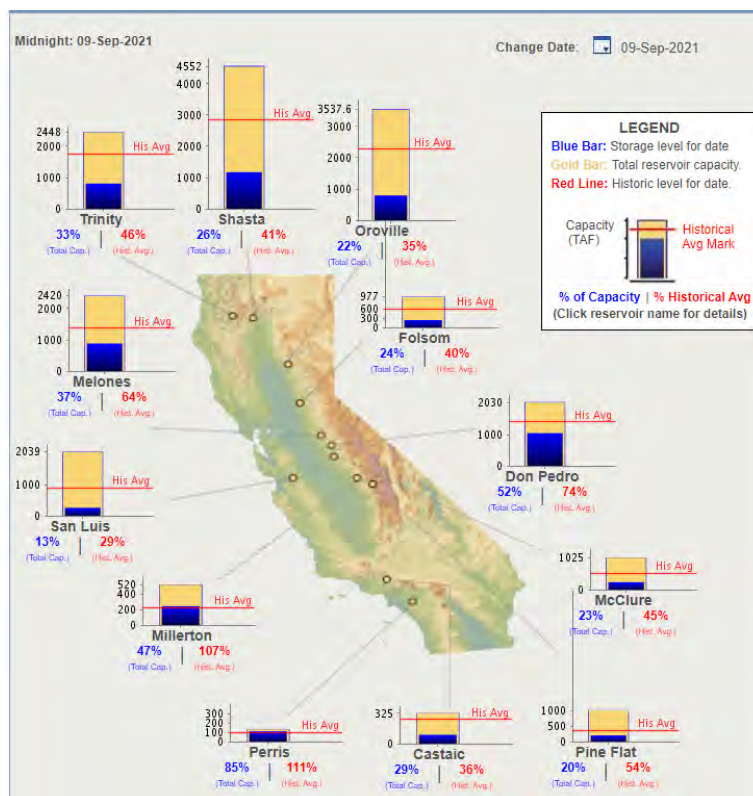
Santa Ana Watershed Project Authority Status Report – August 2021

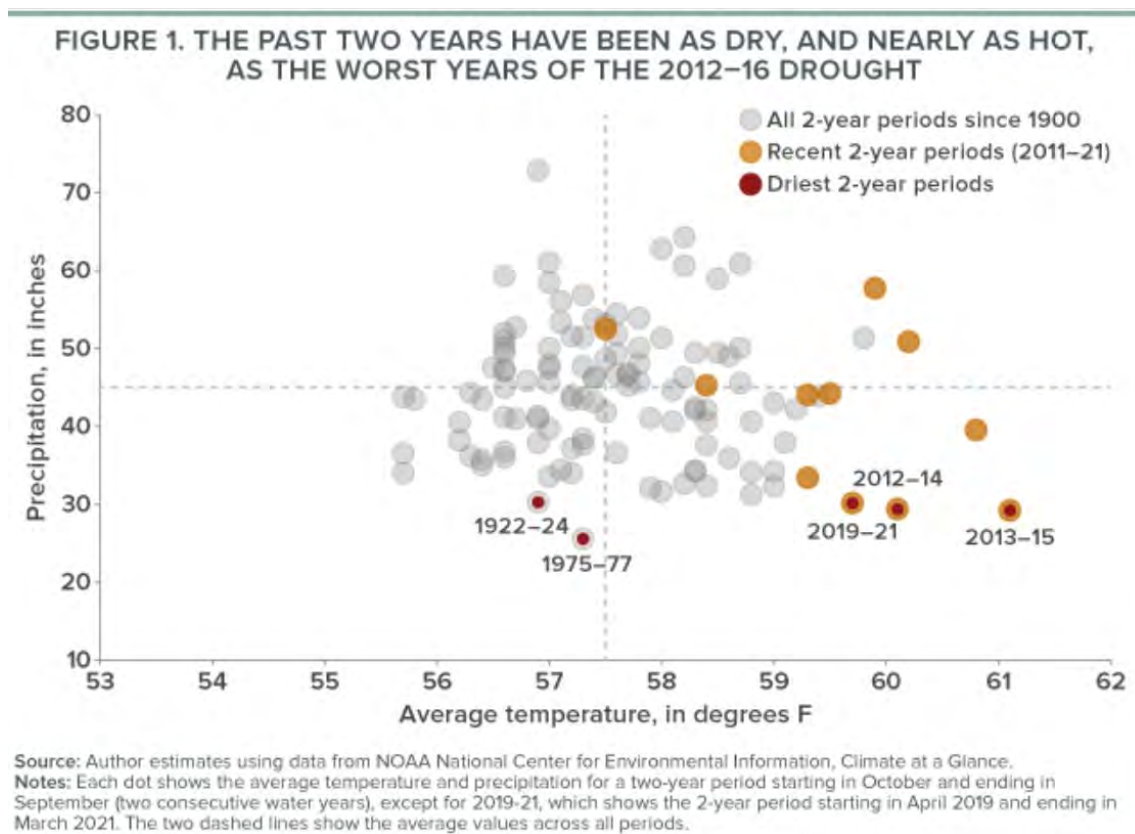
Water Supply Conditions

As expected, news on the water supply situation is increasingly negative. While Southern California storage is in better shape, keeping an eye on the statewide situation is imperative to anticipate the water supply situation in the coming years. There is so little water in Oroville and San Luis Reservoir, it will take a major snowpack in the winter of 2021/spring 2022 to bring northern California reservoir levels back to comfortable levels.

Current reservoir levels are bleak. San Luis Reservoir, the main south-of-Delta storage facility for the State Water Project, is at 29 percent of average for this time of the year and 13 percent capacity. Lake Oroville is at 35 percent of average and 22 percent capacity. Finally, over 88 percent of the state is in extreme drought conditions, and over 47 percent of the state is in “exceptional drought” conditions, the most extreme condition measured.

When the water year ends on September 30, it is expected that Governor Newsom (should he still be Governor) will issue a statewide drought declaration, setting the State Water Resources Control Board (SWRCB) on a path to call for water reductions throughout California. The SWRCB will hold an informational webinar on August 31 to provide an overview of the recent curtailment and reporting orders in the Sacramento-San Joaquin Delta watershed. While not specifically impacting SAWPA directly, the unprecedented August 20 curtailment order to over 4,500 water rights holders on top of the first-ever declared water shortage on the Colorado River is indicative of the extreme drought conditions facing California and the West. Predictions of a very dry fall and early winter are also adding to increased concern among water managers and regulators.





Arrearage Funding

The first step in administering the CA Water and Wastewater Arrearage Payment Program to distribute the \$985 million was for community water systems to complete a State Water Resources Control Board survey about the extent of the shortfalls at each local agency by September 10. The SWRCB also head a workshop on the [draft guidelines](#) ahead of the Sept 19 adoption.

Program guidelines must be adopted by October and the funding has to be allocated by January 31, 2021.

There is still some concern over the program, as there was guidance issued that states customers who receive over \$599 in arrearage payments would have to file a 1099 tax form.

Environmental Groups Express Opposition to Voluntary Agreements

A group of 20 environmental, tribal and fishing groups have sent a letter to the Legislature opposing \$466 million in state funding designated for the Voluntary Agreements (VAs) concerning Sacramento River flows and water quality objectives.

Signers include the Sierra Club, CA Coastkeeper, National Resources Defense Council, and others. The letter states that the VA process is just a stall tactic by water users and that the ideas being discussed in the negotiations have no chance of helping improve conditions for critically endangered salmon.

By all accounts, the Newsom Administration is still committed to the VA process.

Environmental groups aren't stopping at a letter to legislators. CalMatters recently published an opinion piece by Sandi Satsumoto and Julie Zimmerman of The Nature Conservancy supporting the SWRCB curtailment orders, but calling for protections of environmental water as well. Groups have been highlighting how current water supply allocations are going to be insufficient to protect salmon this fall because of not enough cold water in the river system.

State Budget Update

As mentioned in previous reports, the state budget process has been uncharacteristically long and drawn out this year. The state spent the last few months struggling with how to spend unprecedented budget surplus and federal stimulus funds totaling about \$100 billion. Legislators met their constitutional deadline of passing a budget by June 15, but what they passed didn't have the support of the Governor. They passed a "budget bill junior" on June 28 which contained more of a compromise reached by the Legislature and the Governor but still left out key aspects of the budget that finally got worked out in the final week of the legislative session. Chief among them is a \$750 million in drought relief and a \$3 billion three-year climate package.

The final Budget Bill Jr that passed helped with a concerning provision that was included in the late June budget. The provision included limited over \$600 funding allocated to the Department of Water Resources to only be available in counties that have a declared drought emergency, essentially excluding Southern California from accessing the funding. The exclusion was particularly concerning for IRWM, which now faces diminished opportunities. The final budget deal expressly stated that drought designation does not limit any county from applying for funding.

The final budget package included:

- \$650M for drinking water with disadvantaged communities prioritized
- \$650M for wastewater with septic to sewer conversions prioritized
- \$150M for recycled water and groundwater cleanup
- \$200M for Small Community Drought Relief
- \$100M for Urban Community Relief
- \$200M for Multibenefit Projects
 - shall be available for grants for watershed management projects that provide multiple benefits including, but not limited to, improved integration of groundwater and surface water management, other water supply benefits, and ecosystem improvements. Projects shall enhance regional drought resilience and align with the goals and objectives of the integrated regional water management plan.

The measure is expected to be signed by the Governor.

Legislative Update

Members left for summer recess on July 15 and returned on August 16 for the final weeks of the first year of the two-year session, ending on September 10. On August 26 both Appropriations Committees took up their respective Suspense Files- the final step for legislation before it hits the floor of each house. From August 30 to September 10 members worked on bills that reached the house floor. With the close of session late in the night on September 10, members will not return to Sacramento until January. The Governor has until October 10 to sign legislation passed to his desk.

Updates on Bills

- AB 818 (Bloom)- Solid Waste: premoistened nonwoven disposable wipes: Co-Sponsored by CASA and disposable wipes industry. Would require specific “Do Not Flush” labeling on specific disposable wipes. The bill has been sailed through the process and is sitting on the Governor’s desk.
- SB 273 (Hertzberg) Water Quality: municipal wastewater agencies: This legislation, sponsored by CASA, would authorize a wastewater agency to capture and treat stormwater utilizing ratepayer funds. The bill sailed through the Senate and Assembly and is currently on the Governor’s desk.
- SB 372 (Leyva) medium and heavy-duty fleet purchasing assistance program: zero emission vehicles. The bill, while still a work in progress, seeks to make financing tools available to help transition medium and heavy-duty truck fleets to zero emission vehicles. The Senator took amendments as it came out of the Appropriations Committee to include construction or earth-moving equipment as eligible under the program. The bill has easily moved through the Assembly and is on the Governor’s Desk.
- AB 361 (R. Rivas): Sponsored by the California Special Districts Association would allow for public agencies to use teleconferencing without complying with certain Brown Act teleconferencing requirements provide that a teleconference location is accessible to the public, a quorum of members participate at the jurisdiction and the public has access to the legislative body at a specified location. These rules would only apply during a local or state emergency. The bill passed with an urgency clause, meaning it will become law the day the Governor signs it.