



SAWPA

SANTA ANA WATERSHED PROJECT AUTHORITY

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

This meeting will be conducted in person at the addresses listed below. As a convenience to the public, members of the public may also participate virtually using the zoom link provided below. The zoom link is for viewing purposes only; members of the public will not have speaking privileges virtually. Public Comments may be provided in person or submitted in advance to publiccomment@sawpa.gov. Speaking privileges through zoom are limited to approved entities and pre-vetted participants who must request authorization. However, in the event there is a disruption of service which prevents the Authority from broadcasting the meeting to members of the public, the meeting will not be postponed or rescheduled but will continue without remote participation. The remote participation option is provided as a convenience to the public and is not required. Members of the public are welcome to attend the meeting in-person.

ZOOM LINK FOR VIEWING ONLY

<https://sawpa.zoom.us/j/85166537078>

REGULAR MEETING OF THE PROJECT AGREEMENT 24 COMMITTEE TUESDAY, OCTOBER 7, 2025 – 10:00 A.M.

(or immediately following the 9:30 a.m. SAWPA Commission meeting)

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

AGENDA

1. CALL TO ORDER | PLEDGE OF ALLEGIANCE

2. ROLL CALL

3. PUBLIC COMMENTS

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

Members of the public may make comments in-person or electronically for the Committee's consideration by sending them to publiccomment@sawpa.gov with the subject line "Public Comment". Submit your electronic comments by 5:00 p.m. on Monday, October 6, 2025. All public comments will be provided to the Chair and may be read into the record or compiled as part of the record. Individuals have a limit of three (3) minutes to make comments and will have the opportunity when called upon by the Committee.

4. ITEMS TO BE ADDED OR DELETED

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

5. CONSENT CALENDAR

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

- A. **APPROVAL OF MEETING MINUTES: SEPTEMBER 2, 2025**.....5
Recommendation: Approve as posted.

6. COMMITTEE DISCUSSION/ACTION ITEMS

- A. **INLAND EMPIRE BRINE LINE CRITICALITY ASSESSMENT (PA24#2025.19)**9
Presenter: Daniel Vasquez
Recommendation: Receive and file.
- B. **INLAND EMPIRE BRINE LINE REACH IV-B LOWER MAINTENANCE ACCESS STRUCTURE PROJECT (PA24#2025.20)**25
Presenter: David Ruhl
Recommendation: That the Project Agreement 24 Committee direct staff to issue a Request for Proposals (RFP) for engineering services for the Inland Empire Brine Line Reach IV-B Lower Maintenance Access Structure Project.

7. INFORMATIONAL REPORTS

Recommendation: Receive for information.

- A. **BRINE LINE FINANCIAL REPORT – JULY 2025**.....49
Presenter: Karen Williams
- B. **GENERAL MANAGER REPORT**
Presenter: Karen Williams
- C. **COMMITTEE MEMBERS COMMENTS**
- D. **CHAIR’S COMMENTS/REPORT**

8. COMMITTEE MEMBER REQUESTS FOR FUTURE AGENDA ITEMS

9. CLOSED SESSION

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

10. ADJOURNMENT

PLEASE NOTE:

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Clerk of the Board at (951) 354-4220. Notification at least 48 hours prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility to this meeting.

Materials related to an item on this agenda submitted to the Committee 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 October 2, 2025, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.gov and posted at the SAWPA's office, 11615 Sterling Avenue, Riverside, CA 92503.

2025 Project Agreement 24 Committee Regular Meetings

Inland Empire Brine Line

First Tuesday of Every Month

(Note: All meetings begin at 10:00 a.m., or immediately following the 9:30 a.m. SAWPA Commission meeting, whichever is earlier, unless otherwise noticed, and are held at SAWPA.)

January		February	
1/7/25	Regular Committee Meeting [cancelled]	2/4/25	Regular Committee Meeting
March		April	
3/4/25	Regular Committee Meeting	4/1/25	Regular Committee Meeting
May		June	
5/6/25	Regular Committee Meeting	6/3/25	Regular Committee Meeting, EMWD
July		August	
7/1/25	Regular Committee Meeting, WMWD	8/5/25	Regular Committee Meeting, SBVMWD
September		October	
9/2/25	Regular Committee Meeting, SBVMWD	10/7/25	Regular Committee Meeting
November		December	
11/4/25	Regular Committee Meeting	12/2/25	Regular Committee Meeting

2026 Project Agreement 24 Committee Regular Meetings

Inland Empire Brine Line

First Tuesday of Every Month

(Note: All meetings begin at 10:00 a.m., or immediately following the 9:30 a.m. SAWPA Commission meeting, whichever is earlier, unless otherwise noticed, and are held at SAWPA.)

January		February	
1/6/26	Regular Committee Meeting	2/3/26	Regular Committee Meeting
March		April	
3/3/26	Regular Committee Meeting	4/7/26	Regular Committee Meeting
May		June	
5/5/26	Regular Committee Meeting	6/2/26	Regular Committee Meeting
July		August	
7/7/26	Regular Committee Meeting	8/4/26	Regular Committee Meeting
September		October	
9/1/26	Regular Committee Meeting	10/6/26	Regular Committee Meeting
November		December	
11/3/26	Regular Committee Meeting	12/1/26	Regular Committee Meeting

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PROJECT AGREEMENT 24 COMMITTEE
Inland Empire Brine Line
REGULAR MEETING MINUTES
September 2, 2025

COMMITTEE MEMBERS PRESENT

T. Milford Harrison, Chair, San Bernardino Valley Municipal Water District Governing Board
Mike Gardner, Vice Chair, Western Municipal Water District Governing Board
David Slawson, Alternate, Eastern Municipal Water District Governing Board

COMMITTEE MEMBERS ABSENT

Jasmin A. Hall, Inland Empire Utilities Agency Governing Board
Philip Paule, Eastern Municipal Water District Governing Board

ALTERNATE COMMITTEE MEMBERS PRESENT [Non-Voting]

Gil Botello, San Bernardino Valley Municipal Water District

STAFF PRESENT

Karen Williams, David Ruhl, Dean Unger, John Leete, Sara Villa, Daniel Vasquez, Marie Jauregui, Emily Fuentes

OTHERS PRESENT

Thomas S. Bunn, Lagerlof, LLP; Fred Jung, Orange County Water District; Alliah Smith, San Bernardino Valley Municipal Water District

1. CALL TO ORDER | PLEDGE OF ALLEGIANCE

The Regular Meeting of the PA 24 Committee was called to order at 10:22 a.m. by Chair T. Milford Harrison on behalf of San Bernardino Valley Municipal Water District, 380 E. Vanderbilt Way, San Bernardino, CA 92408.

2. ROLL CALL

3. PUBLIC COMMENTS

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

4. ITEMS TO BE ADDED OR DELETED

There were no items to be added or deleted.

5. CONSENT CALENDAR

A. APPROVAL OF MEETING MINUTES: AUGUST 5, 2025

Recommendation: Approve as posted.

MOVED, to approve the Consent Calendar as posted.

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

6. COMMITTEE DISCUSSION/ACTION ITEMS

A. INLAND EMPIRE BRINE LINE ACTIVITIES (PA24#2025.17)

David Ruhl provided a presentation on the Inland Empire Brine Line Activities, contained in the agenda packet on pages 11-20.

Mr. Ruhl provided an overview of the SCADA Work Plan and Design. The project aims to implement a remote, automated system for collecting flow and water quality data. This system will allow staff to monitor and review the data from the office. Devices will be installed at key discharge locations, and five inline monitoring points will also be set up. A kickoff meeting took place in June 2025, and coordination with member agencies and dischargers is ongoing. Site visits will be scheduled in the coming months to gather data from dischargers.

Currently, the system used for managing pretreatment documents is IPACS, which will lose Microsoft.NET support by the end of the month. To address this, a new DMS system, Klir, has been selected after a Request for Proposal (RFP) process. Work on the new system will begin in September, with plans to have it operational by early next year.

Mr. Ruhl continued providing an update on the Brine Line Solids Imbalance and Billing Formula. This task focuses on addressing discrepancies in billing at the SARI metering station, where the solids collected at discharger sites do not match the samples taken at the meter. This issue has not been reviewed in the last five years. Trussel Technologies has been hired to analyze data from the past five years and develop a monitoring plan, which has already been implemented. Over the next months, preliminary findings will help adjust the billing formula or suggest additional monitoring to address the imbalance.

The annual report for the pretreatment program was submitted last Thursday. This report covers all activities over the past year, including 412 sampling events, testing 310 parameters, and analyzing over 12,000 results. Additionally, 200 inspections were conducted, leading to enforcement actions where necessary.

An update on the Euclid Bridge Project was provided. The City of Chino is planning to build an elevated roadway along Euclid Avenue (State Highway 83). Initially, the project was on track to be completed before the 2028 Summer Olympics, in hopes of hosting an event at the Prado Olympic Shooting Park. Since that event was not awarded, the project timeline has become less urgent. The proposed construction will impact the brine line, specifically segments Reach IV-A and IV-D, which currently run beneath the existing roadway. Since the new elevated road is intended to address occasional flooding behind Prado, some sections of the brine line may need to be protected or relocated. SAWPA is actively coordinating with the City of Chino to determine the necessary steps to ensure the brine line is safeguarded during and after construction.

Mr. Ruhl noted that the OC San/SAWPA Joint Policy Committee Meeting met in June at the OC SAN offices. The meeting included discussions on several important topics, including updates to the wastewater ordinance and emergency preparedness plans for both OC San and SAWPA. Additionally, OC San presented on their biosolids management and the use of the ocean outfall system. There was no discussion.

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

B. INLAND EMPIRE BRINE LINE 10-YEAR CAPITAL IMPROVEMENT PLAN (PA24#2025.18)

David Ruhl provided a presentation on the Inland Empire Brine 10-year Capital Improvement Plan (CIP), contained in the agenda packet on pages 29-34.

The CIP is reviewed annually to ensure the PA 24 Committee understands both current and future projects within the approved two-year budget, as well as long-term projections for the next 10 years. The goal is to maintain the long-term viability and sustainability of the brine line.

The 10-year plan is projected at \$69 million, covering the period up to 2035. This plan also incorporates projects from the master plan completed in December 2024, with a broader 40-year outlook to track projects beyond the 10-year window. These future projects will be revisited and included as needed when they enter the 10-year timeframe.

All projects are prioritized based on criticality and need. This means that the timing of a project could shift if new information or findings arise such as from CCTV inspections or if conditions change, requiring adjustments to the schedule. The CIP focuses on known system needs, including improving access for maintenance on Reach 5, where maintenance access structures will be added to the inaccessible areas. Currently, every 2,500 feet of Reach V is accessible, so additional access points will be installed over several years. Other improvements include:

- Reach IV-B: Installation of two new maintenance access structures.
- Reach IV-E: Addition of a mainline valve.
- Reach V Airbags: Some airbags are located off-road and may need relocation to avoid damage.
- Access Behind Prado: Limited due to storm events and nesting birds; improvements to the access road are planned.
- Stormwater and Erosion Protection: Ongoing efforts to protect the brine line from stormwater damage, depending on rainfall.
- System Improvements: Condition assessments for Reach IV-B, IV-D, and other areas as they emerge, along with smart covers for manholes and the SCADA system implementation.

Additionally, the CIP includes planning for offline storage on the brine line, to accommodate future capacity needs as the line approaches its 30 MGD limit. Future projects from years 11–25 and 26–40 are also outlined, though the timing of these may change based on project needs and conditions. There was no discussion.

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

7. INFORMATIONAL REPORTS

Recommendation: Receive and file the following oral/written reports/updates.

A. BRINE LINE FINANCIAL REPORT – JUNE 2025

B. FINANCIAL REPORT FOR THE INLAND EMPIRE BRINE LINE ENTERPRISE/CIP FOR THE FOURTH QUARTER ENDING JUNE 30, 2025

Karen Williams reported that the revenues exceeded budget expectations, while expenditures came in lower than anticipated. Interests earned \$2.9 million in interest. The Flow, BOD, and TSS Billing, the difference between what we billed and what we were billed by Orange County Sanitation District was a shortfall of \$101,000. This was primarily due to a \$20.60 higher-than-expected flow rate charged by Orange County. The good news is that BOD and TSS costs are being more accurately passed through, bringing us closer to matching actual costs. Overall, the brine line performance looks excellent for the end of the fiscal year.

C. GENERAL MANAGER REPORT

Karen Williams reported that the settlement agreement between SAWPA and Southern California Edison for December 2021, rupture has been signed. We expect to receive the settlement payment in the next couple of weeks.

D. COMMITTEE MEMBERS COMMENTS

There were no comments/reports from the Committee.

E. CHAIR'S COMMENTS/REPORT

There were no comments/reports from the Chair.

8. COMMITTEE MEMBER REQUESTS FOR FUTURE AGENDA ITEMS

There were no requests for future Agenda items.

Chair T. Milford Harrison recessed the meeting at 10:42 a.m. for Closed Session.

9. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Initiation of litigation pursuant to paragraph (4) of subdivision (d) of Section 54956.9: one case

10. CLOSED SESSION REPORT

Chair Harrison resumed the Open Session at 11:11 a.m. and Legal Counsel, Thomas S. Bunn announced that the Committee received a report from Counsel; no reportable action was taken on Agenda Item No. 9.A.

11. ADJOURNMENT

There being no further business for review, Committee Chair T. Milford Harrison adjourned the Regular meeting at 11:12 a.m.

Approved at a Regular Meeting of the Project Agreement 24 Committee on October 7, 2025.

T. Milford Harrison, Chair

Attest:

Sara Villa, Clerk of the Board

PA 24 COMMITTEE MEMORANDUM NO. 2025.19

DATE: October 7, 2025

TO: Project Agreement 24 Committee
(Inland Empire Brine Line)

SUBJECT: Inland Empire Brine Line Criticality Assessment

PREPARED BY: Daniel Vasquez, Operations Manager

RECOMMENDATION

Receive and file.

DISCUSSION

In June of 2021, Staff presented to PA 24 the Final Brine Line Criticality Assessment technical memorandum. This evaluation identified the criticality rankings for Brine Line assets to facilitate proper prioritization for maintenance activities. This Criticality Assessment also provided crucial data and reprioritization of the capital improvement plan (CIP) and supported the establishment of adequate reserves for future pipeline replacement, rehabilitation and potential emergencies.

The Criticality Assessment is a risk-based analysis comprised of:

- **Consequence of Failure Analysis (CoFA)** – An evaluation of the consequences of an individual asset failure such as a spill that enters a waterbody.
- **Probability of Failure Analysis (PoFA)** – An evaluation of the likelihood of an individual asset failure such as a pipe break due to age or material quality.
- **Criticality Assessment** – A combination of the CoFA and PoFA analysis where numerical scores and overall criticality rankings are provided for each Brine Line Asset. This provides a ranking system of prioritization.

Figure 1 below can be found in the *Inland Empire Criticality Assessment Technical Memorandum* and illustrates the final criticality ratings by reach.



Figure 1: Final Criticality Summary Rankings for Brine Line Segments

A summary of recommendations from this analysis are detailed in Table 1 below. Completed projects performed since the last Criticality Assessment are also detailed below. An update to the Criticality Assessment is required every five (5) years. The next update is anticipated in 2026.

2021 Criticality Assessment Recommendation	Status	Work Performed
Reach IV-D Inspection	Completed	Rehabilitation work and condition assessment performed in 2024 with rehabilitation (23,000 ft) planned within ten to fifteen (10-15) years.
Reach IV-E Inspection	Actively Monitored	Prioritized to be performed in 2027 and 2028
Reach IV-B DIP Section Condition Assessment	Completed	Performed in 2024 with reinspection planned in 2029.
Reach IV-A MAS Rehabilitation	Completed	Performed in 2021 with regular ongoing inspections
Reach IV Condition Assessment	Completed	Performed in 2024 with reinspection planned within ten (10) years.
Reach V Condition Assessment	Actively Monitored	Prioritized to be performed in 2031
Obtain storm drain data for future Criticality Assessments	Completed	Performed in 2024 by Staff GIS Team
Long-term planning for capacity management	Completed	Master Plan was completed in 2025

Table 1: Summary of Criticality Assessment recommendations and current status

RESOURCE IMPACTS

Sufficient funds for consultant services are included in the Fiscal Year 26 Budget Fund 240 (Brine Line Enterprise).

Attachments:

1. PowerPoint Presentation



Brine Line Criticality Assessment - Status Update

Daniel Vasquez, Operations Manager

October 7, 2025

Project Agreement 24 Committee

Recommendation

That the Project Agreement 24 Committee receive and file a status update for the 2021 Inland Empire Brine Line Criticality Assessment Recommendations.

Criticality Assessment

Purposes

- Prioritize Capital Improvement Projects
- Understand Brine Line Risk Factors
- Formulate Basis for Capital Reserve Funding
- Focus Operation & Maintenance Efforts

$$\text{Criticality Value} = \sqrt{\text{Consequence of Failure Value}^2 + \text{Probability of Failure Value}^2}$$

Consequence of Failure Analysis (CoFA)

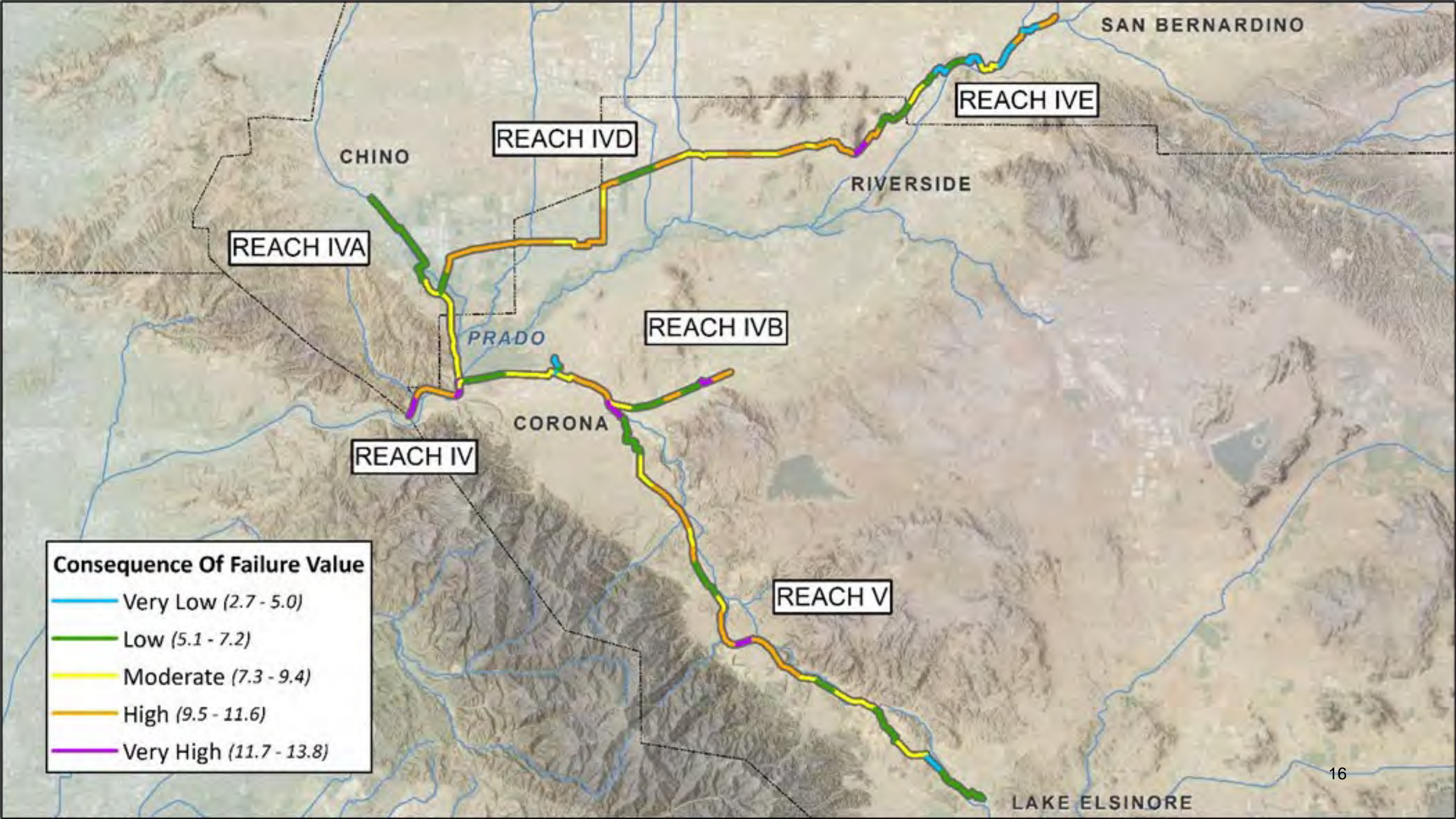


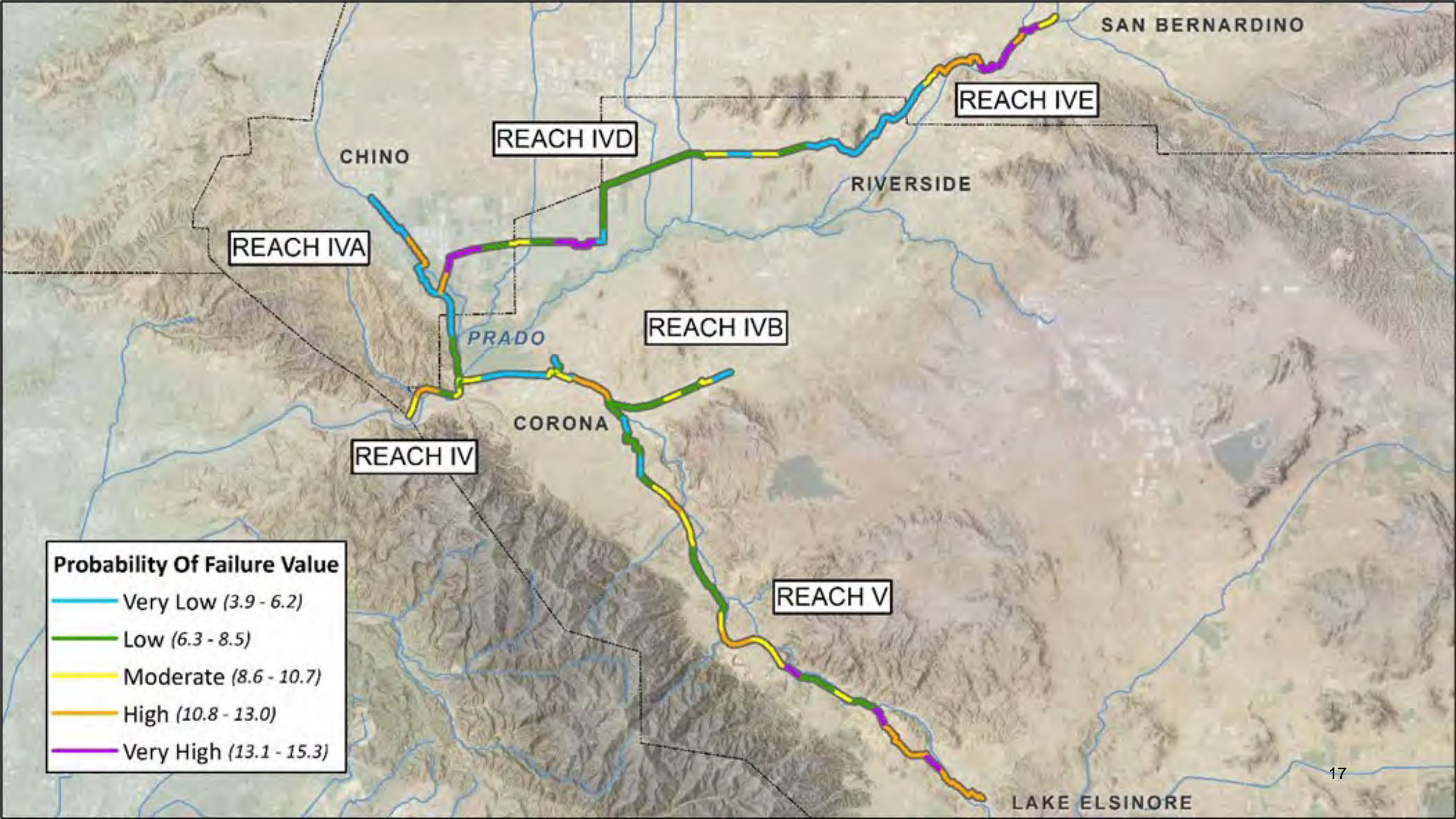
Category	Data Sources
<u>Environmental/Regulatory Impact</u> <ul style="list-style-type: none">• Waterbodies & Rivers• Wetlands & Streams	SAWPA GIS Stream Coverage USFWS, National Wetland Inventory (NWI) USGS, National Hydrography Dataset (NHD)
<u>Health and Safety Impact</u> <ul style="list-style-type: none">• Schools & Hospitals• Medium Density Residential to High Density Residential• Mixed Use• Commercial & Industrial• Low Density Residential to Very Low Density Residential	SAWPA zoning GIS dataset
<u>Economic/Service Impact</u> <ul style="list-style-type: none">• Existing & Projected Peak Flow• Existing User Flow Contributions	SAWPA hydraulic model Brine line billing data
<u>Transportation Impact</u> <ul style="list-style-type: none">• Right-of-Way & Roadways• Railroads	Esri GIS

Probability of Failure Analysis (PoFA)



CATEGORY	DATA SOURCES
Potential Spill Locations	MAS GIS
Maintenance Accessibility	SAWPA Staff knowledge
Pipe Age	SAWPA GIS attributes SAWPA Staff knowledge
Pipe Material	SAWPA GIS attributes SAWPA Staff knowledge
Surcharge & Siphon Conditions	SAWPA hydraulic model
Fault Zone Proximity	California Geologic Survey
Flood Zone Proximity	FEMA, National Flood Hazard Layer (NFHL)
Future Development Potential	SAWPA zoning GIS dataset vacant parcels
Unpaved Public Roads	SAWPA Staff knowledge





Distribution by Pipeline Length

		Consequence of Failure				
Probability of Failure		<i>Very Low</i> (2.7 – 5.0)	<i>Low</i> (5.1 – 7.2)	<i>Moderate</i> (7.3 – 9.4)	<i>High</i> (9.5 – 11.6)	<i>Very High</i> (11.7 – 13.8)
	<i>Very High</i> (13.1 – 15.3)	12,010	3,420	5,085	12,363	--
	<i>High</i> (10.8 – 13.0)	7,486	29,320	11,674	27,654	3,756
	<i>Moderate</i> (8.6 – 10.7)	466	8,024	25,280	20,198	10,544
	<i>Low</i> (6.3 – 8.5)	803	36,869	36,408	35,990	3,572
	<i>Very Low</i> (3.9 – 6.2)	1,682	29,056	30,759	23,045	3,826

Criticality Summary by Length

<u>Low</u>	<u>Medium</u>	<u>High</u>
178,424 lf	146,549 lf	54,317 lf
(47%)	(39%)	(14%)



Recommendations Summary

2021 Criticality Recommendation	Status	Work Performed
Reach IV-D Inspection	Completed	Rehabilitation work and condition assessment performed in 2024 with rehabilitation (23,000 ft) planned within ten to fifteen (10-15) years.
Reach IV-E Inspection	Actively Monitored	Prioritized to be performed in 2027 and 2028
Reach IV-B DIP Section Condition Assessment	Completed	Performed in 2024 with reinspection planned in 2029.
Reach IV-A MAS Rehabilitation	Completed	Performed in 2021 with regular ongoing inspections
Reach IV Condition Assessment	Completed	Performed in 2024 with reinspection planned within ten (10) years.
Reach V Condition Assessment	Actively Monitored	Prioritized to be performed in 2031
Obtain storm drain data for future Criticality Assessments	Completed	Performed in 2024 by Staff GIS Team
Long-term planning for capacity management	Completed	Master Plan was completed in 2025

Criticality Assessment Update



Next Steps

- An update to the Criticality Assessment is required every five (5) years
- Next update is anticipated in 2026
- A Request for Proposals (RFP) to be presented to PA 24

Recommendation

That the Project Agreement 24 Committee receive and file a status update for the 2021 Inland Empire Brine Line Criticality Assessment Recommendations.

Contact Information

Daniel Vasquez

Operations Manager

SAWPA

Dvasquez@sawpa.gov

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PA 24 COMMITTEE MEMORANDUM NO. 2025.20

DATE: October 7, 2025

TO: Project Agreement 24 Committee
(Inland Empire Brine Line)

SUBJECT: Inland Empire Brine Line Reach IV-B Lower Maintenance Access
Structure Project

PREPARED BY: David Ruhl, Executive Manager of Engineering and Operations

RECOMMENDATION

That the Project Agreement 24 Committee direct staff to issue a Request for Proposals (RFP) for engineering services for the Inland Empire Brine Line Reach IV-B Lower Maintenance Access Structure Project.

DISCUSSION

Reach IV-B Lower Pipeline Background

The Brine Line Reach IV-B was constructed in the mid 1990's and runs from Prado Dam approximately 5.5 miles east, to the intersection with Reach IV-B Upper and Reach V in the City of Corona. The pipeline size ranges from 30 to 36 - inches in diameter. There are 47 maintenance access structures (MAS) on Reach IV-B Lower with an average distance between MAS of about 650 feet. The Reach IV-B daily flow is approximately 5 – 7 million gallons per day (MGD) and has a maximum capacity of 13.0 MGD.

Pipeline Condition Assessment

In 2023, the Project Agreement 24 Committee authorized Woodard & Curran to prepare a pipeline condition assessment on a portion of Reach IV-B Lower. This portion of the Brine Line was identified with a high criticality as described in the 2021 Brine Line Criticality Assessment due to the age of the pipeline, location and the ductile iron pipe material. A condition assessment of the Reach IV-B pipeline was conducted through visual assessment (manned entry and CCTV inspection) in May 2023. Staff presented the Final Report to the PA 24 Committee in September 2024.

One segment of the pipeline has a distance between MAS of 2,096 feet. For access and inspection purposes a distance of 1,000 feet or less is desirable for the Brine Line. Due to the distance between MAS's, access for cleaning and CCTV was limited. As a result, only about 50% of the pipe segment was cleaned and inspected. Due to the limited access to Reach IV-B Lower, the consultant recommended adding up to two MAS to Reach IV-B to allow better access for cleaning, CCTV and future repairs.

The professional services of an engineering firm are necessary to design the new MAS as recommended in the Reach IV-B Condition Assessment. A copy of the RFP is attached for your information.

RESOURCE IMPACTS

Sufficient funds for consultant services and to cover the field investigation work is included in the Fiscal Year 26 Budget Fund 320-03 and Fund 240 (Brine Line Enterprise).

Attachments:

1. PowerPoint Presentation
2. Reach IV-B Lower MAS RFP



Inland Empire Brine Line Reach IV-B Lower Maintenance Access Structure Project

David Ruhl, Executive Manager of
Engineering and Operations

October 7, 2025

Project Agreement 24 Committee

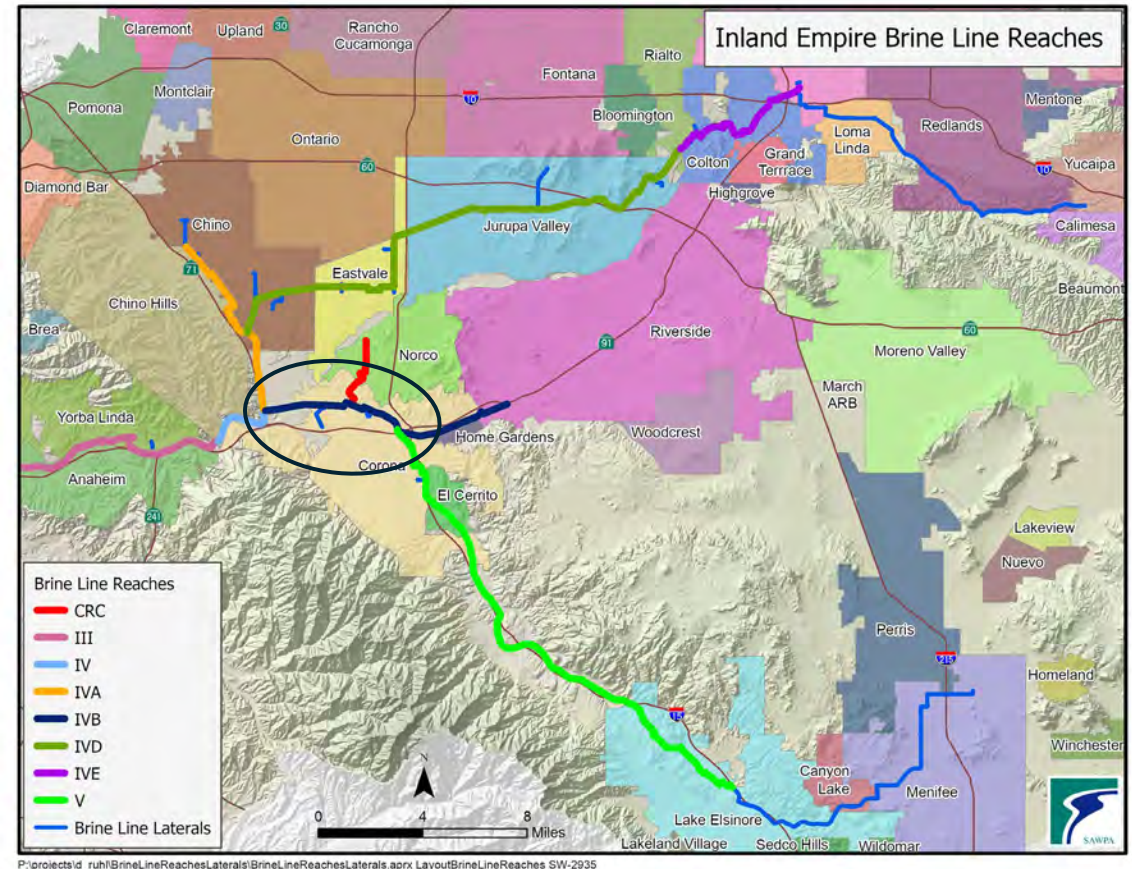
Recommendation

That the Project Agreement 24 Committee direct staff to issue an RFP for engineering services for the Inland Empire Brine Line Reach IV-B Lower Maintenance Access Structure Project.

Reach IV-B

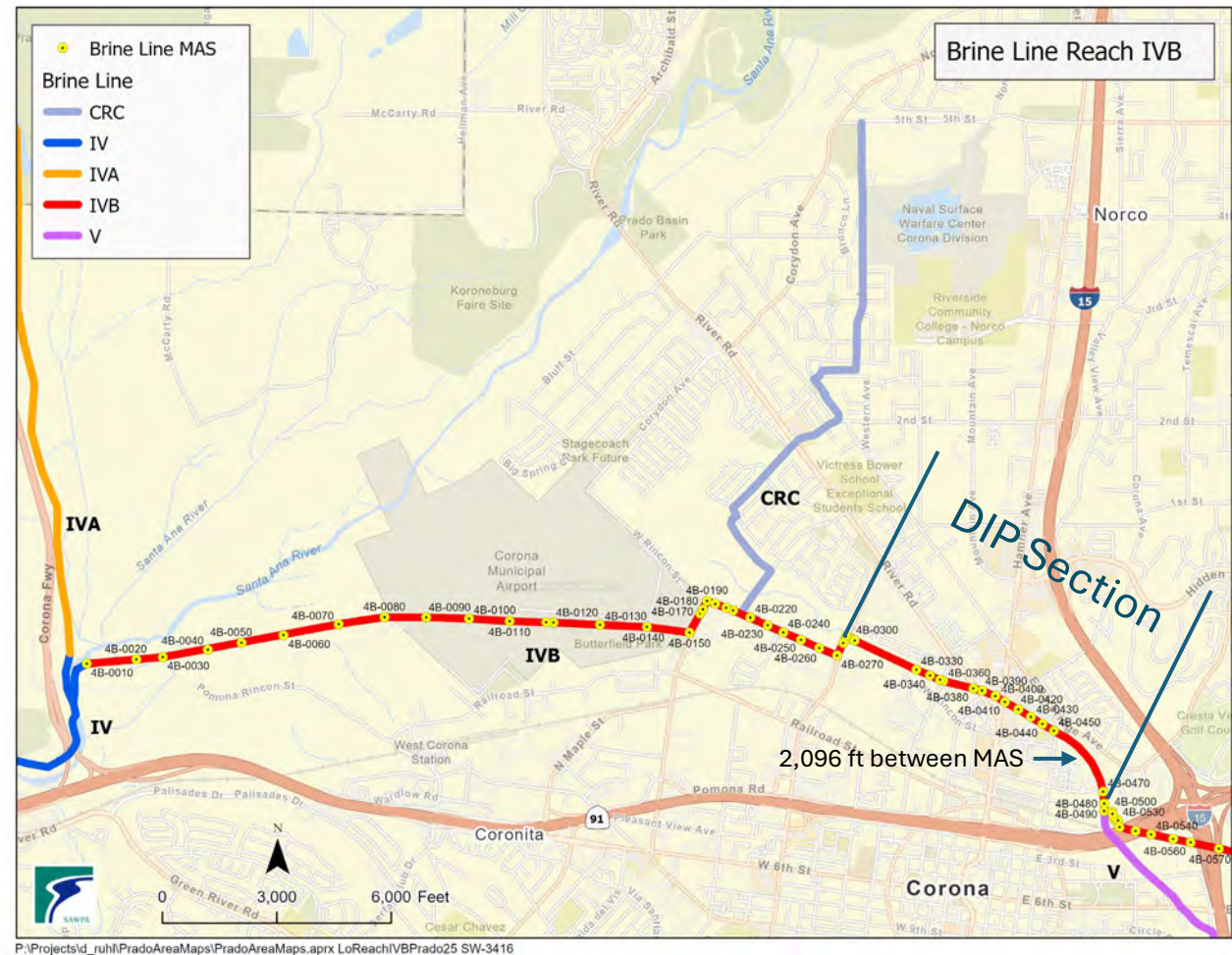
Reach IV-B Lower Background

- Constructed in mid 1990's
- Approximately 5.5 miles
- Pipeline size 30 – 36 inches in Diameter
- 47 Maintenance Access Structure
- Daily flow 5 – 7 MGD
- Maximum Capacity 13 MGD



Reach IV-B Condition Assessment

- Condition Assessment May 2023
- Final Report to PA 24 September 2024
- Near term recommendation to add additional MAS's
 - Access for cleaning, inspection and repairs limited due to distance between MAS
 - Issue RFP for design of new MAS



Schedule and Budget



Schedule

- Issue RFP Oct 7, 2025
- Receive Proposals Nov 18, 2025
- PA 24 Award Jan 7, 2025

Budget

- Design and Related Field Work \$150,000
- Construction \$375,000

Estimate of construction costs will be refined during design.

Recommendation

That the Project Agreement 24 Committee direct staff to issue an RFP for engineering services for the Inland Empire Brine Line Reach IV-B Lower Maintenance Access Structure Project.

Contact Information

David Ruhl

*Executive Manager of Engineering and
Operations*

Druhl@sawpa.gov

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SANTA ANA WATERSHED PROJECT AUTHORITY

REQUEST FOR PROPOSALS

FOR

**ENGINEERING SERVICES FOR
INLAND EMPIRE BRINE LINE
REACH IV-B LOWER
MAINTENANCE ACCESS STRUCTURES**

October 7, 2025

**REQUEST FOR PROPOSALS
FOR
ENGINEERING SERVICES FOR INLAND EMPIRE BRINE LINE
REACH IV-B LOWER MAINTENANCE ACCESS STRUCTURES**

The Santa Ana Watershed Project Authority (SAWPA) requests proposals from qualified engineering firms to implement the Reach IV-B Lower Maintenance Access Structures (MAS) Project, which will include analysis and design of two new MAS on Reach IV-B Lower. The design includes, but not limited to, system analysis, preliminary design memo, permitting and development of plans and specifications, among other services listed in more detail in Section 4 of the RFP. Proposals will be accepted until **4:00 pm on Tuesday, November 18, 2025.**

Proposals must be submitted and uploaded onto Planet Bids at: <https://pbsystem.planetbids.com/portal/52676/portal-home> as a complete electronic/PDF file by the date and time herein above set forth, along with the Fee Proposal, which shall be submitted as both a PDF and Microsoft Excel file and uploaded as General Attachments. SAWPA will not accept hand-delivered proposals. **Proposals received after the above specified date and time WILL NOT be accepted.**

A non-mandatory **pre-proposal meeting** will be held via Zoom at 10:00 am on October 22, 2025, attendance is highly encouraged. Please e-mail David Ruhl at druhl@sawpa.org to get the link for the meeting. No site visit will take place.

Prospective Offerors are required to put all RFP questions, clarifications, or comments through PlanetBids' Q&A system at: <https://pbsystem.planetbids.com/portal/52676/portal-homeas> and/or in writing to David Ruhl, P.E., Executive Manager of Engineering and Operations (druhl@sawpa.org). Questions, clarifications, or comments must be received no later than November 11th at 5:00 pm. The Offerors must verify that SAWPA received the e-mail transmission.

1) Introduction

Agency Background

The Santa Ana Watershed Project Authority (SAWPA) was formed in 1972 to plan and build facilities to protect water quality in the Santa Ana River Watershed. SAWPA is a Joint Powers Authority (JPA) comprised of five (5) member agencies: Eastern Municipal Water District (EMWD), Inland Empire Utilities Agency (IEUA), Orange County Water District (OCWD), San Bernardino Valley Municipal Water District (SBVMWD), and Western Municipal Water District (WMWD). To learn more about SAWPA please visit www.sawpa.org.

Background

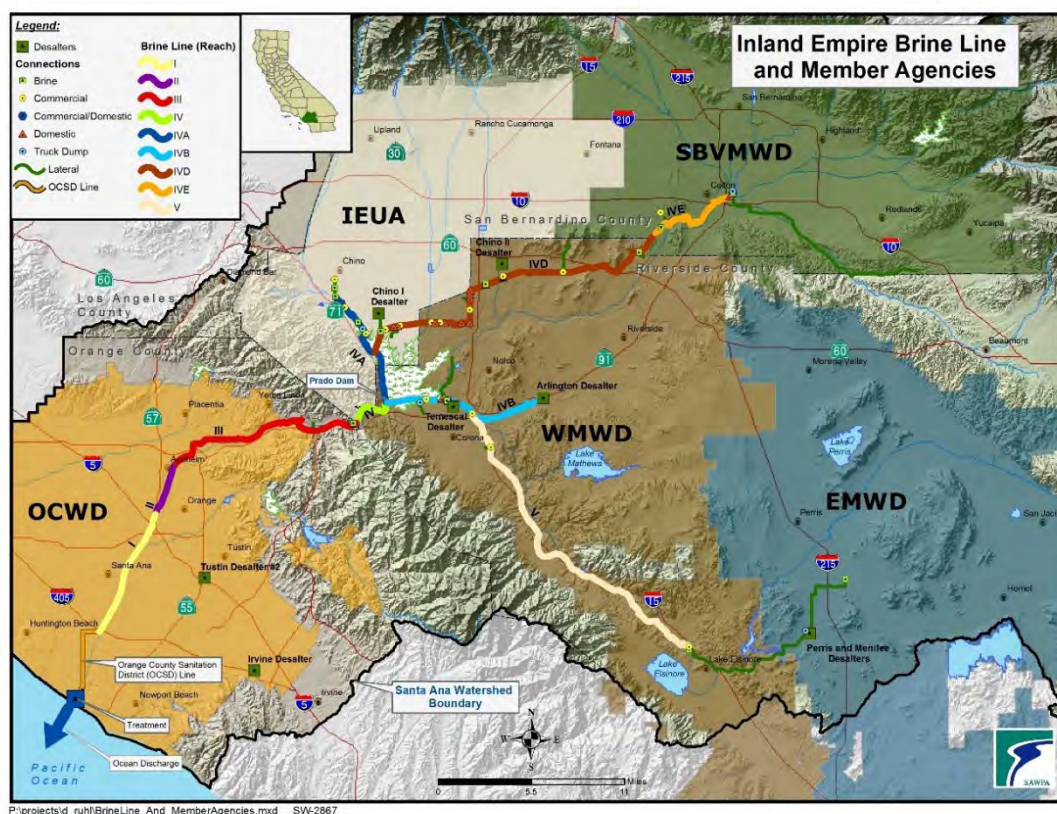
The Inland Empire Brine Line (Brine Line) is an important facility for the removal of salt from the watershed and the ultimate goal of achieving salt balance. The Brine Line transports highly saline wastewater from Inland areas to the ocean for discharge after

treatment by Orange County Sanitation District (OC San) at its Huntington Beach plant, see Figure 1.1. Removing salt through the Brine Line system will ultimately allow the watershed to reach salt balance – a key watershed goal and indicator of sustainability.

SAWPA owns either capacity rights in or owns outright approximately 93 miles of pipeline referred to as the Inland Empire Brine Line (Brine Line) in Riverside and San Bernardino Counties and the Santa Ana River Interceptor (SARI) within Orange County. The Brine Line was initially constructed to provide for highly saline, non-domestic discharges in order to protect the inland water quality in the upper Santa Ana River Watershed. Figure 1.1 provides a graphic representation of the Brine Line and its various reaches, 1 through 5.

Discharge to the Brine Line is made through either a direct connection (Direct Discharger) or by hauling to one of four collection stations (Indirect Dischargers). All facilities discharging to the Brine Line require a discharge permit.

Figure 1.1: Inland Empire Brine Line and Member Agency Boundaries



Reach IV-B Lower (Ductile Iron Pipe (DIP) Section)

The DIP section of Reach IV-B is approximately 1.6 miles of 36-inch pipeline which crosses several streets in the City of Corona and runs along the Riverside County Flood Control's Temescal Creek Channel access road. This section of the Brine Line conveys highly saline brine water primarily from five desalters and several industrial dischargers via gravity to Reach IV downstream. The Reach IV-B daily flow is about 5 – 7 million gallons per day (MGD).

In 2023, SAWPA hired a consultant to conduct a condition assessment on the DIP section of Reach IV-B. Due to access limitations on Reach IV-B the consultant recommended adding additional MAS on Reach IV-B to provide access for cleaning, inspection and future repairs. See Section 11 of this RFP for instructions on how to download a copy of the Reach IV-B FIP Findings and Rehabilitation Recommendations Report – Reach IV-B.

2) Schedule

October 7, 2025	Issue Request for Proposals
October 22, 2025	Pre-proposal meeting (10:00 am)
November 18, 2025	Proposals due (4:00 p.m.)
December 11, 2025	Interview panel conducts interview of top proposing firms
January 6, 2025	Recommend Award
January 20, 2025	Issue Notice to Proceed

3) Proposal Instructions and Conditions

- a) **Pre-Contractual Expenses** - Pre-Contractual expenses are defined as expenses incurred by prospective bidders in:

- Preparing a proposal in response to the RFP
- Submitting that proposal to SAWPA
- Negotiating with SAWPA in any matter related to this RFP, proposal, and/or contractual agreement
- Any other expenses incurred by the prospective bidder prior to the date of an executed contract

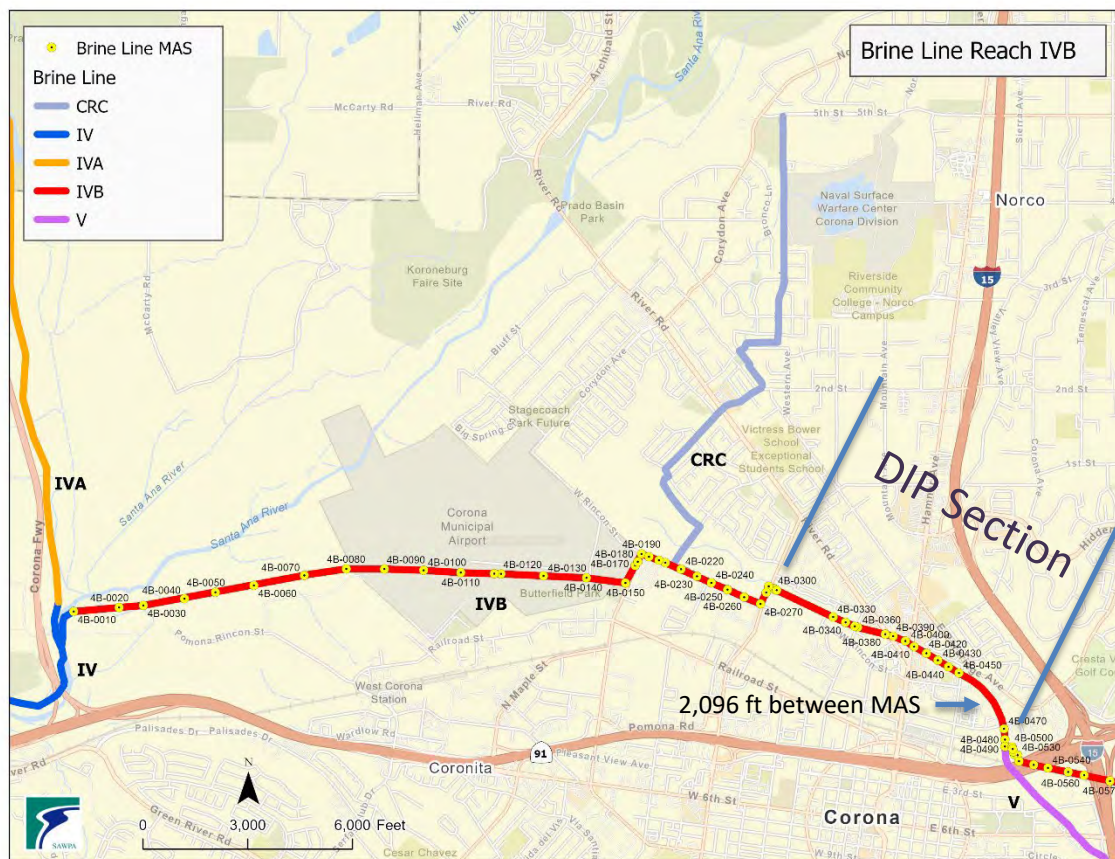
SAWPA will not, in any event, be liable for any pre-contractual expenses incurred by any prospective bidder. In addition, no prospective bidder shall include any such expenses as part of the price proposed to perform the requested services.

- b) **Authority to Withdraw RFP and/or Not Award Contract** – SAWPA reserves the right to withdraw the RFP at any time without prior notice. Further, SAWPA makes no representations that any agreement will be awarded to any prospective bidder responding to this RFP. SAWPA expressly reserves the right to postpone the opening of proposals for its own convenience and to reject any and all proposals in response to this RFP without indicating any reasons for such rejection(s).
- c) **Selection of Multiple Proposals** – Due to the widely varied geographic area and technical requirements, SAWPA has found teams of consultants to be very effective in providing the technical expertise and personnel required to perform services for the Brine Line. Therefore, SAWPA reserves the right to select more than one prospective firm to provide services for all or part of the proposed scope of work.
- d) **Right to Reject Proposal** – SAWPA reserves the right to reject any or all proposals submitted. Any award made for this engagement will be made to the firm/s, which, in the opinion of SAWPA, is best qualified to perform the services and represents the best value and effectiveness.

- e) **Discrepancies in Proposal Documents** – Should prospective firms find discrepancies in, or omissions from the RFP, or if the intent of the RFP is not clear, and if provisions of the specifications restrict any prospective firm from proposing, they may request in writing that the deficiency(s) be modified. Such request must be received by SAWPA at least ten (10) working days before the proposal due date. All registered firms will be notified by addendum of any approved changes in the request for proposal documents.
- f) **Oral Statements** - SAWPA is not responsible for oral statements made by any of its employees or agents concerning the RFP. If the prospective firm requires specific information, a written request must be submitted to SAWPA.
- g) **Conflict of Interest** – The Consultant shall review their past, current or proposed work with agencies or firms having a significant interest in the Brine Line to verify a conflict of interest or the appearance of a conflict will not occur.

4) Scope of Work

The purpose of this project is to provide adequate access to the DIP portion of the Brine Line for cleaning, inspection and future repairs by adding up to two new maintenance access structures (MAS). The DIP section is from MAS IV-B – 0290 to MAS IV-B – 0490. The pipe segment between MAS IV-B -0450 and MAS IV-B – 0470 is about 2096 feet between MAS and will require at a minimum one MAS for access (see figure below).



P:\Projects\id_ruh\PradoAreaMaps\PradoAreaMaps.aprx LoReachIVBPrado25 SW-3416

Record drawings may not accurately reflect the features of the pipeline including slopes and location of MAS and Air Release Valve Structures. Consultant shall propose methods to accurately evaluate the existing pipeline. Shutdown of the Brine Line during design is not an option. Velocities and debris in pipeline limit the ability for CCTV inspection. Evaluation of the DIP section may lead to recommendations to add additional MAS. Construction of additional MAS must be completed with live flows. A reduction in flow may be coordinated.

The scope of work will include, but not be limited to the following tasks:

- 4.1 Project Management: Consultant shall provide all efforts to manage all tasks in a cost effective, timely, and professional manner, including but not limited to, overseeing consultant efforts; attend Kick-off meeting with SAWPA staff to solicit input and confirm approach and criteria; provide regular project status reports and invoices of appropriate detail (A template for status reports is provided in Appendix B); participate in biweekly conference calls (using zoom) to discuss project status; participate in (2) workshops with SAWPA staff to present the draft preliminary design memo and 95% design submittal; Consultant shall prepare and facilitate a Powerpoint presentation for workshop. Provide powerpoint in electronic format to SAWPA.
- 4.2 Permitting: The Consultant shall identify all permits required prior to construction and shall provide a list of permitting agencies, contacts, and requirements needed to obtain such permits in the preliminary design report. The Consultant shall obtain all necessary permits. Permits may be required during design phase for potholing activities. The following is a preliminary list of identified permits that may be required for this project.
 - i) City of Corona Encroachment Permit
 - ii) County of Riverside Flood Control District Encroachment Permit
 - iii) RWQCB NPDES Permit, including preparation and submittal of a Notice of Intent, inclusion of preparation of a Stormwater Pollution Prevention Plan (SPPP) by construction contractor and any BMPs in the contract documents, and preparation and submission of a Notice of Termination upon project completion.

The Consultant shall provide permitting services as described below:

- (1) Completing forms and applications, preparing supporting documentation for the permit applications, and agreements as required by the issuing agency, furnishing the required number of copies of all project drawings and exhibits, and attending one (1) meeting with each permitting agency. SAWPA shall execute all applications. All permit/plan check fees will be paid directly by SAWPA and shall not be a part of the Consultant's fee.
- (2) Traffic Control (Optional Task). Work will be completed within the Riverside County Flood Control District Access Road. Traffic control plans may be required at the access points to the flood control access road. The Consultant shall prepare and submit traffic control plans to the appropriate

agency for approval. The traffic control plans must follow the requirements and/or guidelines established by the appropriate permitting agency. The Consultant shall include any traffic control requirements as part of the project specifications. Authorized traffic control plans shall be included as part of project drawings.

4.3 Survey: The Consultant shall perform a survey to establish coordinates and rim and invert elevations as necessary to locate and plot existing nearby Brine Line Maintenance Access Structures and other utilities in their proper location.

4.4 Utility Coordination: The Consultant shall contact utilities in critical areas of the project where excavation is required and request record drawings and maps of their facilities. The Consultant shall use these drawings and maps to identify the presence and approximate location of utilities, and to plot these utilities on the project drawings. Using survey information gathered in Task 3.1 (Survey), The Consultant shall refine the plotted locations of the utilities to agree with the actual location of visible surface features.

The Consultant shall confirm utilities in critical areas subsequent to completion of the Preliminary Design Memo. This confirmation shall include coordination with SAWPA on the potholing locations and surveying of the pothole locations for inclusion in the design drawings. The Consultant shall identify the locations to be potholed and SAWPA will instruct its on-call contractor to perform the required potholes.

4.5 Preliminary Design and Preliminary Design Memo: The Consultant shall prepare a Draft and Final Preliminary Design Memo (PDM) that will be used as the basis for final design. Recommendations will be presented in a clear and concise manner with the appropriate narrative and technical justification.

The PDR shall include, at a minimum, the following information:

- 4.5.1 Recommendations for location of Maintenance Access Structure, materials and size.
- 4.5.2 Project design concept, design criteria and materials selection for final design.
- 4.5.3 Construction sequence (i.e. project phasing), and constraints for implementing and coordinating the construction activities. This sequencing must take into consideration the operation of the Brine Line and regulatory constraints.
- 4.5.4 Identification of traffic control issues and locations, permits and permit requirements, and temporary or permanent construction easements.
- 4.5.5 A preliminary opinion of probable construction costs and quantities.
- 4.5.6 The Consultant shall estimate the duration of all construction related activities, including site preparation, construction, and site restoration in order to establish overall duration of project construction.

4.5.7 General detail drawings (35 percent design level).

4.5.8 Evaluate dewatering requirements if required.

The Consultant shall submit one (1) electronic copy in PDF format of the Draft PDM to SAWPA for review. SAWPA will provide comments to the Consultant no later than seven (10) days after receipt of the complete Draft PDM. The Consultant shall incorporate SAWPA's comments and shall provide one (1) electronic copy in PDF format of the Final PDM within fourteen (14) days after receipt of SAWPA's comments. The Consultant shall provide the electronic files in PDF and Word format (latest version) and drawings in PDF and AutoCAD format.

4.6 Final Design: The Consultant shall provide engineering services to prepare one complete package of biddable plans, specifications and other contract documents as required based on the design concepts and criteria developed during Preliminary Design. Final Design activities include, but are not limited, to:

4.6.1 The Consultant shall prepare project drawings that utilize mapping developed in Task 3.2 (Survey). The drawings shall be plan sheet format accompanied by, title sheet, site plan and required detail sheets. Full size drawings (22" x 34") shall be provided at a scale of 1 inch = 40 feet for civil drawings; ¼ inch = 1 foot for all structural details; and 1 inch = 40 feet for all site layout drawings. All drawings shall be suitable to be reduced to half-size (11"x17"). Draft plans and details shall be submitted for review at the 60 percent and 95 percent design level. The Consultant shall address comments received and incorporate comments into the contract bid documents.

4.6.2 The Consultant shall prepare project specifications for the proposed project. Project specifications shall be based on the Standard Specifications for Public Works Construction (latest edition) ("Greenbook") and SAWPA standard front end documents. The cover of the specifications must be signed and sealed by a professional engineer licensed to practice in the State of California. Specifications shall include environmental considerations, SPPP BMP's, permit requirements, temporary by-pass pumping system, spill notification and response, contract durations and sequence of construction. Draft specifications shall be submitted for review at 95 percent draft level. The Consultant will address comments received and incorporate comments into the contract bid documents.

4.6.3 Traffic control plans will be submitted for review at 95 percent draft level if needed. The Consultant shall incorporate comments into the final plans prior to submittal to the appropriate agency per Task 2.2 (Traffic Control). Final approved plans will be included in the contract bid documents.

4.6.4 The Consultant shall provide an update to the schedule developed in the PDM. Schedule shall be provided at the 95 percent design submittal.

- 4.6.5 The Consultant shall provide an update to the opinion of probable construction costs, quantities and financing plan developed in the PDM. Construction costs shall be provided at the 95 percent design submittal.
- 4.6.6 The Consultant shall ensure that all project construction and material procurement documents are prepared for open and competitive bid. The Consultant shall indicate if there are any project specific issues that cannot be addressed through competitive bidding and will provide documentation and a recommendation to SAWPA regarding these specific issues.
- 4.6.7 The Consultant shall provide one final signed and sealed hard copy set of the contract specifications and one full-size (22x34) hard copy set and one half-size (11x17) hard copy set of the contract drawings. A CD with the electronic files in PDF format of the final signed and sealed contract specifications, signed and sealed full-size and half-size contract drawings, electronic files in AutoCAD format of the contract drawings and electronic files in Word format of the contract specifications. SAWPA will provide final contract document reproduction, bid advertisement, and contract document distribution.

5) Project Schedule

The Consultant shall conduct a kick-off meeting within one (1) week from notice to proceed. SAWPA anticipates the total time to complete the work is 8 months. SAWPA will consider an alternative Consultant proposed schedule provided it adds value to the project.

6) Fee Proposal Requirements

In preparing the fee schedule for the services identified under the scope of work, the Consultant shall take into consideration the following:

- i) Compensation for Consultant direct services provided in completing the tasks shall be based upon an hourly billing rate up to a not-to-exceed amount.
- ii) For each task, provide a breakdown of labor hours by employee billing classification together with the cost of non-labor and sub-consultant services. The labor breakdown shall be compiled by project task and be based on a listing of work tasks that correlates with the Consultant's defined scope of work for the project proposal. For each task, sum the total hours and the total cost. The sum of all task hours and task cost shall be provided. This information will be used by SAWPA to evaluate the reasonableness of the fee proposal and will be used in negotiating the final fee amounts for the contract agreement. Optional tasks shall be detailed as described above for all tasks. Optional tasks shall be broken out separately and not included in the sum of all task hours and all task costs. For each optional task sum the total hours and the total cost.
- iii) The Consultant shall detail the hours allocated to meetings by meeting type (kickoff, bi-weekly coordination, Commission, etc.).

- iv) The Consultant's billing rates for all classifications of staff likely to be involved in the project shall be included with the fee proposal, along with the markup rate for any non-labor expenses and sub-consultants.
- v) SAWPA will review the fee proposal of the Consultant deemed most qualified after completing a review of the proposals and conducting interviews. The final scope and fee will be negotiated with the top ranked Consultant.
- vi) Reimbursable expenses will not be allowed unless included in the proposal and negotiated prior to a contract. Billing rate escalations during the contract term are disfavored and shall be approved in negotiations prior to execution of a contract.

7) **Proposal Requirements**

Although no specific format is required by SAWPA, this section is intended to provide guidelines to the Consultant regarding features, which SAWPA will look for and expect to be included in the proposal.

a) **Content and Format**

SAWPA requests that submitted proposals are organized, presented in an understandable format, and relevant to the services requested. Consultant's proposals shall be clear, accurate, and comprehensive. Excessive or irrelevant material is not of benefit and will not contribute to overall evaluation.

Proposals should be limited to pertinent information. Proposal should be no more than twenty-five **(10) typed pages** (based on an 11-point minimum font size), including Table of Contents. Resumes, cover letter and page dividers will not count toward the proposal page limit. Resumes should be included in an appendix. The fee proposal, provided in a separate file, should contain information to clearly respond to the information that is requested in the RFP.

The proposal should include the following:

- Cover or transmittal letter
- Table of Contents, page numbering
- Project Approach and Scope of Services
- Project Team and Organization Diagram
- Descriptions of similar projects by key staff to be used on this assignment including scope and complexity of the projects
- Brief resumes of key staff and sub-consultants (In Appendix)
- Relevant and appropriate references
- Project schedule
- Breakdown of total hours by Task. Total hours include Consultant personnel and subconsultants.
- Contract Exceptions, Proof of Insurance
- Fee proposal, billing rates for staff. In addition, the fee proposal shall include a breakdown of hours by type of personnel identified as part of the project team **(submitted in a separate file)**.

Some of these areas are described in further detail below:

b) **Cover or Transmittal Letter**

An individual authorized to bind the Consultant shall sign the proposal and fee proposal. The proposal shall contain a statement that the proposal and fee are valid for at least a 90-day period.

c) **Project Approach and Scope of Services**

A description of the work program that will be undertaken shall be included in this section. It should explain the technical approach, methodology, and specific tasks and activities that will be performed to address the specific issues and work items identified in the RFP. It should also include a discussion of constraints, problems, and issues that should be anticipated during the contract, and suggestions for approaches to resolving them. Any proposed deviations to the scope of work as described herein should be clearly noted.

d) **Project Team and Organization Diagram**

The purpose of this section is to describe the organization of the project team including sub-consultants and key staff. A project manager shall be named who shall be the prime contact and be responsible for coordinating all activities with SAWPA. An organizational diagram shall be submitted showing all key team members, their office location, and the relationship between SAWPA, the project manager, key staff, and sub-consultants. There also shall be a brief description of the role and responsibilities of all key staff and sub-consultants identified in the team organization.

e) **Project Schedule**

A project schedule shall be included which identifies the timetable for completion of tasks, activities, and phases of the project that correlate with the scope of work for the project. There should be a brief discussion of any key assumptions used in preparing the timetable, and identification of critical tasks and/or events that could impact the overall schedule.

f) **Contract Exceptions, Proof of Insurance**

The Consultant shall carefully review the standard agreement and include with the proposal a description of any exceptions requested to the standard contract. If there are no exceptions, a statement to that effect shall be included in the proposal.

The Consultant shall furnish, with the proposal, proof of insurance coverage to the minimum levels identified in Section 8.

g) **Fee Proposal (In Separate Sealed Envelope)**

A Fee Proposal shall be submitted per the requirements of Section 6 as both a PDF and Excel file and uploaded as General Attachments.

8) **General Requirements**

a) **Insurance Requirements**

The Consultant shall furnish, with the proposal, proof of the following minimum insurance coverage. Full information on insurance requirements is listed in Attachment B. These minimum levels of coverage are to be maintained for the duration of the project:

- i) Obtain a Commercial **General Liability and an Automobile Liability** insurance policy, including contractual coverage, with limits for bodily injury and property damage in an amount of not less than \$2,000,000.00 per occurrence for each such policy. Such policy shall name SAWPA, its officers, employees, agents and volunteers, as an additional insured, with any right to subrogation waived as to SAWPA, its officers, employees, agents and volunteers. If Commercial General Liability Insurance or other form with an aggregate limit is used, either the general aggregate limit shall apply separately to the work assigned by SAWPA under this Agreement or the general aggregate limit shall be at least twice the required occurrence limit. The coverage shall be at least as broad as Insurance Services Office Commercial General Liability Coverage (occurrence Form CG 00 01) and Insurance Services Office Form CA 00 01 covering Automobile Liability, Code 1 (any auto). The Commercial Liability Insurance shall include operations, products and completed operations, as applicable.
- ii) Obtain a policy of **Professional Liability** (errors and omissions) insurance appropriate to the Consultant's profession in a minimum amount of \$2,000,000.00 per claim or occurrence to cover any negligent acts or omissions or willful misconduct committed by Consultant, its employees, agents and subcontractors in the performance of any services for SAWPA. Architects' and engineers' coverage shall include contractual liability.
- iii) Obtain a policy of **Employer's Liability** insurance in a minimum amount of \$1,000,000.00 per accident for bodily injury and property damage.
- iv) Provide **worker's compensation** insurance or a California Department of Insurance-approved self-insurance program in an amount and form required by the State of California and the Employer's Liability Insurance that meets all applicable Labor Code requirements, covering all persons or entities providing services on behalf of the Consultant and all risks to such persons or entities.

The Consultant is encouraged to contact its insurance carriers during the Proposal stage to ensure that the insurance requirements can be met if selected for negotiation of a contract agreement.

b) **Standard Form of Agreement**

The selected Consultant will enter into an agreement with SAWPA based upon the contents of the RFP and the Consultant's proposal. SAWPA's standard form of agreement is included as **Attachment A**. The Consultant shall carefully review the agreement, especially in regard to the indemnity and insurance provisions, and include with the proposal a description of any exceptions requested to the standard contract. If there are no exceptions, a statement to that effect shall be included in the proposal.

c) **Assigned Representatives**

SAWPA will assign a responsible representative to administer the contract and to assist the Consultant in obtaining information. The Consultant also shall assign a project manager who shall be identified in the proposal. The Consultant's

representative shall remain in responsible charge of the Consultant's duties from the notice-to-proceed through project completion. SAWPA's representative shall approve any substitution of representatives or sub-consultants identified in the written proposal. SAWPA reserves the right to review and approve/disapprove all key staff and sub-consultant substitution or removal, and may consider such changes not approved to be a breach of contract.

9) Consultant Evaluation and Selection Process

SAWPA's consultant evaluation and selection process is based on comprehensive review of the proposals for professional services. The following criteria will be used in evaluating the proposals:

1. Understanding of the project requirements including identification of critical elements and key issues for successful project implementation.
2. Technical approach and work plan for the project, including innovative approaches
3. Relevant qualifications and experience of the firm, project manager, other key individuals, and sub-consultants and past performance and experience.
4. Schedule
5. Quality control procedures
6. Results of reference checks
7. Clarity of proposal and compliance with proposal requirements

Firms submitting the best proposals may be invited to an interview conducted by a selection panel made up of representatives from SAWPA member agencies, sub-agencies, and/or SAWPA staff. The number of firms to be invited for interviews is at the discretion of SAWPA. The interview format and details will be included in the interview invitation letter. SAWPA recognizes the significant effort required to respond to this RFP and therefore discourages any firm or team which lacks the required experience to submit a proposal for evaluation.

SAWPA may negotiate a contract with the most qualified firm or firms for the desired consulting services and compensation level, which SAWPA determines is fair and reasonable. Failing a successful negotiation with the best-qualified firm or firms, SAWPA will terminate negotiations and continue the negotiation process with the next most qualified firm(s), in order to obtain the services at a fair and reasonable price, until an agreement is reached, a firm is selected, and an agreement is executed.

10) Attachments

Attachment A — Standard form of Agreement

11) Available Documents

The following reference documents are available for download from SAWPA (Dropbox). Please e-mail David Ruhl at druhl@sawpa.org to receive download instructions.

1. Record drawings of Reach IV-B
2. FIP Findings and Rehabilitation Recommendations Report – Reach IV-B, Prepared by Woodard & Curran, June 2024

3. PROPOSAL AUTHORIZATION

(Please provide this document (or exact information) on your letterhead)

I certify I am authorized to submit a binding proposal on behalf of my company, (enter company name), and this proposal conforms to required specifications unless otherwise noted.

Company Name

Proposal Submitted by

Title

Signature

Date

Email

Telephone Number


Facsimile Number

**Santa Ana Watershed Project Authority
PA24 - Brine Line - Financial Report
July 2025**

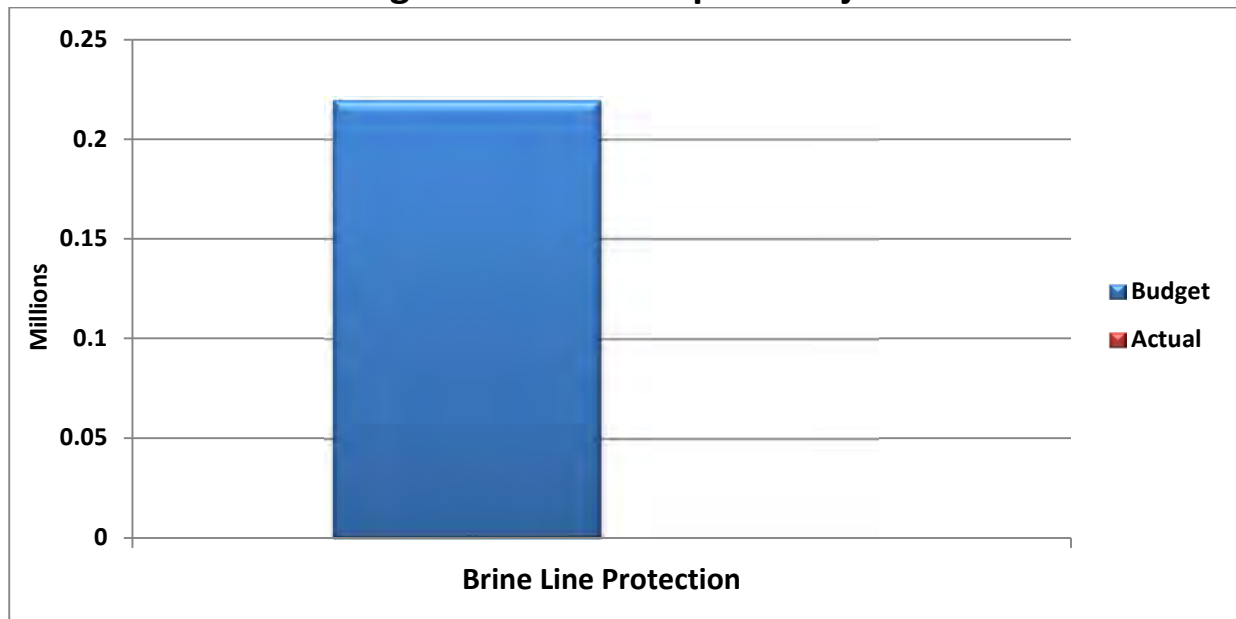
Staff comments provided on the last page are an integral part of this report.

Overview	This report highlights the Brine Line's key financial indicators for the Fiscal Year-to-Date (FYTD) through July 2025 unless otherwise noted.
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Brine Line - Capital Projects

Budget to Actual – Capital Projects				 Favorable
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Brine Line Protection	\$2,632,558	\$219,380	\$-	\$219,380
Total Capital Costs	\$2,632,558	\$219,380	\$-	\$219,380

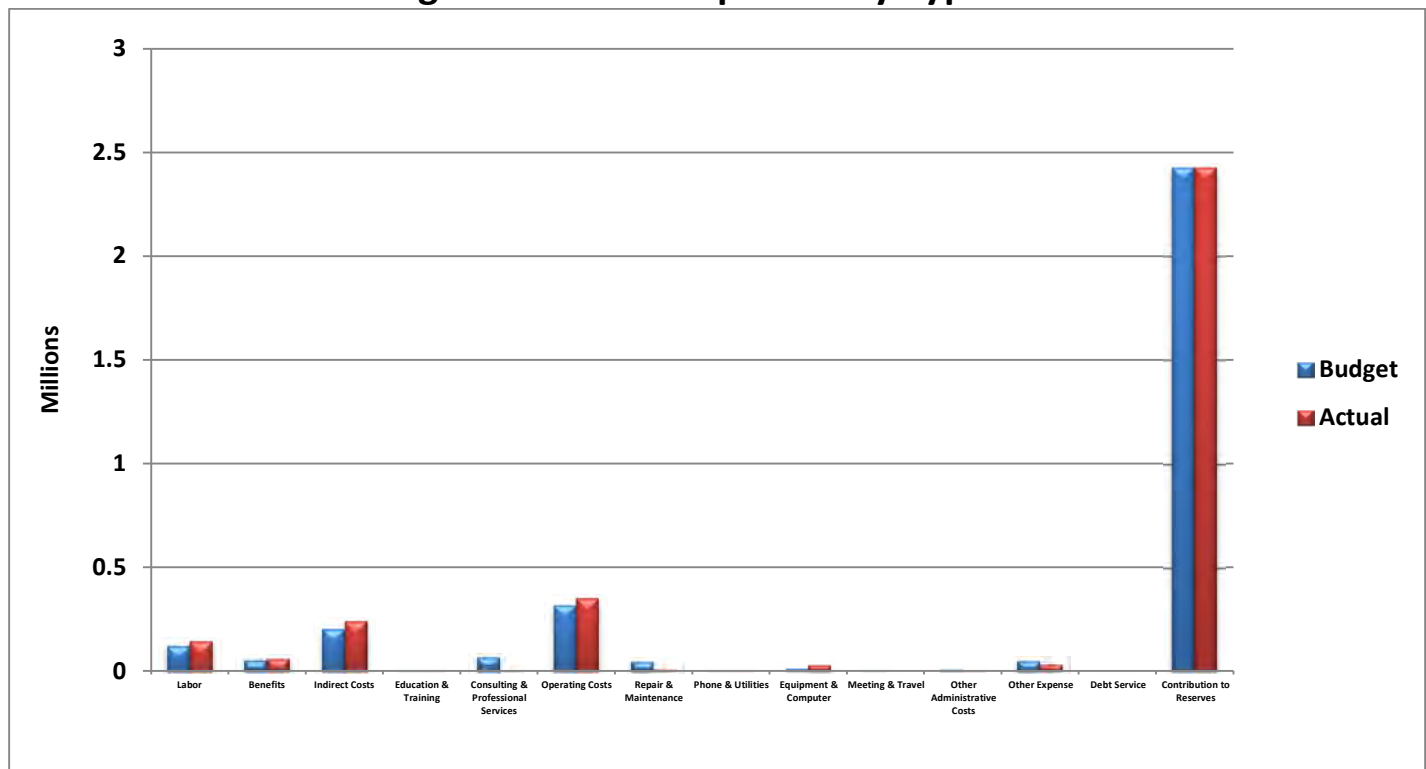
Budget to Actual - Capital Projects




Brine Line – Operating

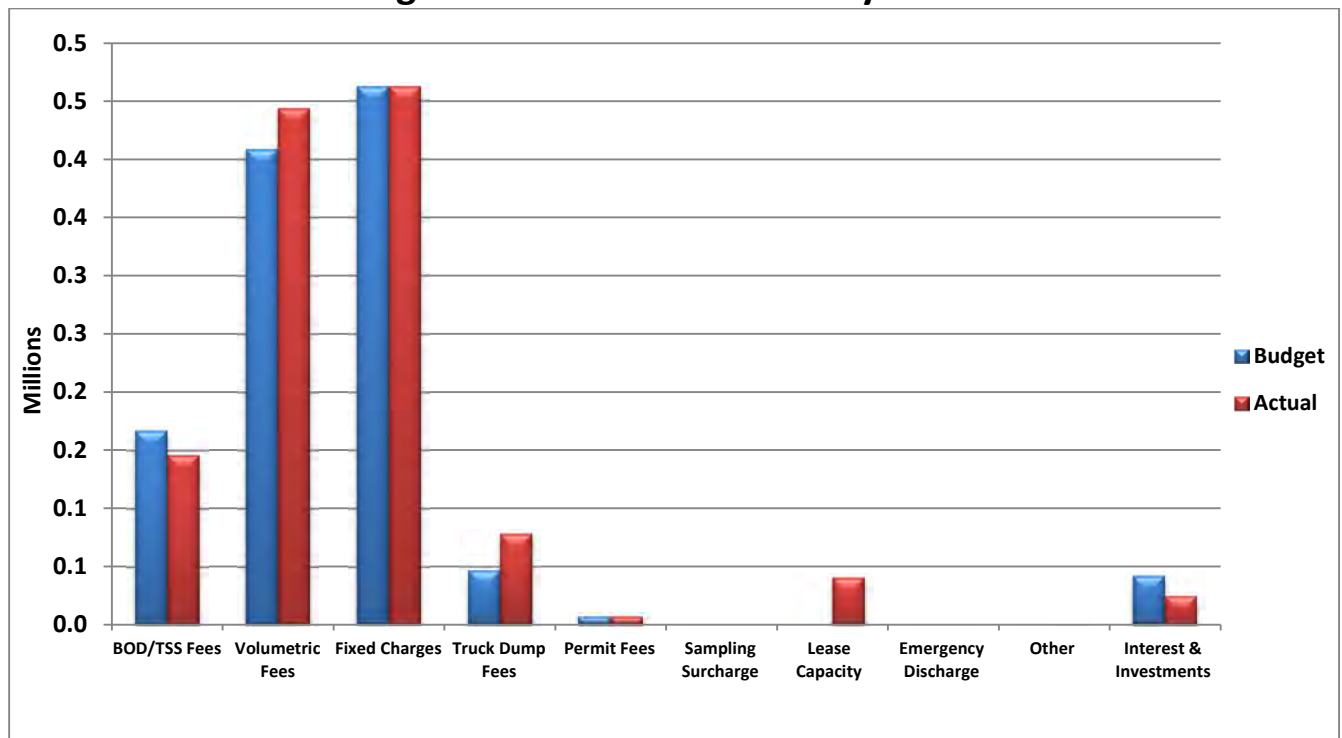
Budget to Actual - Expenses by Type				 Favorable
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Labor	\$1,434,775	\$119,565	\$141,379	(\$21,814)
Benefits	577,649	48,137	56,976	(8,839)
Indirect Costs	2,438,925	203,244	240,343	(37,099)
Education & Training	14,500	1,208	35	1,173
Consulting & Prof Svcs	810,000	67,500	2,538	64,962
Operating Costs	3,785,480	315,457	347,140	(31,683)
Repair & Maintenance	518,000	43,167	8,657	34,510
Phone & Utilities	11,000	917	888	29
Equip & Computers	160,706	13,392	28,096	(14,704)
Meeting & Travel	3,000	250	-	250
Other Admin Costs	82,050	6,838	1,636	5,202
Other Expense	566,680	47,223	30,494	16,729
Debt Service	1,709,476	-	-	-
Contribution to Reserves	2,426,224	2,426,224	2,426,224	-
Total	\$14,538,465	\$3,293,122	\$3,284,406	\$8,716

Budget to Actual - Expenses by Type

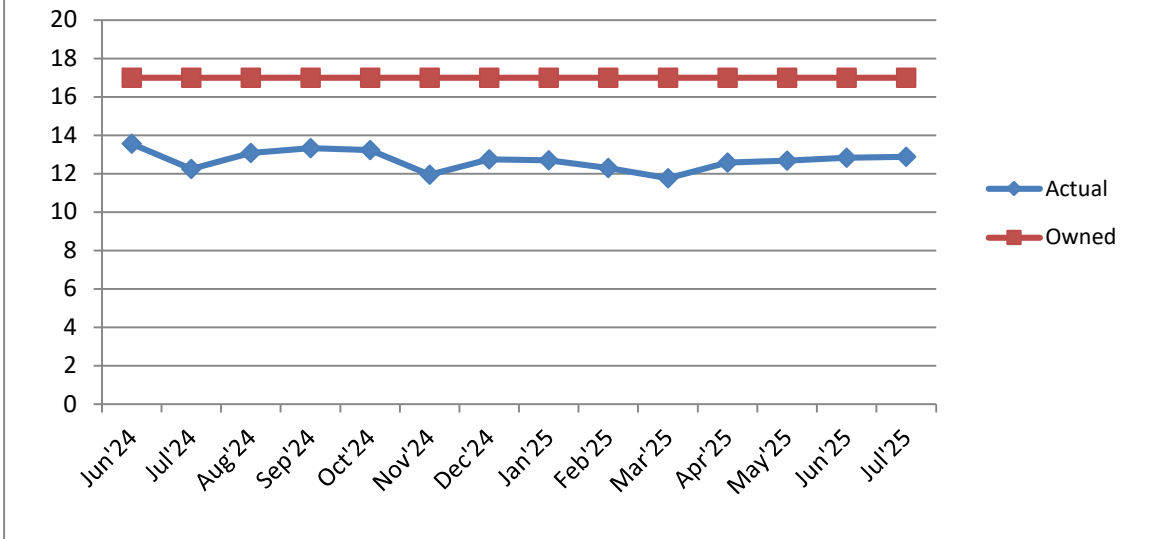


Budget to Actual - Revenues by Source				 Favorable
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
BOD/TSS Fees	\$2,002,800	\$166,900	\$145,937	(\$20,963)
Volumetric Fees	4,901,220	408,435	443,422	34,987
Fixed Charges	5,546,045	462,170	462,170	-
Truck Dump Fees	559,600	46,633	77,924	31,291
Permit Fees	28,800	6,500	6,500	-
Sampling Surcharge	-	-	-	-
Lease Capacity Revenue	-	-	40,387	40,387
Emergency Discharge Fees	-	-	-	-
Other Revenue	-	-	33	33
Interest & Investments	1,500,000	41,667	24,564	(17,103)
Total	\$14,538,465	\$1,132,305	\$1,200,937	\$68,632

Budget to Actual - Revenues by Source



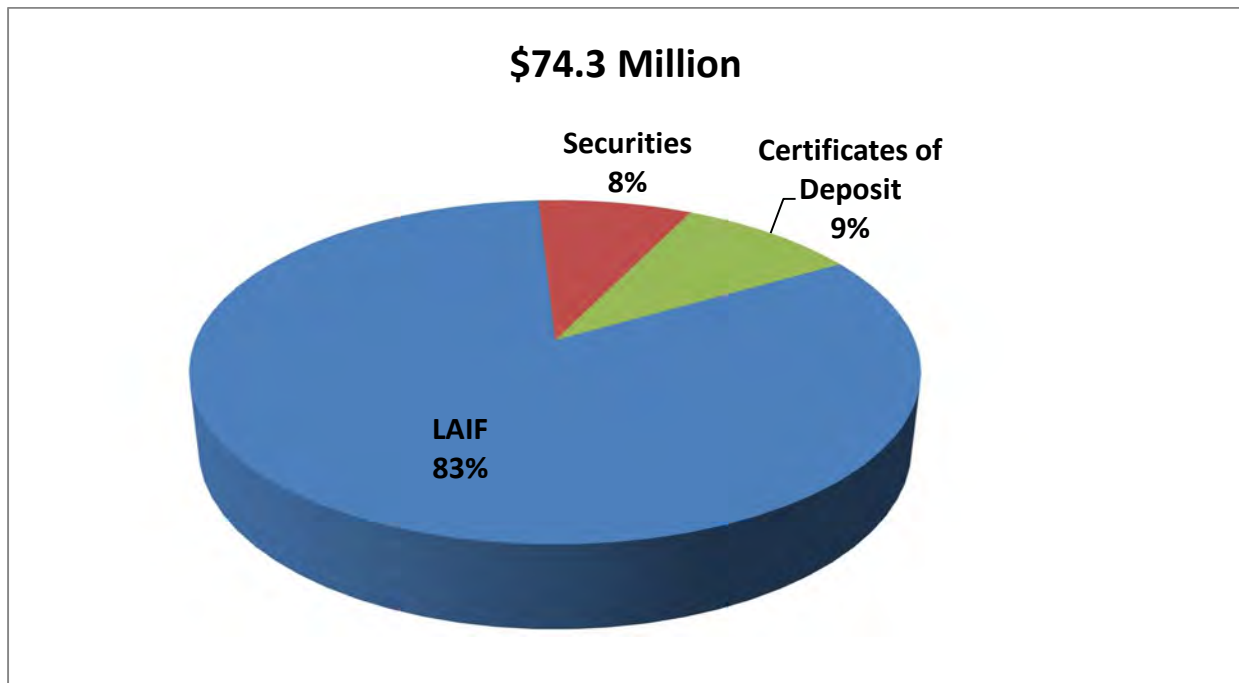
Average Daily Flow by Month



Total Discharge by Agency (in million gallons)

Discharger	Jul'25	Aug'25	Sep'25	Oct'25	Nov'25	Dec'25	Total
Chino Desalter Authority	108.2149						108.2149
Eastern Municipal Water District	111.5109						111.5109
Inland Empire Utilities Agency	14.1188						14.1188
San Bernardino Valley MWD	43.0155						43.0155
Western Municipal Water District	118.5799						118.5799
SAWPA Adjustment	0.0000						0.0000
Truck Discharge	3.7846						3.7846
Total	399.2246						399.2246





Total Cash & Investments



Reserve Fund Balance

	Amount
Debt Retirement	\$3,142,328
Pipeline Replacement & Capital Investment	40,429,066
OC San Pipeline Rehabilitation	3,593,976
Pipeline Capacity Management	13,363,704
OC San Future Treatment & Disposal Capacity	2,046,026
YVWD Treatment Purchase	4,569,152
Brine Line Operating	2,387,248
Brine Line Operating Cash	4,732,959
Total Reserves	\$74,264,459

Legend

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

Staff Comments

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

Capital Projects are 100% below budget. Operating Expenses are 0.26% below budget and Revenues are 6.1% above budget.