



**REGULAR MEETING OF THE BOARD OF DIRECTORS**  
**2:00 pm Tuesday, February 6, 2024**

**In Person:**

380 East Vanderbilt Way  
San Bernardino, CA 92408

**Online via Zoom:**

<https://sbvmwd.zoom.us/j/684456030>

Meeting ID: 684 456 030

**PASSCODE: 3802020**

**By Telephone:**

Dial-in Info: (877) 853 5247 US Toll-free

Meeting ID: 684 456 030

**PASSCODE: 3802020**

If you are unable to participate online or by telephone, you may also submit your comments and questions in writing for the District's consideration by sending them to [comments@sbvmwd.com](mailto:comments@sbvmwd.com) with the subject line "Public Comment Item #" (insert the agenda item number relevant to your comment) or "Public Comment Non-Agenda Item". Submit your written comments by **6:00 p.m. on Monday, February 5, 2024**. All public comments will be provided to the Board President and may be read into the record or compiled as part of the record.

**IMPORTANT PRIVACY NOTE:** Online participants **MUST** log in with a Zoom account. The Zoom app is a free download. Please keep in mind: (1) This is a public meeting; as such, the virtual meeting information is published on the World Wide Web and available to everyone. (2) Should you participate remotely via telephone, your telephone number will be your "identifier" during the meeting and available to all meeting participants; there is no way to protect your privacy if you elect to call in to the meeting.



**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**  
380 E. Vanderbilt Way, San Bernardino, CA 92408

**REGULAR MEETING OF THE BOARD OF DIRECTORS**  
**2:00 PM Tuesday, February 6, 2024**

**CALL TO ORDER/PLEDGE OF ALLEGIANCE/ROLL CALL**

**1) PUBLIC COMMENT**

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

**2) CONSENT CALENDAR**

- 2.1 Approve Minutes of the Board of Directors' Workshop - Resources-Engineering - January 9, 2024 (2 min) - Page 3  
[Staff Recommendation - Approve Minutes of the Board of Directors' Workshop - Resources/Engineering 010924](#)
- 2.2 Approve Minutes of the Regular Board of Directors' Meeting - January 16, 2023 (2 min) - Page 6  
[Staff Recommendation - Approve Minutes of the Regular Board of Directors' Meeting -011624](#)

**3) DISCUSSION AND POSSIBLE ACTION ITEMS**

- 3.1 Draft Legislative Principles for Review and Feedback (20 min) - Page 12  
[Staff Memo - Draft Legislative Principles for Review and Feedback Draft 2024 Legislative Principles](#)
- 3.2 Consider Authorizing CEO/General Manager to Execute Contract for the 2024 Cathodic Testing Survey Program of District Pipelines with V&A Consulting (20 min) - Page 30  
[Staff Memo - Consider Authorizing CEO/General Manager to Execute Contract for the 2024 Cathodic Testing Survey Program of District's Pipelines with V&A Consulting](#)  
[V&A Consulting Proposal for 2024 Cathodic Testing Survey Program of District Pipelines](#)

**4) REPORTS (Discussion and Possible Action)**

- 4.1 State Water Project Report (20 min) - Page 39  
[State Water Project Report](#)  
[State Water Project Drives California's Economy](#)  
[The Economy of the State Water Project Brochure](#)

Water Year 2023 Operations: A Review of Operational Decisions  
Work Performed During December 2023 from Delta Conveyance Design & Construction  
Authority January 2024 Monthly Report  
Sites Reservoir Project Monthly Status Report for January 2024

- 4.2 Directors' Report of Activities and Travel Requests in accordance with Resolution 1100
- 4.3 General Counsel Report
- 4.4 Ad-Hoc and Standing Committee Reports
- 4.5 SAWPA Meeting Report

5) **FUTURE BUSINESS**

6) **ANNOUNCEMENTS**

- 6.1 List of Announcements (2 min) - Page 62  
[List of Announcements 020624](#)

7) **CLOSED SESSION**

8) **ADJOURNMENT**

**MINUTES  
OF  
THE  
BOARD OF DIRECTORS WORKSHOP – RESOURCES/ENGINEERING  
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

**January 9, 2024**

**Directors Present:** Gil J. Botello, T. Milford Harrison, June Hayes, Susan Longville

**Directors Absent:** Paul R. Kielhold

**Staff Present:**

Joanna Gibson, MS – Executive Director Upper SAR Habitat Conservation Program  
Wen B. Huang, PE, MS – Assistant General Manager/Chief Operating Officer  
Jose Macedo, ML, CPT-P (USA Retired) – Chief of Staff/Clerk of the Board  
Michael Plinski, PE – Chief of Water Resources  
Melissa Zoba, MBA, MPA – Chief Information Officer

Leo Ferrando, PE – Assistant Chief Engineer  
Anthony Flordelis – Business Systems Analyst  
Matthew Flordelis – Lead Water Systems Operator  
Kelly Malloy, MPA – Strategic Communications Manager  
Adekunle Ojo, MPA – Water Resources Manager  
Matthew Olivo – Senior Accountant  
Sayer Pinto, MBA - Principal Water Resources Analyst  
Shavonne Turner, MPA – Engagement & Conservation Program Manager

**Members of the Public in Attendance:**

James Morales, East Valley Water District  
Melody McDonald, San Bernardino Valley Water Conservation District  
Joyce McIntire, Yucaipa Valley Water District

The Resources/Engineering Workshop of the Board of Directors was called to order by Chairperson June Hayes at 2:00 p.m. A quorum was noted present.

**Agenda Item 1. Introductions.** The following introduced themselves:

- Melody McDonald of San Bernardino Valley Water Conservation District
- James Morales of East Valley Water District



**Agenda Item 2. Public Comment.** Chair Hayes invited public comment. There was none.

### **Agenda Item 3. Discussion and Possible Action Items**

**3.1) Consider Authorizing Procurement of Additional Heavy Equipment Components.** Assistant General Manager/Chief Operating Officer Wen Huang explained this is a follow up item to previous Board consideration in August 2023.

Assistant Chief Engineer Leo Ferrando briefed the Board on progress toward the Board-approved purchase of \$1,285,000 in heavy equipment. By December, staff realized that additional components and accessories were needed to continue the support of the heavy fleet, he explained. Staff requested authorization for procurement of additional equipment for \$140,000, adding this would bring the grand total to \$1,420,758, which is still less than the approved budget for this fiscal year, he advised.

Mr. Ferrando presented a list of the requested items and costs:

- Ford F250 crew cab diesel 4WD
- 2,000 gallon above-ground storage tank
- Additional cost for EPA permit for dump truck
- Additional accessories for maintenance and operations

Mr. Ferrando said the items would be very helpful over the next few months as operations continue to expand including maintenance of Weaver Basins, the Enhanced Recharge project, and other facilities.

Director Longville asked about the ability of the 2,000-gallon tank to meet the District's needs in the event of a major catastrophe. Lead Water Systems Operator Matthew Flordelis said it would depend on the use of the equipment and offered some detail. He said it would provide a good amount of storage and allow for fuel to be bought at a wholesale price. Director Longville asked for detail on use, and Mr. Flordelis indicated it would be in regular use.

Director Botello recalled his previous question about a local supplier and inquired about the Ford F250. The quote is from Redlands Ford, Mr. Flordelis answered. Director Botello said that he hoped future purchases would be spread to different area dealers. He indicated support for the purchases and acknowledged the District's investment in the equipment. Mr. Ferrando added staff uses Sourcewell, which does the bidding for the agency and seeks the best prices in the Inland Empire area.

The Board authorized the CEO/General Manager to procure additional components to support the heavy equipment fleet for up to \$140,000 by the following roll-call vote:

MOVED: Harrison	SECONDED: Botello	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Kielhold	

**Agenda Item 4. Future Business.**

**Agenda Item 5. Adjournment.**

The meeting was adjourned by Chair Hayes at 2:14 p.m.

<p>APPROVAL CERTIFICATION</p> <p>I hereby certify to approval of the foregoing Minutes of San Bernardino Valley Municipal Water District.</p>  <p>_____</p> <p><b>Secretary</b></p> <p>Date _____</p>
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Respectfully submitted,

Lynda J. Kerney  
Contract Assistant

**MINUTES  
OF  
THE  
REGULAR BOARD MEETING  
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

**January 16, 2024**

**Directors Present:** Gil J. Botello, T. Milford Harrison, June Hayes, and Susan Longville

**Directors Absent:** Paul R. Kielhold

**Staff Present:**

Heather Dyer, MS, MBA – Chief Executive Officer/General Manager  
 Wen B. Huang, PE, MS – Assistant General Manager/Chief Operating Officer  
 Jose Macedo, ML, CPT-P (USA Retired) – Chief of Staff/Clerk of the Board  
 Michael Plinski, PE – Chief of Water Resources  
 Cindy Saks, CPA – Chief Financial Officer/Deputy General Manager  
 Greg Woodside, PG, C.Hg. – Chief of Planning and Watershed Resilience  
 Melissa Zoba, MBA, MPA – Chief Information Officer

Leo Ferrando, PE – Assistant Chief Engineer  
 Anthony Flordelis – Business Systems Analyst  
 Matthew Olivo – Senior Accountant  
 Karen Resendez, MAOL – Human Resources & Risk Manager  
 Shavonne Turner, MPA – Engagement & Conservation Program Manager

Scott Heil, Varner & Brandt, District Legal Counsel

**Members of the Public in Attendance:**

Paul Kielhold, attending as a member of the public  
 Melody McDonald, San Bernardino Valley Water Conservation District  
 Kevin Walton, San Gorgonio Pass Water Agency  
 Ron Coats, East Valley Water District  
 Ben Kelly, Western Heights Mutual Water Company  
 Meredith Nikkel, Downey Brand  
 James Morales, East Valley Water District  
 Megan Sims, San Gabriel Valley Water Company / Fontana Water Company  
 Oscar Ramos, San Gabriel Valley Water Company / Fontana Water Company  
 Larry Smith, San Gorgonio Pass Water Agency

The regular meeting of the Board of Directors was called to order by Vice President Hayes at 2:00 p.m. Director Longville led the Pledge of Allegiance. A quorum was noted present by roll call.

### Agenda Item 1. Public Comment:

Vice President Hayes stated that any member of the public wishing to make any comments to the Board regarding non-agenda items may do so. There were none.

### Agenda Item 2. Consent Calendar

#### 2.1) Approve Minutes of the Regular Board of Directors Meeting - January 2, 2024

#### 2.2) Approve Minutes of the Board of Directors' Workshop - Policy/Administration - January 4, 2024

The Board of Directors approved the items on the Consent Calendar by the following roll-call vote:

MOVED: Harrison	SECONDED: Longville	APPROVED: 4-0
AYES:	Botello, Hayes, Harrison, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Kielhold	

### Agenda Item 3. Discussion and Possible Action Items.

**3.1) Consider Representation at the 2024 Bear Valley Mutual Water Company Annual Shareholders Meeting.** Chief Executive Officer/General Manager Heather Dyer explained that San Bernardino Valley is a holder of 1,180 shares at Bear Valley MWC and a nomination for representative must be made each year. The meeting will be held February 20, 2024, and the representative will vote on behalf of those shares. Last year, Assistant General Manager/Chief Operating Officer Wen Huang was appointed.

Director Harrison asked about the sale of shares and Chief Financial Officer/Deputy General Manager Cindy Saks indicated that the shares were sold as there was no need for the additional water. The only water needed was for the citrus grove around the Citrus Reservoir, and the 1,180 shares were enough to retain enough water to irrigate the grove. She recalled that approximately 1,000 acre-feet were sold to Jack Dangermond and the remainder to the City of Redlands over a period of years.

The Board of Directors appointed Wen Huang to represent the District's shares at the 2024 Bear Valley Mutual Water Company Annual Shareholders Meeting by the following roll-call vote:

MOVED: Harrison	SECONDED: Botello	APPROVED: 4-0
AYES:	Botello, Hayes, Harrison, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Kielhold	

#### **Agenda Item 4. Reports (Discussion and Possible Action Items).**

##### **4.1) Directors' Report of Activities and Travel Requests in accordance with Resolution 1100.**

Director Harrison reported that he attended:

- January 10 – San Bernardino Valley Water Conservation District Board Meeting
- January 11 – Grand Terrace Chamber of Commerce
- January 15 – Association of Special Districts Board Meeting

Director Longville reported that she attended:

- January 5 – PERC Committee Meeting
- January 8 – Climate Resiliency Committee Meeting
- January 9 – VIP Lunch with the Climate Center
- January 10 – San Bernardino Valley Water Conservation District Board Meeting
- January 12 – East Valley Water District SNRC startup at Weaver Basins

Director Longville submitted a travel request in order to chair a committee on climate and water for the March 19 Climate Center Annual Policy Summit.

The Board of Directors approved this travel request by the following roll-call vote:

MOVED: Botello	SECONDED: Harrison	APPROVED: 4-0
AYES:	Botello, Hayes, Harrison, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Kielhold	

Director Botello reported that he attended:

- January 10 – San Bernardino Valley Water Conservation District Board Meeting
- January 12 – East Valley Water District SNRC startup at Weaver Basins

Director Hayes reported that she attended:

- January 4 – West Valley Water District Board Meeting
- January 5 – Orange County Water Advisory Committee
- January 8 – Climate Resiliency Meeting
- January 10 – San Bernardino Valley Water Conservation District Board Meeting
- January 16 – Virtual Meeting with Attorney General Rob Bonta on racial healing

Vice President Hayes advised the Board of an infrastructure workshop with Senator Rosilicie Ochoa-Bogh on January 19 at East Valley Water District.

Vice President Hayes requested authorization for attendance at a meeting on atmospheric rivers and weather information at Scripps. CEO/General Manager Dyer noted that the location in La Jolla is 85 miles away and would not require a travel request.

**4.2) General Counsel Report.** No report.

**4.3) SAWPA Meeting Report.** Director Harrison gave the report.

- Received the following Informational Report:
  - Legislative Report
- The per day of service rate for Commissioners and Alternate Commissioners will automatically increase by five percent (5%) effective January 2024.
- Adopted Resolution 2024-2 to recognize Mike R. Markus for his contributions and service to SAWPA.

**4.4) Treasurer's Report.** Director Harrison gave the report. Ms. Saks advised that \$8.9 million was expended to finalize the Greenspot Pump Station buyback. The paperwork is expected to be completed in March or April 2024. This pays off the loan against the Station, she explained.

The Board approved the following expenses for the month of December 2023: State Water Contract Fund \$12,691,988.00 and General Fund \$2,208,489.38 by the following roll-call vote:

MOVED: Harrison	SECONDED: Botello	APPROVED: 3-0
AYES:	Botello, Hayes, Harrison,	
NOES:	None	
ABSTAIN:	Longville	
ABSENT:	Kielhold	

**4.5) Water Delivery Report.** Chief of Water Resources Michael Plinski presented the report. In December 2023, 5,804 acre-feet of imported water was delivered to the District. At the beginning of the year, orders for approximately 25,000 af of direct deliveries were received. Throughout the year, approximately 18,600 af was delivered (74 percent).

A recharge target of 40,000 af was set and roughly 38,000 af (94 percent) was recharged, Mr. Plinski noted.

Mr. Plinski pointed to State Water Project (SWP) deliveries and advised there will be approximately 5,600 af of carryover, resulting in access to 63,000 af in 2024. In addition, there is 3,000 af stored in a Metropolitan's Kern-Delta Water Bank, he noted.

Monthly updates on the SWP are provided to retail water providers within the service area and the current allocation remains at 10 percent, Mr. Plinski noted. The initial snowpack evaluation has come in under average, he said.

A well-attended meeting with all retail agencies was held last week to discuss planning efforts for 2024 SWP deliveries, Mr. Plinski continued. The plan will be shared at the next meeting.

Director Longville expressed appreciation for the detailed reports.

Director Botello indicated he heard the snowpack is at 40 percent of normal. Director Longville confirmed but reminded him there is rain coming.

In response to Director Botello, Mr. Plinski explained the City of San Bernardino contributes toward SWP purchases through the Groundwater Council, and the water goes into recharge. CEO/General Manager Dyer added that this is because the City does not have a water treatment plant, and direct deliveries go to agencies with a treatment plant.

**Agenda Item 5. Future Business.** There was none.

**Agenda Item 6. Announcements.**

**6.1) List of Announcements.** CEO / General Manager Heather Dyer pointed out the list of announcements. She advised of a joint meeting / workshop with the San Geronio Pass Water Agency on February 13.

**Agenda Item 7. Adjourn Regular Meeting and convene San Bernardino Valley Municipal Water District Financing Corporation Meeting**

Vice President Hayes adjourned the Regular Meeting at 2:25 p.m.

Vice President Hayes reconvened the Regular Meeting at 2:27 p.m.

**Agenda Item 8. Closed Session.** District Counsel Scott Heil introduced the Closed Session items. Vice President Hayes adjourned the meeting to Closed Session at 2:28 p.m.

- 8.1** Conference with Legal Counsel – Existing Litigation  
Paragraph (1) of subdivision (d) of Section 54956.9  
Name of case: Blue Triton Brands, Inc. v. California State Water Resources Control Bd., et al., Fresno Super. Ct., Case No. 23CECG04202
- 8.2** Conference with Legal Counsel – Anticipated Litigation  
Significant exposure to litigation pursuant to Paragraph (2) of subdivision (d) of Section 54956.9  
Multiple potential cases (Delta Conveyance Project)

Vice President Hayes returned the meeting to Open Session at 2:58 p.m. District Counsel Scott Heil reported that there was no reportable action taken in the closed session.

**Agenda Item 8. Adjournment.** The meeting was adjourned by Vice President Hayes at 2:58 p.m.

<p>APPROVAL CERTIFICATION</p> <p>I hereby certify to approval of the foregoing Minutes of San Bernardino Valley Municipal Water District.</p>  <hr/> <p><b>Secretary</b></p> <p>Date _____</p>
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Respectfully submitted,

Lynda J. Kerney  
Contract Assistant



**DATE:** February 6, 2024  
**TO:** Board of Directors  
**FROM:** Kelly Malloy, Strategic Communications Manager  
**SUBJECT:** Draft 2024 Legislative Principles for Review and Feedback

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### **Staff Recommendation**

Review the draft 2024 Legislative Principles and provide direction to staff.

### **Summary**

San Bernardino Valley is a leader in the industry. One component of this effort is engaging early and often in the development of key legislation and regulations. Given the dichotomy of these activities taking place over long periods of time while also having limited windows for engagement, having a strategy in place can help guide the Agency's engagement priorities. Staff has prepared a draft Legislative Principles document to provide direction for on-going efforts and clarify the expectations of the program from the Board of Directors.

The draft 2024 Legislative Principles has been presented to the Legislative Committee, with feedback from committee members incorporated in the current document.

### **Background**

As a regional water agency, San Bernardino Valley has a vested interest in the legislative and regulatory activities at a local, state and federal level. Each level of government considers thousands of decisions each session. Given this magnitude of issues to monitor, it can be a challenge to maintain focus on priority issues. A strategic legislative program, rather than a reactive one, can include consistent direction on the priorities, concerns, and opportunities setting the course for what San Bernardino Valley should engage with.

The Agency's dynamic program has contributed to approved legislation, received grant funding, participated in working groups, and served as technical experts on key issues. The legislative team at San Bernardino Valley includes the Board of Directors, staff, industry organizations, and legislative advocates. Clear roles and responsibilities allow San Bernardino Valley to be nimble

while preserving our formal voice for key topics. Legislative Principles also acknowledges that there are multiple levels to these activities beyond letters formalizing the Agency's position, and the spectrum of activities that could contribute to a positive outcome. The recommendation for the principles is rooted in fostering professional relationships that will foster and inspire actions consistent with the Mission, Vision, and Values.

If approved, this document would be printed and included in the volume of strategic documents maintained by the Agency.

### **District Strategic Plan Application**

The draft 2024 Legislative Principles is consistent with the Agency's Strategy 5 *Build trust by being a collaborative and resourceful partner through effective communication and engagement*, specifically *Goal 4.1 Establish San Bernardino Valley as an industry leader, recognized locally by the public and our peers for the leadership and positive impact we have within our region and state*. This document has been developed to combine a combination of long-term policy development and rapid responses to immediate priority issues.

### **Fiscal Impact**

There is no fiscal impact related to this update.

### **Attachments**

1. Draft 2024 Legislative Principles





# LEGISLATIVE PRINCIPLES *2024*



## MISSION

Work **collaboratively** to provide a **reliable** and **sustainable** water supply to support the changing needs of our region's **people** and **environment**.

## VISION

**Diverse, Equitable, and Resilient** Water Supply and Healthy Watershed for Future Generations.

## VALUES



### **COLLABORATIVE.**

Dedicated to Work Inclusively



### **TRUSTWORTHY.**

Committed to Earn Respect



### **INNOVATIVE.**

Proactive and Effective  
Problem-Solvers



### **DRIVEN.**

Passionate and  
Empowered Leaders





*Section* *Pg.*

Purpose of the Legislative Priorities	5
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# PURPOSE OF THE LEGISLATIVE PRIORITIES

San Bernardino Valley is a regional water agency committed to working collaboratively to provide a reliable and sustainable water supply to support the changing needs of the region's people and environment.

The purpose of the Legislative Principles document is to guide San Bernardino Valley Municipal Water District's (San Bernardino Valley or Agency) engagement and activities in relation to legislative and regulatory activities. It is intended to serve as a foundational guide for actions and formal positions that may need to be taken in the rapidly changing policy development process.

Given the breadth of responsibilities that fall within San Bernardino Valley, there is a significant need to be engaged in both State and Federal legislative, regulatory rulemaking, and large-scale collaborative planning. These efforts include a combination of long-term policy development and rapid responses to immediate priority issues.

***The Legislative Principles document (Legislative Principles) has been designed to reflect the priorities adopted by the Board of Directors through the Strategic Plan and Goals and Objectives, annual budgets, and other planning documents.***

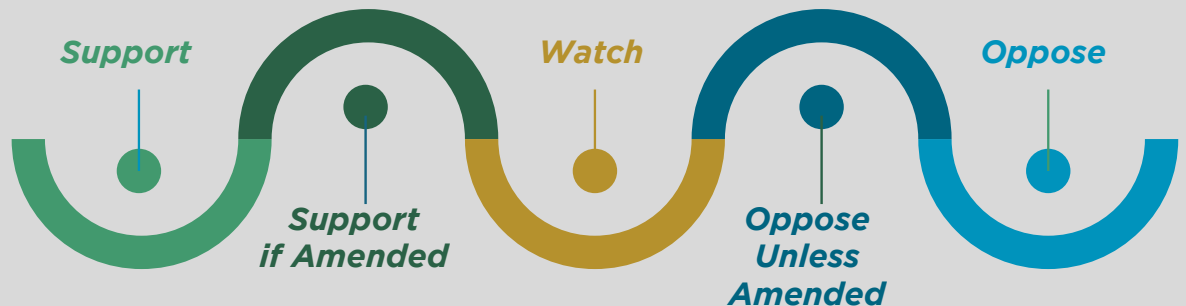
PURPOSE

PROCEDURE

## PROCEDURE FOR TAKING POSITIONS ON BILLS

The legislative and rule-making processes have opportunities for collaboration in both informal and formal settings. Efforts can include directly engaging with elected officials, legislative staff, administration staff, industry organization working groups, and regional stakeholder engagement. In general, most of the opportunities to make an impact take place during the informal collaborations where key considerations, priorities, and opportunities for compromise can be met. As a final formal procedure, San Bernardino Valley can submit comment letters which can include a formal position, commend strengths of the proposed action, and memorialize concerns, and other notable impacts of the proposed action within the Agency’s service area. Activities with the purpose to influence legislation and regulations is commonly known as legislative activities or lobbying. All legislative activities conducted on behalf of the Agency are reported as required by State and Federal law.

*There is a spectrum of positions that the Agency can maintain, whether formal or informal. The range can include:*





➤ **SUPPORT**

This position reflects the Agency’s agreement that the legislation or rule should become law. Agency staff and legislative advocates will work for passage of the proposed bill or rule.

➤ **SUPPORT IF AMENDED**

This is a position that clarifies conditional support with revisions to minor elements of the proposed language. Agency staff and legislative advocates may not advocate in support of the legislation unless it is amended as requested.

➤ **WATCH**

Take no action, but monitor the bill or rule during the legislative/ regulatory process to see if any amendments are added that may impact the Agency’s Mission, Vision, or Values.

➤ **OPPOSE UNLESS AMENDED**

This is a position that clarifies the intent to defeat the bill or rule, but only if not amended to incorporate revisions into the proposed language. Agency staff and legislative advocates will not advocate in opposition of the legislation if it is amended as requested.

➤ **OPPOSE**

This position reflects the Agency’s interest to defeat the legislation or proposed rule. Agency staff and legislative advocates will work to defeat the bill or rule in its entirety as written, and will not pursue amendments to address the areas of concern.

Throughout the legislative session the Agency may modify the internal position and evaluate whether a formal position would be beneficial. When opportunities for potential consideration are presented, the Agency should be poised to take timely positions and be an active participant in specific topics. It is important to note that each year thousands of bills and new rules are introduced for consideration, which requires the Agency to be selective in the engagement of topics relevant to the priorities approved by the Board of Directors.

Staff will provide recommendations for positions on relevant legislation and rule-making, in a manner that is consistent with the mission, vision, and values. Should a key piece of legislation or rule-making require an immediate action, the CEO/ General Manager may authorize the action and provide an update to the Board at the next regularly scheduled Board Meeting or Policy & Administration meeting.

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PURPOSE

PROCEDURE

**TEAM**

MAPS

PRIORITIES

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## LEGISLATIVE ADVOCACY TEAM

The legislative and rule-making process is a combination of both formal and informal actions. The Board of Directors, CEO/ General Manager, staff, and legislative advocates all play important roles in a successful legislative program.

### ROLES & RESPONSIBILITIES

#### *Board of Directors*

- Review, advise and adopt the Legislative Principles.
- Legislative Committee participate in meetings with legislators, staff, industry organizations and other public officials, as needed, regarding legislative activities.
- Provide direction to staff regarding proposed legislation which will guide formal and informal lobbying.
- Refrain from lobbying, advocating or taking a position contrary to the Board's adopted position. Board Members may, as allowed by law, take positions as an individual citizen so long as the correspondence clearly identifies that it is the position of the individual rather than the Agency.

TEAM



### ***CEO/ General Manager & Staff***

- Monitor, analyze and recommend positions on potential actions that could impact the Agency.
- Coordinate advocacy efforts with the Board of Directors to promote the interests of the Agency to decision-makers at all levels of government.
- Participate in meetings with legislators, legislative and administrative staff members, trade associations, coalitions, Board of Directors and other public officials, as needed.
- Seek timely Board of Directors approval of positions, as needed, for complex issues of significant concern where deviation from the principles may be advisable for community benefit.
- Update the Legislative Platform, as approved by the Board of Directors.
- Work with Legislative Advocates and Consultants to maintain Legislative Principles, with consideration of California's two-year legislative cycle and the annual Federal congressional calendar.
- CEO/General Manager and designated staff may participate in legislative advocacy on behalf of the Board of Directors, so long as it is consistent with the Mission, Vision, and Values and Legislative Principles.
- Provide an exceptional level of transparency, ethics, and customer service in representing San Bernardino Valley Municipal Water District's interest to all State officials, staff, and agencies.
- Ensure all required State and Federal reporting requirements are followed.

### ***Legislative Advocate***

- Monitor, review, and advise staff of Federal and State legislation, budget impacts, funding opportunities, and issues which may directly or indirectly impact the Agency.
- Obtain and monitor bills, resolutions, files, journals, histories, etc. and share with Agency as appropriate.
- Communicate the Agency's positions on key actions to State and Federal elected officials and staff, as well as Committee and regulatory agencies (as appropriate) and other interest groups.
- As necessary, attend hearings and provide testimony on behalf of the Agency. Where appropriate, arrange opportunities for the Agency to participate in hearing testimonies or submission of comments.
- Actively establish a strong identity and presence in Sacramento and Washington D.C. on behalf of the Agency. This effort shall be reinforced by day-to-day involvement in the regulatory and legislative actions.
- Provide an exceptional level of transparency, ethics, and customer service in representing San Bernardino's interest to all State officials, staff, and agencies.
- Assist with all required State and Federal reporting requirements are followed.

# SAN BERNARDINO VALLEY LEGISLATIVE TEAM

- Heather Dyer, MS, MBA (CEO/General Manager)
- Melissa Zoba, MBA, MPA (Chief Information Officer)
- Kelly Malloy, MPA (Strategic Communications Manager)

- Division I, June Hayes
- Division II, Gil J. Botello
- Division III, Susan Longville
- Division IV, T. Milford Harrison
- Division V, Paul R. Kielhold



- Association of California Water Agencies (ACWA)
- California Municipal Utilities Association (CMUA)
- California Special Districts Association (CSDA)
- Santa Ana Watershed Project Authority (SAWPA)
- Solve the Water Crisis
- State Water Contractors

# SAN BERNARDINO VALLEY LEGISLATIVE REPRESENTATION

San Bernardino Valley’s service area includes multiple legislative representatives at the County, State and Local level.

Given this diversity of elected officials, it is essential that San Bernardino Valley foster on-going and productive relationships with these key partners. This connection will foster increased opportunities for information sharing, collaboration, and cooperation within the overlapping jurisdictions that serve the same people and environment.



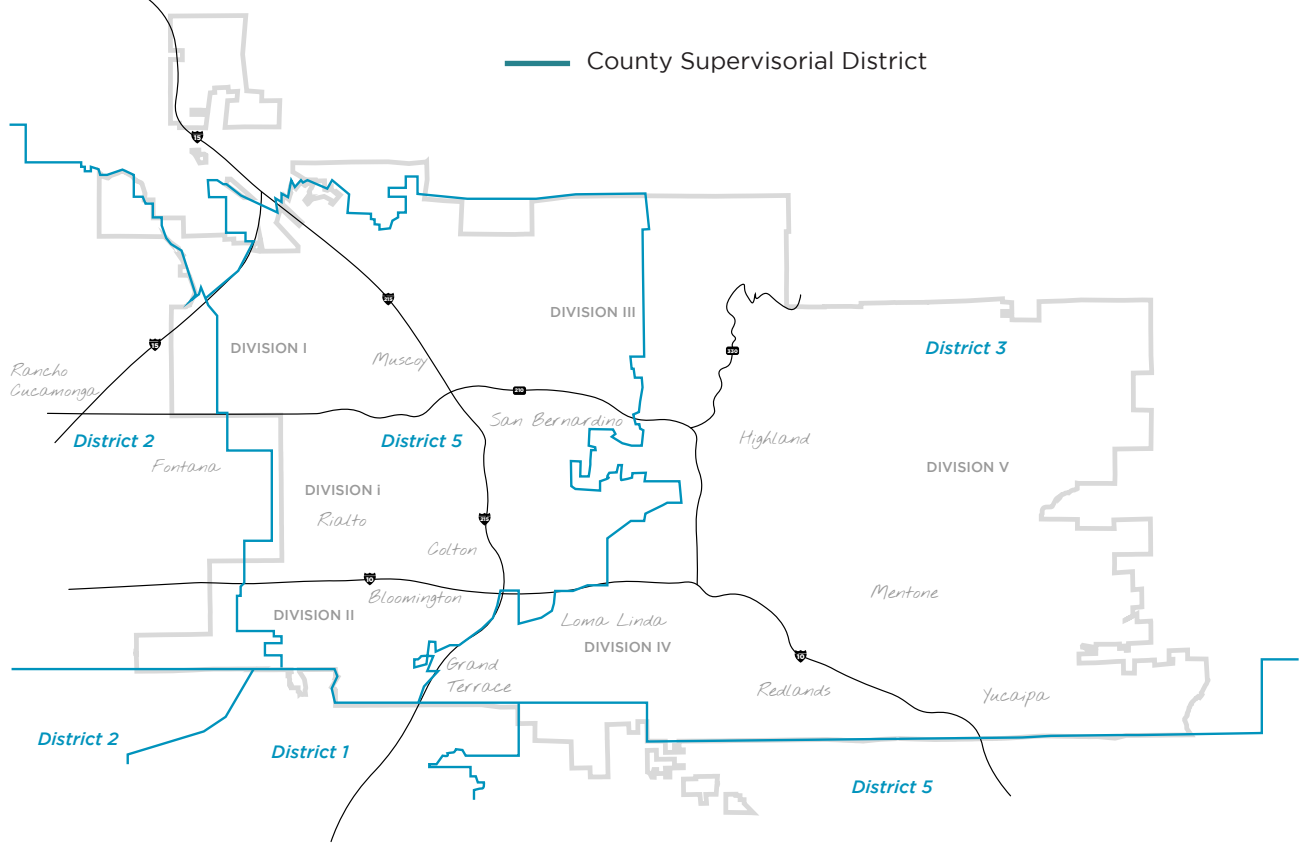
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- PURPOSE
- PROCEDURE
- TEAM
- MAPS**
- PRIORITIES

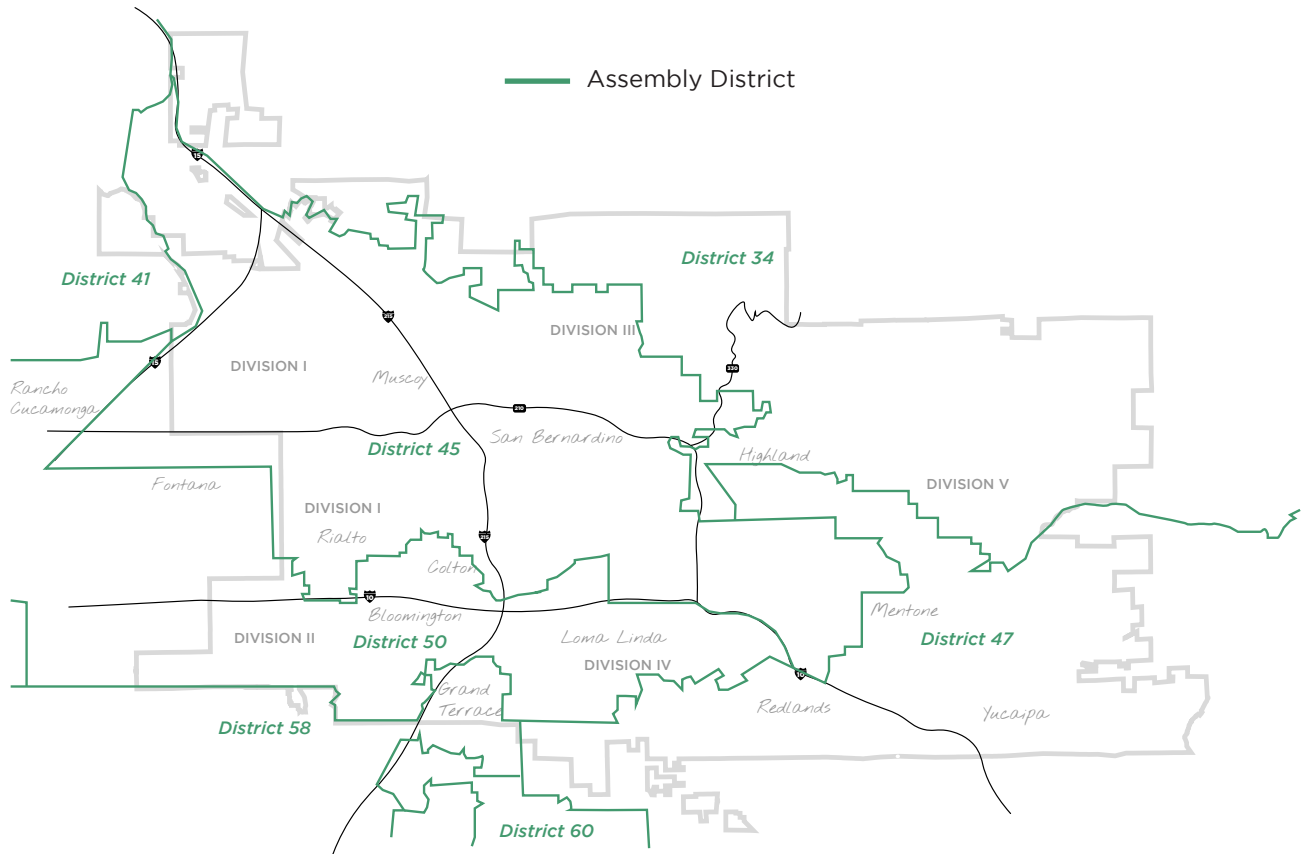
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# MAPS

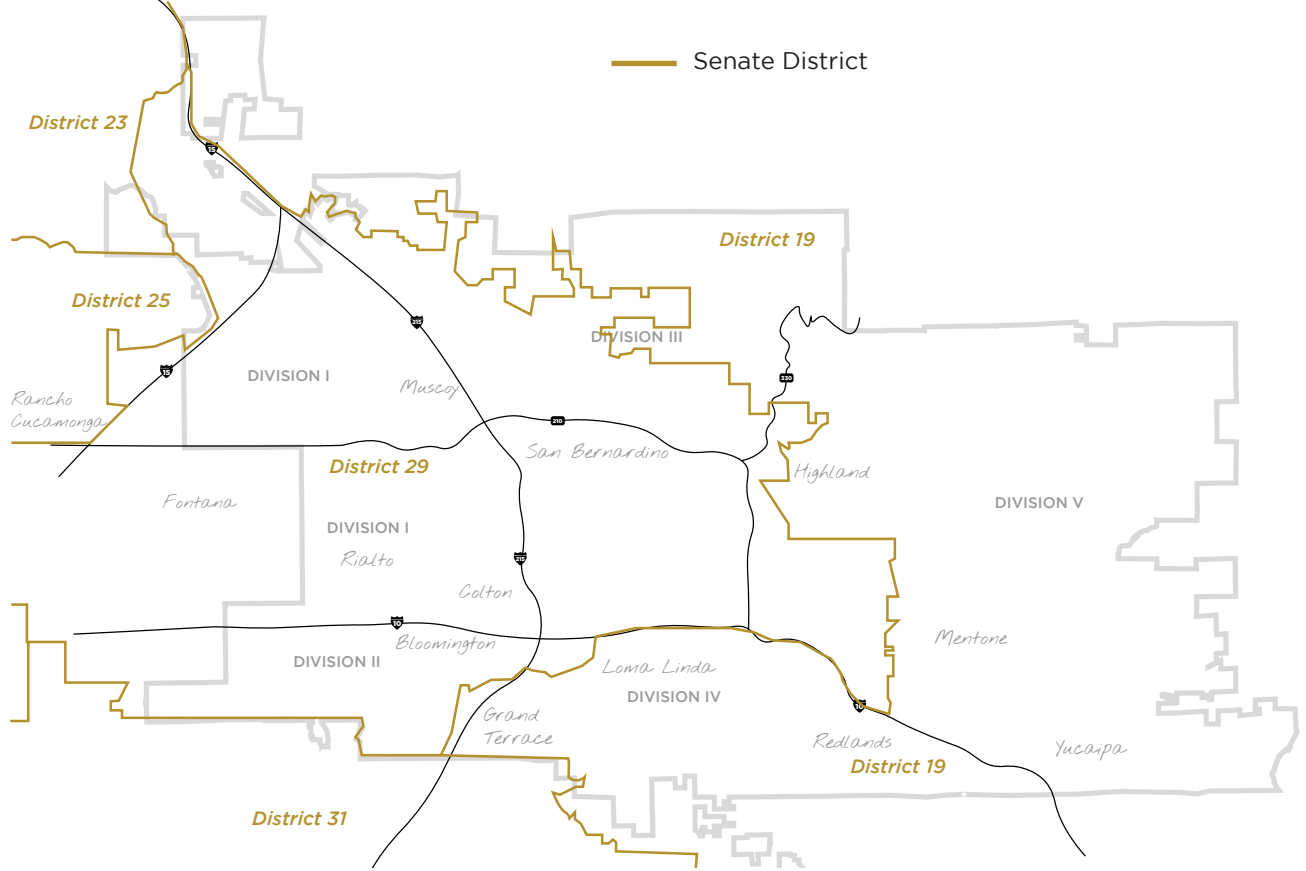
# COUNTY SUPERVISORIAL DISTRICTS



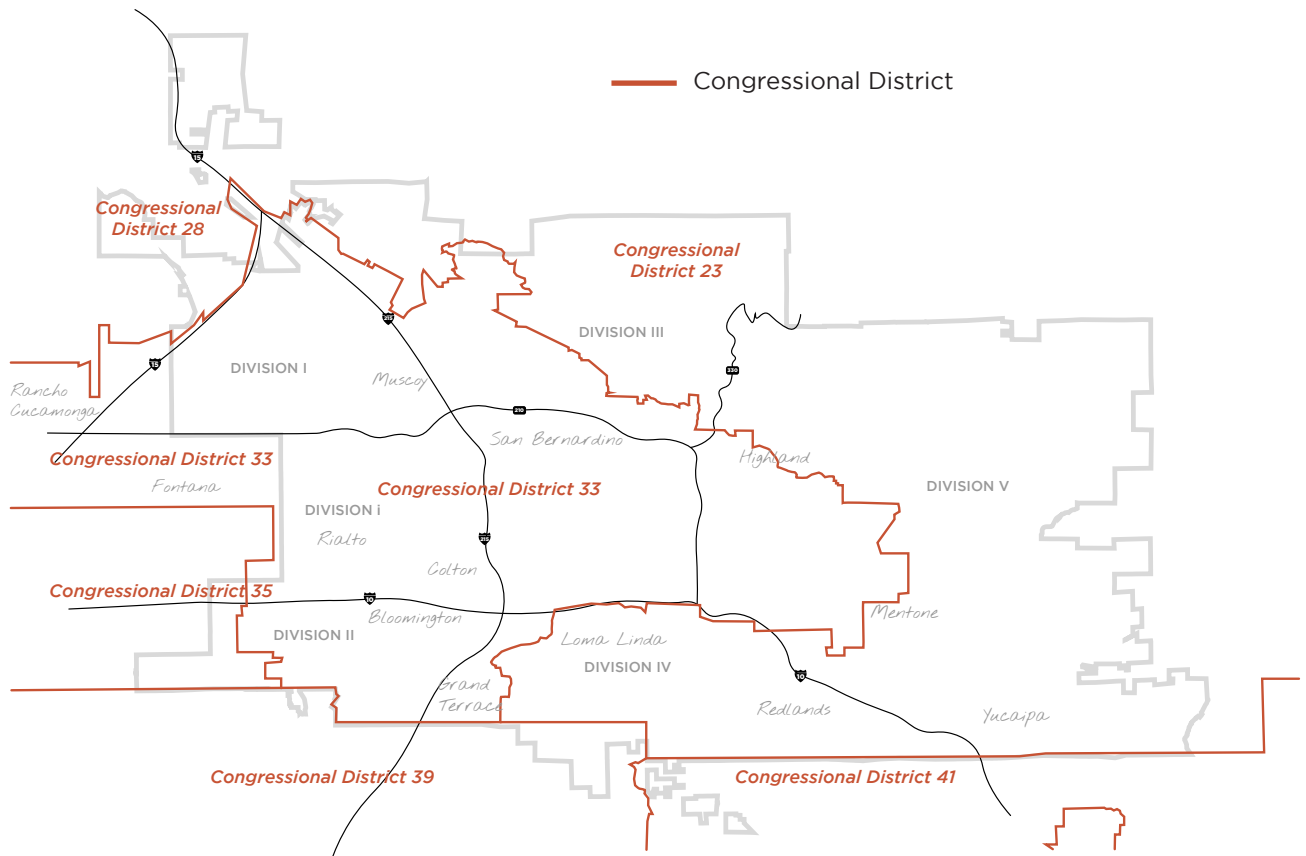
# CALIFORNIA ASSEMBLY



# CALIFORNIA SENATE



# CALIFORNIA U.S. ASSEMBLY





## 2024 LEGISLATIVE PRIORITIES

Given current activities, there are multiple efforts where the Agency anticipates the need for advocacy. These issues may require different degrees of engagement and contribute to bills, rules, and funding availability. Given the wide breadth of topics discussed at the State and Federal level, the following categories are designated priorities within San Bernardino Valley's Goals and Objectives that have anticipated legislative or rule making activities in the legislative session:

### GOAL 1: ACHIEVE CLIMATE RESILIENCE THROUGH PRIORITIZED ADAPTATION AND MITIGATION.

I. Activities that commit to assessing Climate Resilience; and identifying/ funding/ implementing adaptation and mitigation.

- **Potential Legislation/Rules:** Competitive Grant Funding
- **Likely Engagement:** California legislature/ administration; U.S. Environmental Protection Agency; Bureau of Reclamation; U.S./ California Fish and Wildlife

### GOAL 2: PROACTIVELY MANAGE A DIVERSE ADAPTABLE WATER SUPPLY PORTFOLIO TO MAXIMIZE THE VALUE OF THE REGION'S WATER ASSETS.

I. Activities that proactively support an integrated approach to regional water supply planning.

- **Potential Legislation/Rules:** Habitat Conservation Plan
- **Likely Engagement:** U.S. Congress; California Legislature/ Administration

II. Activities that support water resources as an authorized purpose of the Seven Oaks Dam.

- **Potential Legislation/Rules:** Seven Oaks Dam Forecast-Informed Reservoir Operations (FIRO)
- **Likely Engagement:** Army Corps of Engineers, U.S Congress



III. Activities that proactively ensure continued enhancements in reliability of the State Water Project.

- **Potential Legislation/Rules:** Sites Reservoir; California Water for All; Delta Conveyance; Water Rights
- **Likely Engagement:** U.S Congress; California Legislature/ Administration

### GOAL 3: DRIVE SCIENCE-BASED DECISION MAKING AND PROACTIVE RISK MANAGEMENT.

I. Activities that commit to assessing the challenges facing diverse, equitable, and resilient water supply; and identifying/ funding/ implementing solutions.

- **Potential Legislation/Rules:** California Water Commission (Blue Ribbon Commission)
- **Likely Engagement:** California Legislature/ Administration

The following Goals are reflected in the development and maintenance of the Legislative Principles:

### GOAL 4: BUILD TRUST BY BEING A COLLABORATIVE AND RESOURCEFUL PARTNER THROUGH EFFECTIVE COMMUNICATION AND ENGAGEMENT.

### GOAL 5: ATTRACT AND SUPPORT TOP TALENT AND PROMOTE A REWARDING CULTURE OF GROWTH AND OPPORTUNITY.

### GOAL 6: COMMIT TO EFFECTIVE GOVERNANCE THROUGH BOARD LEADERSHIP DEVELOPMENT.





SAN BERNARDINO  
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AGENCY SINCE 1954

**DATE:** February 6, 2024

**TO:** Board of Directors

**FROM:** Wen Huang, Chief Operating Officer/ Assistant General Manager  
Leo Ferrando, Assistant Chief Engineer

**SUBJECT:** Consider Authorizing CEO/General Manager to Execute Contract for the 2024 Cathodic Testing Survey Program of San Bernardino Valley's Pipelines with V&A Consulting

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**Staff Recommendation**

Authorize the CEO/General Manager to execute a contract with V&A Consulting for the 2024 Cathodic Testing Survey Program (CTSP) of San Bernardino Valley's pipelines at an estimated cost of \$74,356.

**Summary**

Staff proposes to continue monitoring the conditions of San Bernardino Valley Municipal Water District's (San Bernardino Valley or Agency) buried pipeline infrastructure in 2024 through the CTSP. With approximately 40 miles of buried pipelines, V&A Consulting, with 13 years of experience serving our Agency, will conduct inspections on key pipelines at an estimated not-to-exceed cost of \$74,356. Partner agencies like San Gorgonio Pass Water Agency, West Valley Water District, the City of Rialto, and Riverside Highland Water Company will share the inspection costs, reimbursing San Bernardino Valley approximately \$23,948 of the total cost, thus reducing our share of the costs to \$50,408.

**Background**

Staff proposes to continue monitoring the conditions of the Agency's buried pipeline infrastructure through the continuation of the Cathodic Testing and Survey Program (CTSP) as part of our annual inspections in 2024. Cathodic testing offers a non-destructive and non-intrusive method for assessing potential corrosion in buried pipelines, comparing the original impedance values of electric current passed through the pipeline during installation to current impedance values.

San Bernardino Valley owns and operates approximately 40 miles of buried pipelines that are scheduled to be inspected and evaluated each year for corrosion. V&A Consulting has been

providing this service for the Agency over the last 13 years and is familiar with the testing protocol. The pipelines included in the scope of work to be tested and inspected for corrosion this year include the Foothill Pipeline, Santa Ana River Crossing (SARC) Pipeline, Greenspot Pipeline, Yucaipa Pipeline, Baseline Feeder, Baseline Feeder Extension South Pipeline and the Central Feeder Pipeline. V&A Consulting has provided the Agency with a quote for the testing services for an estimated cost of \$74,356, which was generally consistent with last year's cost.

### **Strategic Plan Application**

The Cathodic Testing Survey Program demonstrates the Agency's mission, vision, values, and strategies of working collaboratively to provide reliable and sustainable water supply, being innovative and driven, building trust by being a collaborative and resourceful partner, and maximizing the value of the region's water assets just to name a few key applications.

### **Fiscal Impact**

The total cost of \$74,356 for the CTSP is included in the approved Fiscal Year 2023-24 General Fund Budget under Line item 6470, Maintenance and Repair.

### **Attachment**

V&A Consulting Proposal for the 2024 Cathodic Testing Survey Program of San Bernardino Valley's Pipelines

V&A Project No. 23-0449

January 5, 2024

Wen Huang, PE  
Chief Operating Officer/Assistant General Manager  
San Bernardino Valley Municipal Water District  
380 East Vanderbilt Way  
San Bernardino, CA 92408

**Subject:** San Bernardino Valley Municipal Water District (SBVMWD) – 2023-2024 Annual Corrosion Survey Proposal for Corrosion Engineering Services

Dear Wen Huang,

Thank you for requesting a proposal for the San Bernardino Valley Municipal Water District (District) Corrosion Survey and Cathodic Protection (CP) System Evaluation. V&A Consulting Engineers, Inc. (V&A) will perform the corrosion survey and CP evaluation of the District's eleven (11) buried metallic pipelines that are annually monitored; nine (9) of which feature corrosion monitoring systems and two (2) of which feature active CP systems. The pipelines are located in San Bernardino, California and convey potable water to various locations throughout the city.

V&A will also perform an evaluation of the Foothill Pipeline's impressed current deep well anode beds to assess current output capabilities, estimate remaining life of the wells, and evaluate for future additional impressed current rectifiers on the pipeline.

In addition, two optional tasks are included in this proposal. Optional Task 1 is for the investigation and evaluation of the existing system adequacy of the Foothill Pipeline's water conservation segment. Optional Task 2 is to conduct electrical continuity testing on the Baseline Feeder Phases III and IV to determine if the survey measurements recorded at the air release valve and blow off locations are indicative of the pipeline corrosion potentials.

The scope of this proposal is based on our conversations and discussion of the SBVMWD FY2022-2023 Annual CP System Report recommendations. V&A is available to discuss the list of tasks with District staff prior to performing the field survey work.

Per your request, the following is our proposal and detailed scope of work for the subject services:

## Scope of Work

### Task | Description

1. **Project Management:** The objective of this task is to track and execute the project in accordance with the schedule, budget, and quality expectations that are established. This task includes the following project management work activities:
  - a. Monitor project progress, including work completed, work remaining, budget expended, schedule, estimated cost of work remaining, and estimated cost at completion; manage activities within total project budget.
  - b. Monitor project activities for potential changes and anticipate changes whenever possible; with approval, modify project tasks, task budgets, and approach to keep the overall project within budget and on schedule.

- c. Manage the quality of all work activities and project deliverables.
  - d. Submit required prevailing wage documents and DAS forms as required by the State of California Department of Industrial Relations for all work performed in the field.
  - e. No meetings are included in this scope of work.
2. **Background Document Review:** Review historical reports and data, record drawings, and work orders.
  3. **Field Survey:** Measure pipe-to-soil cathodic protection levels and corrosion potentials at pipeline test stations with a calibrated portable digital voltmeter. Inspect the rectifiers, anode cables, and anode junction boxes for worn components. Make minor repairs and adjustments as needed. The following pipelines' corrosion activity or CP System will be evaluated.
    - a. **Foothill Pipeline:**
      - i. Evaluate impressed current rectifier output, system life, and need for additional rectifier.
      - ii. Perform interrupted survey recording instant off polarized pipe-to-soil potentials.
      - iii. Investigated pipeline isolation and continuity at the hydroelectric facility near N Waterman Avenue to evaluate probable causes for the lack of polarization near this facility.
    - b. **Baseline Feeder Pipeline Phase 1 and 2:** Collect pipe-to-soil potentials on the 48-inch cement mortar lined steel pipe with cement mortar coating with welded bond clips at the joints (CML&C).
    - c. **Baseline Feeder West Pipeline Phase 3 and 4:** Collect pipe-to-soil potentials on the 48-inch cement mortar lined pipe with cement mortar coating with welded bond clips at the joints (CML&C).
    - d. **Baseline Feeder South Pipeline:** Collect interrupted polarized pipe-to-soil potentials on the 78-inch cement mortar lined welded steel pipe with a tape wrap and cement mortar coating (CML&C TW WSP).
    - e. **Central Feeder Pipeline:** Collect pipe-to-soil potentials on the 78-inch CML&C WSP.
    - f. **Greenspot Pipeline, Phase I Segment 3:** Collect pipe-to-soil potentials on the 48-inch pretensioned concrete cylinder steel pipe (PCCP).
    - g. **Greenspot Pipeline, Phase II Segment 1 & 2:** Collect pipe-to-soil potentials on the 48-inch cement mortar coated steel pipe.
    - h. **Santa Ana River Crossing S.A.R.C. Pipeline:** Collect pipe-to-soil potentials on the 42-inch cement mortar coated steel pipe.
    - i. **Morton Canyon Connector Pipeline** – Collect pipe-to-soil potentials on the 42-inch concrete mortar coated steel pipe.
    - j. **Yucaipa Pipeline** – Collect pipe-to-soil potentials on the 48-inch PCCP pipeline.
    - k. **Lytle Creek Pipeline** – Collect pipe-to-soil potentials on the 4-inch cement mortar coated steel pipe (bonding unknown).
  4. **Data Analysis & Report Preparation:** V&A will prepare a draft technical memorandum submittal for one round of comments from District staff (assumed 3-week turnaround). The technical memorandum will present the results of the field testing, identify, and prioritize necessary repairs, and provide recommendations. Comments received from District staff will then be incorporated into a final report submittal. The submittals will be provided in electronic PDF format.

5. **Optional Task 1: Foothill Pipeline - Investigate and Evaluate Existing System Adequacy**
  - a. Investigate if the water conservation recharge segment of the foothill pipeline can be connected into and protected by the existing Impressed Current Cathodic Protection (ICCP) system.
  - b. Evaluate if the water conservation recharge pipeline segments existing Galvanic Cathodic Protection (GACP) system is sufficient or if a new design is needed.
  - c. Include data and recommendations in the report.
6. **Optional Task 2: Baseline Feeder Phases III & IV - Electrical Continuity Testing**
  - a. Perform electrical continuity testing of the pipeline to evaluate if the survey measurements recorded at the air release valve (ARV) and blow off (BO) locations are indicative of the pipeline corrosion potentials.
  - b. Include data and recommendations in the report.

### Prevailing Wage Assumption

V&A understands some or all tasks associated with this project are subject to prevailing wage rate requirements. All project labor subject to prevailing wage requirements will incur a 30% markup on the associated labor fee. This markup covers the higher base hourly labor rates associated with prevailing wage rates, additional premium pay requirements, and reporting requirements.

### Exclusions and Limitations

The following items, unless otherwise indicated, are not included in the scope of work:

- Traffic Control Plans and Permits
- Traffic Control Measures, including but not limited to sign boards, cones, and flaggers
- Project Specific Health and Safety Plan
- Encroachment Permits
- Permitting
- Notification
- Bonds
- Shutdown, Dewatering, and Cleaning of Structures
- Excavations
- Structure Access, including but not limited to ladders, scaffolding, and cranes
- Supplied Air
- Vendor Portal Registration
- Payment Portal Invoice Submission



## Fee Proposal

V&A proposes to complete this work on a time and materials basis at a total cost not to exceed **\$63,118** with terms of net 30 days (contingent payment terms dependent on timely processing of V&A's submitted invoice). Optional Task 1 is included to investigate and evaluate the Foothill Pipeline's existing system adequacy at a cost not to exceed **\$6,744**. Optional Task 2 is included to perform electrical continuity testing on the Baseline Feeder Phases III and IV at a cost not to exceed **\$4,494**. This fee is valid for 90 days from the date of this proposal. The scope of work was developed as a result of our discussions and represents our mutual understanding.

Estimated costs for the above project scope are itemized in the attached Resource Allocation Estimate. These costs represent our best estimate at this time and may change subject to future developments during the project. It is possible that some of the estimated manpower requirements for specific task items may increase while others may not require the entire anticipated effort. This provides us with a greater degree of confidence in the overall project estimate, rather than in any given particular task.

### Summary of Cost per Task

Task	Amount
1 Project Management	\$6,330
2 Background Document Review	\$1,814
3a Foothill Pipeline	\$17,021
3b Baseline Feeder Phase 1 & 2	\$1,899
3c Baseline Feeder Phase 3 & 4	\$1,879
3d Baseline Feeder South	\$3,371
3e Central Feeder	\$3,391
3f Greenspot Pipeline Phase I Segment 3	\$2,680
3g Greenspot Pipeline Phase II Segment 1 & 2	\$1,879
3h S.A.R.C. Pipeline	\$1,899
3i Morton Canyon Connector Pipeline	\$1,498
3j Yucaipa Pipeline	\$2,299
3k Lytle Creek Pipeline	\$1,899
4 Data Analysis and Report Preparation	\$15,259
Optional Task 1: Foothill Pipeline - Investigate and Evaluate Existing System Adequacy	\$6,405
Optional Task 2: Baseline Feeder Phases III & IV - Electrical Continuity Testing	\$4,282
<b>Total (Without Optional Tasks):</b>	<b>\$63,118</b>
<b>Total (With Optional Tasks):</b>	<b>\$74,356</b>

If unforeseen circumstances should arise which indicate that more time is required, V&A will provide a written estimate of additional required time and cost. V&A will not proceed with work beyond the not-to-exceed figure without written authorization from your office. Charges to this project will be made for actual time spent on the project and will be charged as per the attached Resource Allocation Estimate. We request that you carefully review this proposal to ensure a full understanding of the scope of the work. Our Fee Schedule is adjusted annually in January. Fees will be adjusted at that time and a



new Fee Schedule will be sent. Charges on the remainder of the project will be based on the new schedule.

We are prepared to begin work on your project upon receiving written approval, a notice to proceed (NTP), or a purchase order from your office.

On behalf of our staff and myself, I would like to thank you for the opportunity to be of service to you and San Bernardino Valley Municipal Water District. We look forward to working with you.

Sincerely,  
**V&A Consulting Engineers, Inc.**



Brian Briones, P.E.  
Southwest Regional Manager

Accepted: \_\_\_\_\_  
San Bernardino Valley Municipal Water District

Date: \_\_\_\_\_



### Resource Allocation Estimate

JOB NO: 23-0449

12/18/2023

CLIENT: San Bernardino Municipal Water District

PROJECT NAME: 2023-2024 Annual CP Survey

Task	Description	Principal-In-Charge	Senior Project Manager	Associate Engineer	Engineering Associate	Project Admin/Clerical	Total Labor Hours	Subtotal Labor Cost	Subtotal ODC	Total Labor Cost and ODC by Task
1	Project Management	1	15			16	32	\$ 6,330.00		\$ 6,330.00
2	Background Document Review		2		8		10	\$ 1,814.00		\$ 1,814.00
3	Foothill Pipeline		2		74		76	\$ 11,978.00	\$ 5,043.20	\$ 17,021.20
4	Baseline Feeder Phase 1 & 2				8		8	\$ 1,232.00	\$ 666.65	\$ 1,898.65
5	Baseline Feeder Phase 3 & 4				8		8	\$ 1,232.00	\$ 647.00	\$ 1,879.00
6	Baseline Feeder South		1		14		15	\$ 2,447.00	\$ 924.20	\$ 3,371.20
7	Central Feeder		1		14		15	\$ 2,447.00	\$ 943.85	\$ 3,390.85
8	Greenspot Pipeline Phase I Segment 3				12		12	\$ 1,848.00	\$ 831.80	\$ 2,679.80
9	Greenspot Pipeline Phase II Segment 1 & 2				8		8	\$ 1,232.00	\$ 647.00	\$ 1,879.00
10	S.A.R.C. Pipeline				8		8	\$ 1,232.00	\$ 666.65	\$ 1,898.65
11	Morton Canyon Connector Pipeline				6		6	\$ 924.00	\$ 574.25	\$ 1,498.25
12	Yucaipa Pipeline				10		10	\$ 1,540.00	\$ 759.05	\$ 2,299.05
13	Lytle Creek Pipeline				8		8	\$ 1,232.00	\$ 666.65	\$ 1,898.65
14	Data Analysis and Report Preparation	1	6	10	72	1	90	\$ 15,259.00		\$ 15,259.00
Subtotal Direct Labor Hours		2	27	10	250	17	306			
Hourly		\$ 333.00	\$ 291.00	\$ 199.00	\$ 154.00	\$ 102.00				
Subtotal Direct Labor Cost		\$ 666.00	\$ 7,857.00	\$ 1,990.00	\$ 38,500.00	\$ 1,734.00		\$ 50,747.00	\$ 12,370.30	\$ 63,117.30
Other Direct Costs		Unit Cost	Units	No. of Units				Subtotal ODC		
	Truck	\$ 100.00	per day	16				\$ 1,600.00		
	Mileage	\$ 0.66	per mile	2180				\$ 1,427.90		
	Recording Voltmeter (FLUKE 2635A)	\$ 75.00	per day	16				\$ 1,200.00		
	CP Survey Equipment	\$ 20.00	per day	16				\$ 320.00		
	Per Diem for First/Last Day	\$ 50.00	per day	16				\$ 800.00		
	Prevailing Wage Markup (30% of Travel/Onsite Labor)	30%	30% of Travel/Onsite Labor	23408				\$ 7,022.40		
Subtotal Other Direct Costs								\$ 12,370.30		
<b>GRAND TOTAL ESTIMATED COST</b>								<b>\$ 63,117.30</b>		

## Resource Allocation Estimate

JOB NO: 23-0449

12/18/2023

CLIENT: San Bernardino Municipal Water District

PROJECT NAME: 2023-2024 Annual CP Survey

Task	Description	Principal-in-Charge	Senior Project Manager	Associate Engineer	Engineering Associate	Total Labor Hours	Subtotal Labor Cost	Subtotal ODC	Total Labor Cost and ODC by Task
1	Optional Task 1: Foothill Pipeline - Investigate and Evaluate Existing System Adequacy		2		30	32	\$ 5,202.00	\$ 1,542.05	\$ 6,744.05
2	Optional Task 2: Baseline Feeder Phases III & IV - Electrical Continuity Testing		2		20	22	\$ 3,662.00	\$ 831.80	\$ 4,493.80
Subtotal Direct Labor Hours		0	4	0	50	54			
Hourly		\$ 333.00	\$ 291.00	\$ 199.00	\$ 154.00				
Subtotal Direct Labor Cost		\$ -	\$ 1,164.00	\$ -	\$ 7,700.00		\$ 8,864.00	\$ 2,373.85	\$ 11,237.85
Other Direct Costs		Unit Cost	Units	No. of Units				Subtotal ODC	
Truck		\$ 100.00	per day	3				\$ 300.00	
Mileage		\$ 0.66	per mile	390				\$ 255.45	
Recording Voltmeter (FLUKE 2635A)		\$ 75.00	per day	2				\$ 150.00	
CP Survey Equipment		\$ 20.00	per day	2				\$ 40.00	
Prevailing Wage Markup (30% of Travel/Onsite Labor)		\$ 0.30	30% of Travel/Onsite Labor	4928				\$ 1,478.40	
Per Diem for First/Last Day		\$ 50.00	per day	3				\$ 150.00	
Subtotal Other Direct Costs								\$ 2,373.85	
<b>GRAND TOTAL ESTIMATED COST</b>								<b>\$ 11,237.85</b>	

**DATE:** February 6, 2024  
**TO:** Board of Directors  
**FROM:** Bob Tincher, Chief of State Water Initiatives/Deputy General Manager  
**SUBJECT:** State Water Project Report

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### **Staff Recommendation**

Receive and file

### **Summary**

This report provides an update on the State Water Project and related topics.

### **Background**

#### 1. State Water Project

- a. The Department of Water Resources released a report on the importance of the State Water Project to California's economy. A blog post titled "State Water Project Drives California's Economy" and summary brochure titled "The Economy of the State Water Project" are attached for your information.
- b. The State Water Contractors prepared a brief report titled "Water Year 2023 Operations: A Review of Operational Decisions" which documents the adaptive management by California Department of Fish and Wildlife, Department of Water Resources and the Bureau of Reclamation which resulted in a slight modification of a water quality requirement in the Delta that saved about 500,000 AF of water supply without causing any adverse environmental impacts. This is a good example of the adaptive management proposed through the Healthy Rivers and Landscapes (formerly Voluntary Agreements) concept that is currently before the State Water Resources Control Board for consideration.
- c. The Court of Appeal rejected CEQA and Other Challenges to the Department of Water Resources EIR for the contract Amendments that extend the long-term State Water Project Supply Contracts through 2085.

#### 2. Delta Conveyance

- a. The Delta Conveyance Design and Construction Authority had a productive year in

2023. Here is a summary of the work completed in 2023:

- i. Developed the “Closer Look” series and [new fact sheets](#) to provide information to the public.
- ii. Tens of thousands of new views and over 500 new followers on Facebook. More than 120 informational videos available through our YouTube Channel.
- iii. Final Environmental Impact Report, December 21, 2023.**
- iv. Completed nearly 60 deep soil investigations to better understand the Delta's subsurface conditions. No recordable injuries.
- v. Partnering meeting with the Public Water Agencies (PWAs) investing in the Delta Conveyance Project to discuss options for the next phase of the project.
- vi. Multiple lawsuits have been filed against the project. DWR issued this statement in response:

*CEQA lawsuits are not unexpected or unusual. DWR has been aware that several parties intended to pursue a CEQA legal challenge to stop the project before the EIR was even complete and regardless of whether the EIR complied with CEQA requirements. The Delta Conveyance Project EIR is thorough, responds to all substantive public comments, and most importantly it meets and, in many cases, exceeds CEQA requirements. DWR will review the lawsuits and respond accordingly, and will proceed as planned with permitting, and continued planning and design for the Delta Conveyance Project. This project is vital to modernizing the State Water Project and protecting water reliability for 27 million Californians.*

- b. A joint Board workshop with the San Geronio Pass Water Agency has been scheduled for February 13, 2024 to discuss the options for the next phase of the project.
  - c. An excerpt from the Delta Conveyance Design & Construction Authority January 2024 Monthly Report is attached for your information.
3. Sites Reservoir
- a. If Sites Reservoir (Sites) was in place, it is estimated that it would have captured 100,000 acre-feet in December of last year and another 200,000 acre-feet at the

beginning of this year. Even during dry periods, like the one we are experiencing, there are independent, atmospheric river events that provide water for capture.

- b. The latest status report and planning and permitting schedule for the project is attached for your information.
4. State Water Contractors
    - a. In December, the Northern California Water Association (NCWA) and the State Water Contractors co-hosted a Floodplain Symposium in Sacramento that reported the latest science on the habitat benefits of floodplains for fish, birds and other species and the collaborative efforts underway to reactivate floodplains in the Sacramento Valley and to solicit landowner input during the development of floodplain projects. The fish in the floodplain are nicknamed “floodplain fatty” by biologists because they grow much larger than in the river only.

### **District Strategic Plan Application**

Supplemental water from the State Water Project helps San Bernardino Valley achieve its mission to work collaboratively to provide a reliable and sustainable water supply to support the changing needs of our region’s people and environment.

### **Fiscal Impact**

None

### **Attachments**

1. State Water Project Drives California's Economy
2. The Economy of the State Water Project
3. Water Year 2023 Operations: A Review of Operational Decisions
4. Work Performed During December 2023 from Delta Conveyance Design & Construction Authority January 2024 Monthly Report
5. Sites Reservoir Project Monthly Status Report for January 2024



# State Water Project Drives California's Economy

Published: December 18, 2023

***If the State Water Project's service area was its own nation, it would rank as the eighth largest economy in the world.***

The California State Water Project is the backbone of California water infrastructure – delivering water supply, protecting against floods, generating clean hydropower, providing recreational opportunities and environmental benefits, and driving California's economy.

For the last 60 years the State Water Project has supported a service area with an economy worth \$2.3 trillion. According to a study published in December 2023 by the California Department of Water Resources and the Berkeley Research Group – a global economic consulting firm – the State Water Project's service area would be the eighth largest economy in the world if it were its own nation.

“The State Water Project provides a critical water supply to a majority of California’s households and supports an economy between the size of France and Italy,” said Professor David Sunding, lead author of the report. “Maintaining the reliability of the State Water Project is critical to California’s wellbeing as the Project's water is inexpensive relative to the cost of developing alternative supplies.”

The State Water Project’s sustainable water supply will become even more critical to the state’s economy in the face of climate change impacts. According to [California’s Water Supply Strategy: Adapting to a Hotter, Drier Future](#), California could potentially lose up to 10 percent of its overall water supply by 2040.

“The State Water Project’s clean, reliable, and affordable water supply will be vital to adapting our economy to the impacts of climate change,” said Department of Water Resources Director Karla Nemeth. “California’s disadvantaged communities are particularly vulnerable and State Water Project water will be essential to preserve human health and safety.”

## **State Water Project economic benefits**

The State Water Project supplies water to 27 million people and 750,000 acres of irrigated farmland. This water supply supports an economy that provides 8.7 million full-time jobs, contains 800,000 businesses, and employs 160,000 farmworkers. The agricultural land irrigated by the State Water Project water produces \$19 billion in crops and agricultural products every year.

The Berkeley Research Group’s study also found that the State Water Project is one of the most affordable and cost-effective sources of water in California. Compared to alternative water sources, including desalination, water recycling, stormwater capture, and water conservation, State Water Project water is significantly cheaper and can be provided at a higher scale.

California’s disadvantaged communities are especially reliant on this affordable water. There are 8.2 million people in disadvantaged communities that receive some of their water from the State Water Project. That’s about 75 percent of California’s residents that live in a disadvantaged community. One-in-three people who receive water from the State Water Project are residents of a disadvantaged community.

To learn more about how the State Water Project helps drive California’s economy, [read the report](#) written by the Berkeley Research Group in collaboration with DWR.

A brochure summarizing the report’s findings is [available here](#).





# THE ECONOMY OF THE STATE WATER PROJECT

*Clean, Reliable, and Affordable  
Water for California*





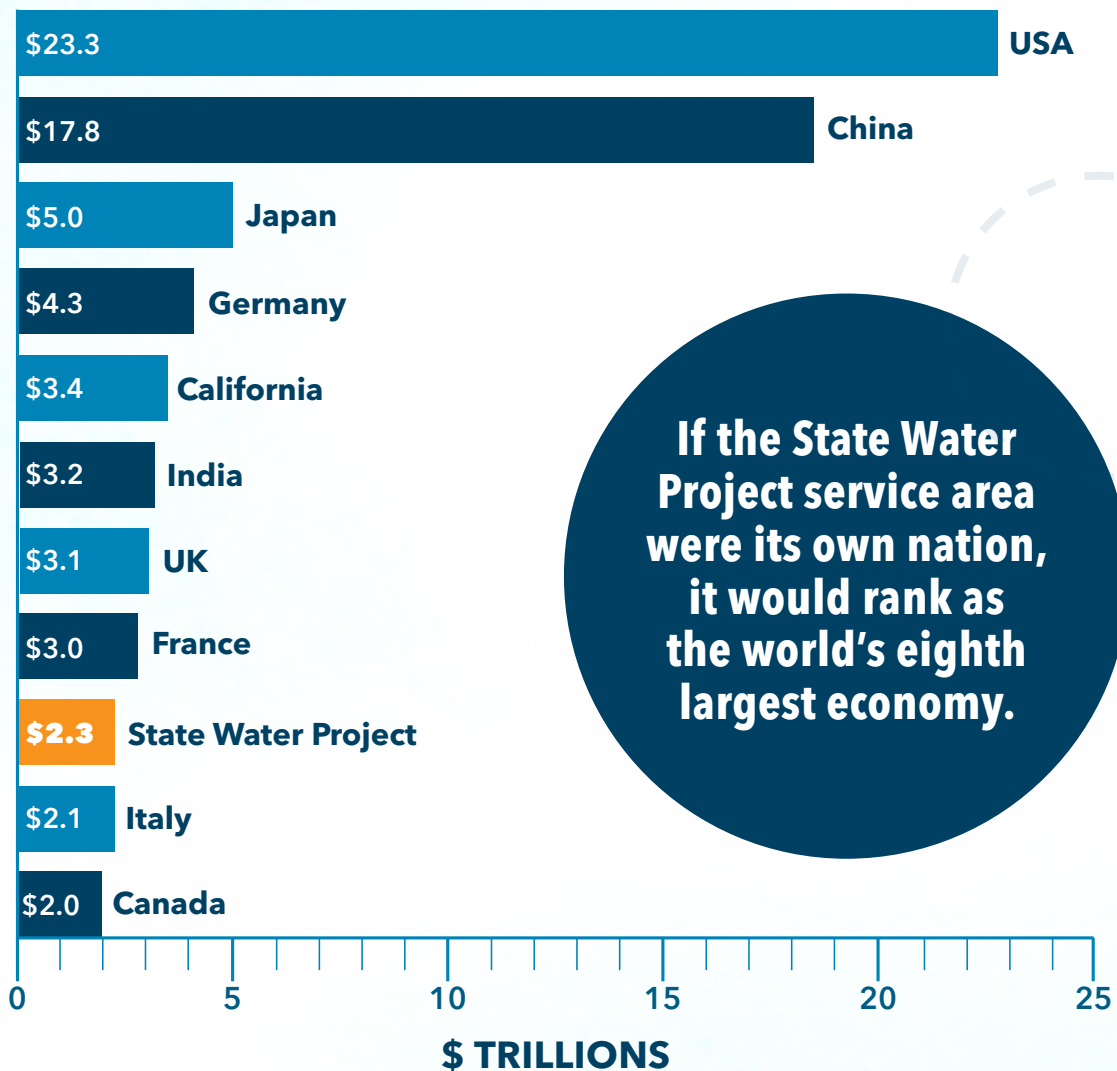
## The California State Water Project

is part of the backbone of California's water infrastructure – a multibenefit project that provides water supply, protects against floods, generates clean hydropower, offers recreational opportunities, provides environmental benefits, and drives California's economy - the fifth largest in the world.

The State Water Project is among the world's largest water management projects, featuring a 705-mile-long network of canals, dams, reservoirs, hydropower plants, and pumping plants that interconnect to supply water to over 27 million residents and irrigate 750,000 acres of farmland.

For the last 60 years the State Water Project's clean, reliable, and affordable water has fueled the growth of California's economy and population. The State Water Project's sustainable supply of water will become even more critical to the state's economy in the face of climate change impacts – according to [California's Water Supply Strategy: Adapting to a Hotter, Drier Future](#), California faces a potential loss of 10% of its water supply by 2040.





**If the State Water Project service area were its own nation, it would rank as the world's eighth largest economy.**

**Economy ranking bar chart**

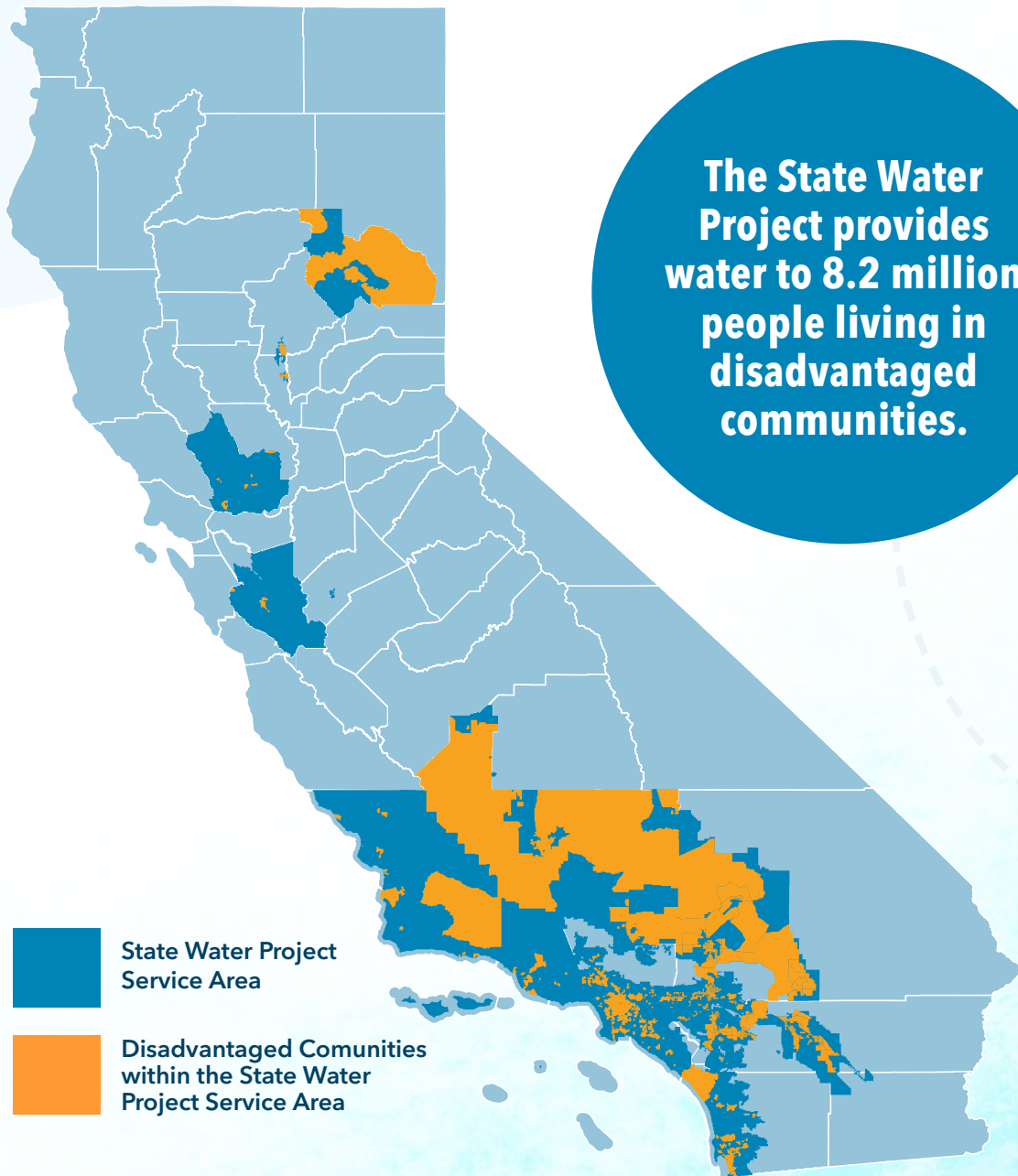
- The service area of the State Water Project is home to over 27 million individuals, over two-thirds of the state's population, and supports an economy with a Gross Domestic Product (GDP) surpassing \$2.3 trillion. Its service area is the largest economy supported by a major water conveyance system anywhere in the United States, and the second largest anywhere in the world. Based on GDP, the State Water Project service area would be the world's eighth largest economy if it were its own nation. This economy supports the full-time employment of over 8.7 million individuals with jobs that pay 20% higher than the national average.
- The regions served by the State Water Project have experienced significant economic and population growth since the project was approved by voters in 1960. Since that time, the population in Southern California has more than doubled, nearly tripled in the Central Coast, South Bay, and North Bay, and more than tripled in the San Joaquin Valley. Property in the State Water Project service area is valued at a total of over \$4.26 trillion.



**The State Water Project supports an economy that provides 8.7 million full-time jobs.**



- The State Water Project supports an economy that provides 8.7 million full-time jobs, contains 800,000 businesses, and employs 160,000 farmworkers.
- Median household income has grown in all regions served by the State Water Project since 1960. Household income increased by 25% in rural regions where most State Water Project water goes to agricultural production, including in the Feather River and San Joaquin Valley regions. The State Water Project service area employs around 160,000 farm workers mainly in these regions.
- The regions where the State Water Project provides water for mainly urban use, including the North Bay and Southern California, saw median household income increases exceeding 50 percent. The Central Coast more than doubled its household income. The South Bay saw the largest growth in median household income at over 150 percent.



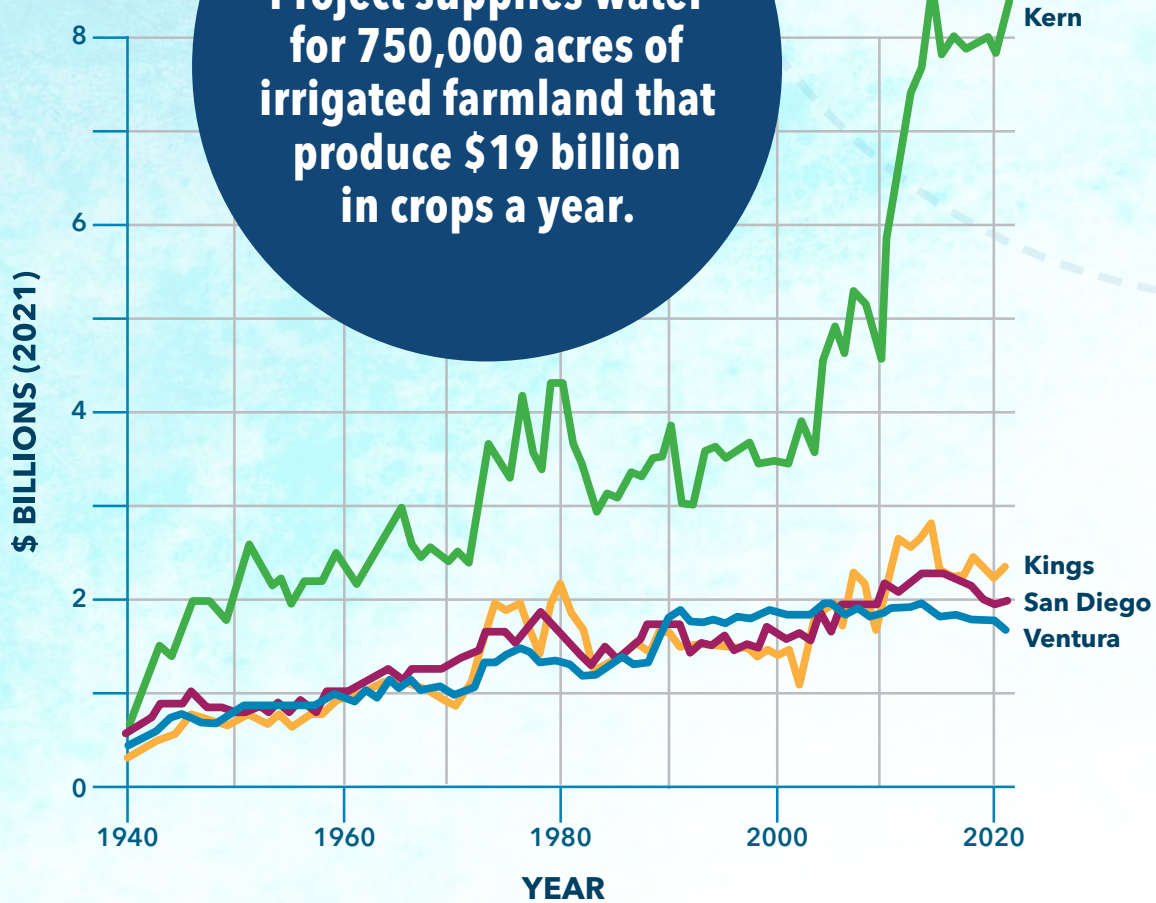
### Map shows disadvantaged communities within State Water Project Service Area

- Water is a fundamental resource, and access to it is essential for various aspects of life, including health, sanitation, and economic opportunities. California law recognizes the human right to water, ensuring safe, clean, affordable, and accessible water for all Californians. Many communities still encounter challenges in securing a safe water supply due to social, economic, health, and environmental factors.
- The State Water Project deliveries play a crucial role in upholding access to water for disadvantaged individuals and communities. The State Water Project provides water to almost three-quarters of California's population living in disadvantaged communities. Almost one-third of the individuals living in the State Water Project's service area are residents of a disadvantaged community.

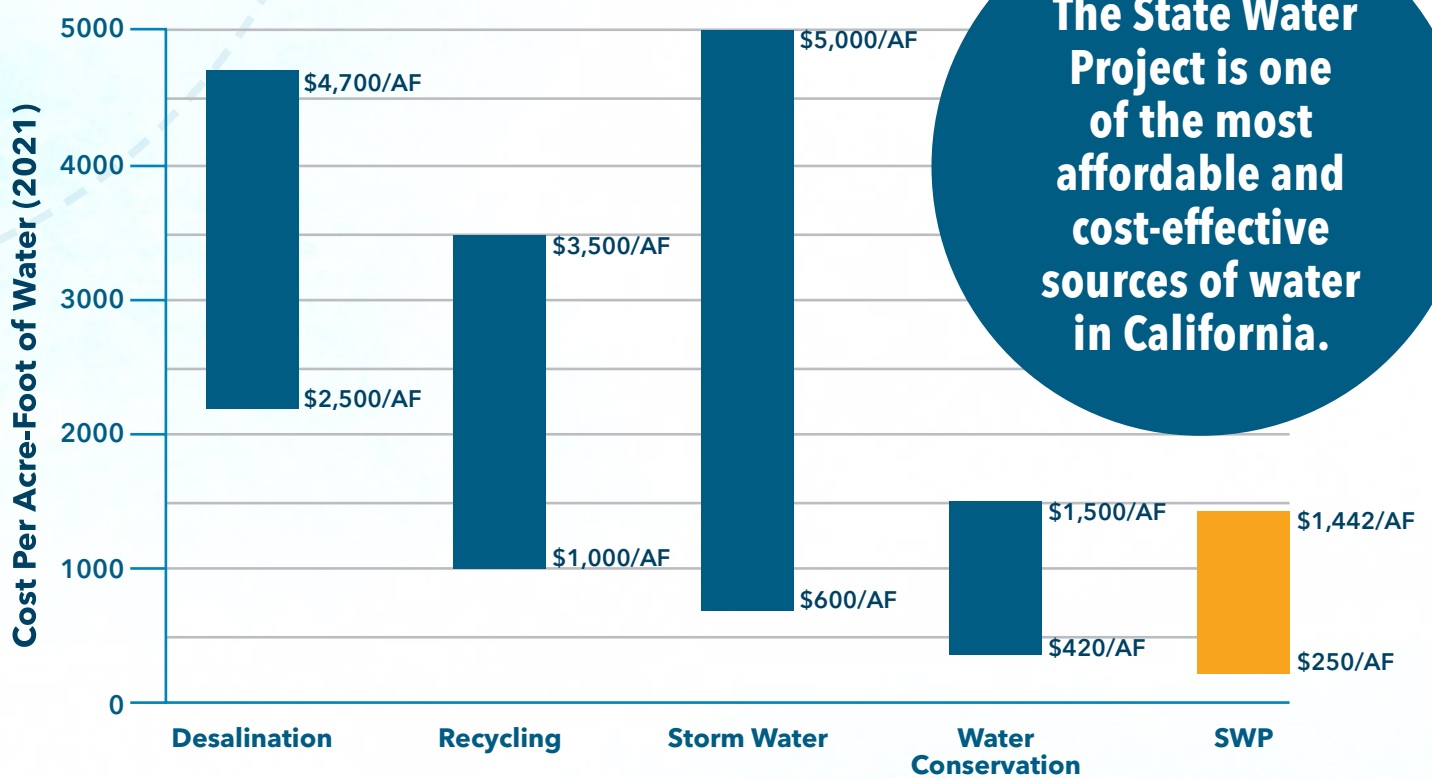


**The State Water Project supplies water for 750,000 acres of irrigated farmland that produce \$19 billion in crops a year.**

**Agricultural Production Growth in State Water Project Service Area since 1940**



- The State Water Project plays a pivotal role in sustaining California’s agricultural economy, and the sector’s reliance on State Water Project water is a key driver of economic activity, job creation, and income generation across the state.
- **The total value of agricultural production in regions served by the State Water Project exceeds \$19 billion a year.** Kern, Kings, San Diego, and Ventura receive 93 percent of all agricultural State Water Project deliveries. The value of agricultural production in regions served by the State Water Project has almost doubled since then in Kings, San Diego, and Ventura counties, and has more than tripled in Kern County.
- The State Water Project provides water for a diverse variety of crops and agricultural enterprises, including table grapes, oranges, tangerines, pistachios, almonds, cotton, dairies and cattle ranches in the San Joaquin Valley. In coastal areas such as San Diego and Ventura Counties, the State Water Project supplies water for crops including raspberries, avocados, nursery crops, and vegetables.



### The Cost of Alternatives to the State Water Project

- The State Water Project stands out as one of the most affordable sources of water in California and is more cost-effective compared to alternative sources. The project’s commitment to cost-effectiveness has significant implications for the accessibility and affordability of water across the state. The average cost of delivering State Water Project water ranges between \$250 per acre-foot in the San Joaquin Valley, to \$600 per acre-foot in Southern California and as high as \$1,440 per acre-foot on the Central Coast.
- Compared to alternatives like water recycling programs (\$2,200 per acre-foot median cost) and seawater desalination facilities (\$2,800 per acre-foot median cost), the State Water Project is a more economically efficient option. All sources of water remain essential for adapting to a hotter, drier future as outlined in the California Water Supply Strategy.
- While some common water conservation programs – such as installing high efficiency toilets and washers – may have lower costs compared to State Water Project water, their lack of scalability prevents them from replacing a substantial volume of State Water Project water deliveries.





Photos - cover: State Water Project water flows through the Sacramento River towards the Delta; inside cover: Lake Oroville is the largest State Water Project reservoir. above: Lake Perris in Riverside County is the southernmost State Water Project reservoir.

Research conducted by the Berkeley Research Group, a global consulting firm working collaboratively with the California Department of Water Resources.

12/23



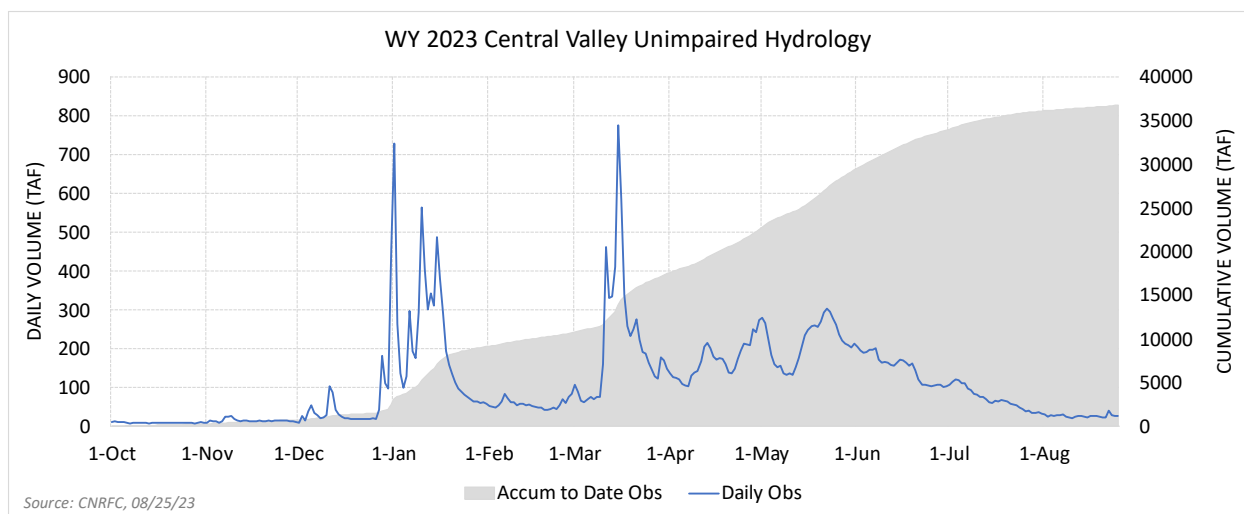
# Water Year 2023 Operations: A Review of Operational Decisions

## Background

DWR and Reclamation have worked to actively manage the SWP and CVP to ensure the availability of an adequate water supply while also ensuring protection of critical species and the environment in Water Year (WY) 2023. Following the driest three-year period on record, California experienced an extremely wet January that provided much-needed rain and snowfall and ended drought conditions for much of the state. Regions that rely on the water from the Sacramento–San Joaquin Delta (Delta) and Central Valley as well as the Colorado River system face increasingly severe water shortage conditions. Additionally, groundwater basins that serve communities in the Central Valley have not recovered from back-to-back years of drought and chronic overdraft.

## WY 2023 Hydrology

WY 2023 ended with significant annual precipitation totals with record breaking snow levels. However, the recent trends of increasingly volatile hydrology with stretches of dry periods interspersed with intense precipitation continued. After three consecutive years of drought the WY started with zero precipitation in October and below average hydrologic conditions continued through November 2022. Following significantly wetter-than-average conditions in December and January, February ended up below average. Early forecasts in February indicated drier-than-average conditions for the remainder of California’s wet season. However, an onslaught of atmospheric rivers starting from the end of February through April allowed significantly wetter-than-average hydrology total for the WY.



## WY 2023 SWP and CVP Operations

The winter and spring months are typically when the SWP and CVP reservoirs are refilled. WY 2023 started with record low storage levels in the reservoirs across the state. While there was some recovery in storage levels during November through January, there was a significant uncertainty in how much supply could be saved given the drier hydrology forecasts in early February. SWP and CVP operations’ decisions were very conservative to save as much runoff in the storage as possible, until February. Compliance with existing Delta standard criteria (X2) for SWP and CVP operations due to the January atmospheric rivers would have meant releasing a significant amount of stored water, if the drier

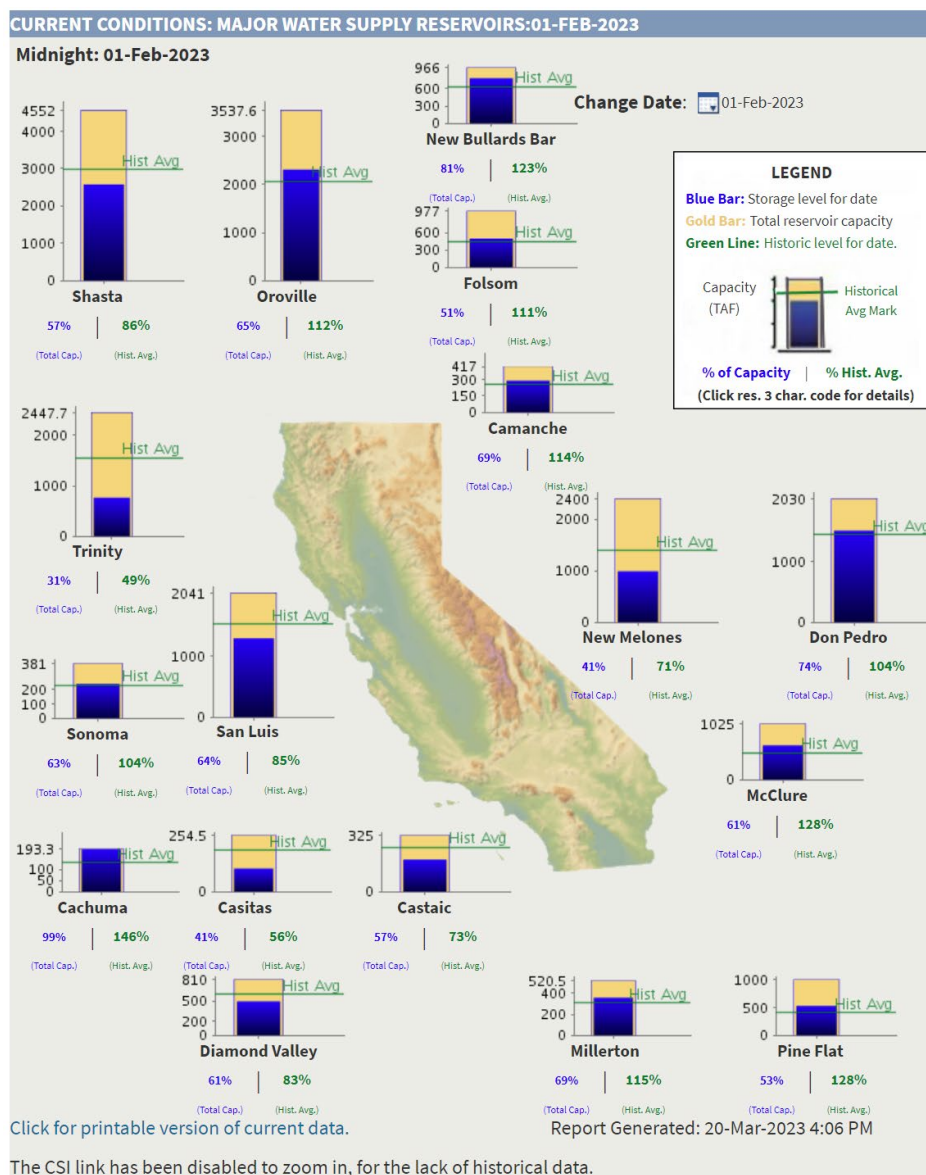


conditions from early February persisted. SWP and CVP took quick actions to minimize this potential risk, which could have significantly reduced the gains in the storage through January, thereby substantially hampering drought recovery efforts. The allocations to the SWP contractors were kept relatively low in February while SWP and CVP sought a temporary relaxation of a significantly challenging X2 Delta regulatory requirement. Increased precipitation starting from the end of February and persisting through March avoided the need to relax this regulatory requirement for an extended period and allowed DWR to increase the SWP contractor allocations to 100% in April for the first time since 2007.

While WY 2023 ultimately ended up classified as a Wet year type, the real-time information that led to SWP and CVP pursuing a Temporary Urgency Change Petition (TUCP) is described further below.

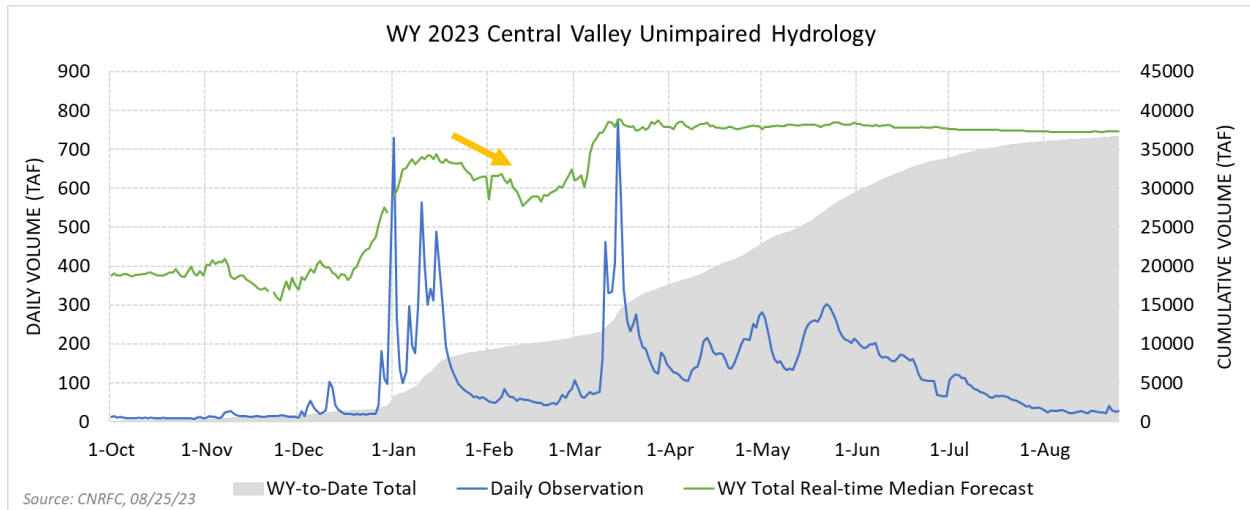
### Storage conditions on February 1, 2023

Even though over ten atmospheric rivers landed in California between last Christmas and mid-January, the storage levels as of February 1<sup>st</sup> were mostly below average in the reservoirs across the state.

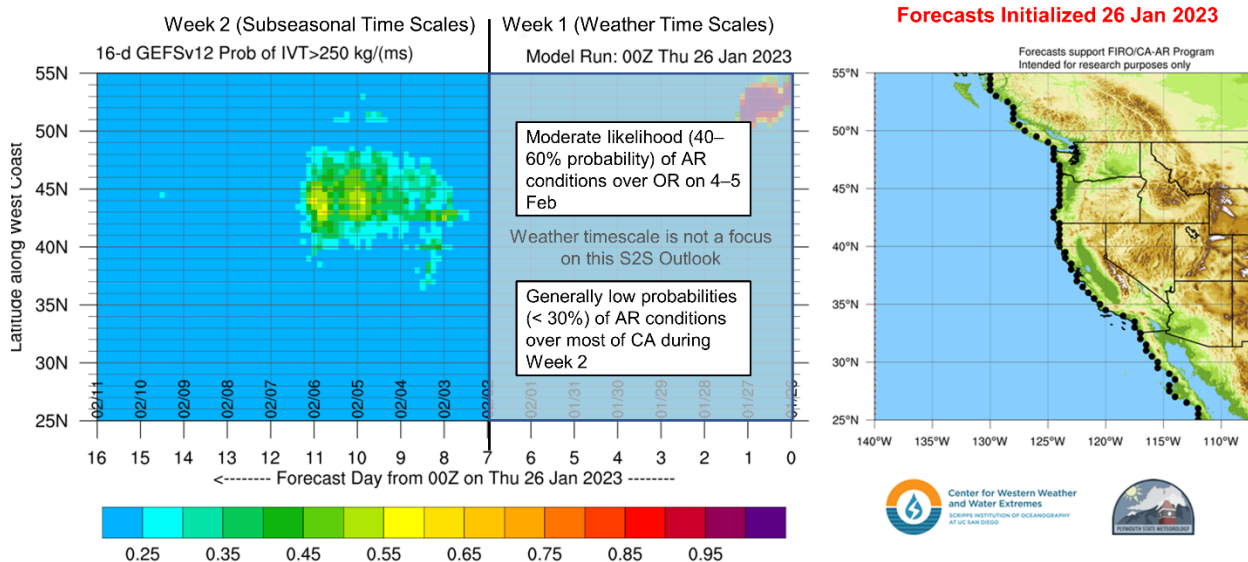


## February and March Forecasts

The forecast of hydrology for WY 2023 turned drier starting mid-January through mid-February showing a drop in median Central Valley (or Sacramento Valley?) WY total water supply by over 5 million acre-feet. Late-January forecasts of Atmospheric Rivers (AR) indicated a low probability of AR conditions over California for January 26 through February 10. The February 15 3-week AR outlook showed potential for storms, but mostly north of California in late February, and the 3-week outlook was uncertain. Additionally, NOAA's 3-month forecast was equal chances to be wet or dry. The Sierra Nevada snow water content was high, but leveling out.

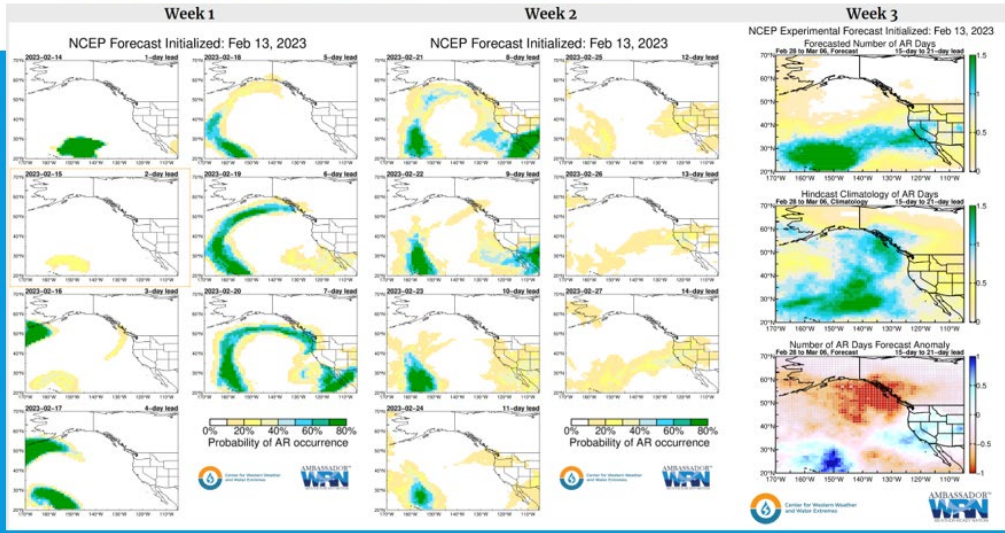


## NCEP GEFS AR Landfall Tool: Valid 00Z 26 Jan – 00Z 11 Feb



- NCEP is forecasting low likelihood of AR conditions over California in Week 2, with strong MJO activity over the Indian Ocean and Maritime Continent during Weeks 1–2

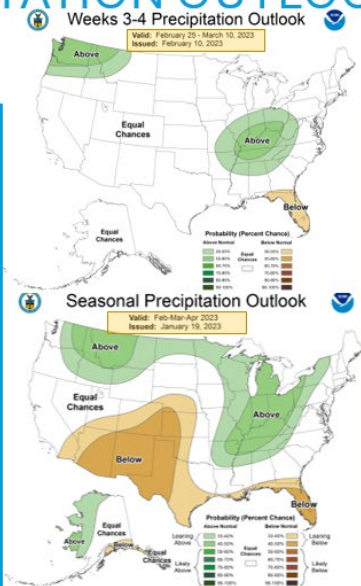
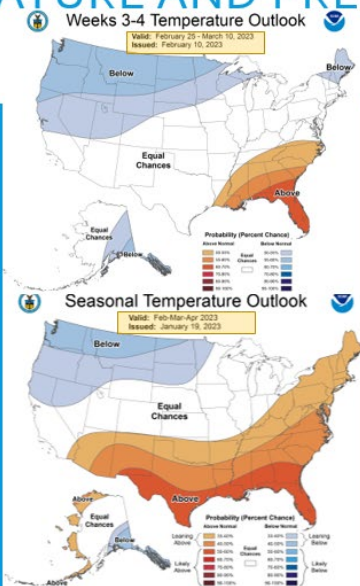
# THREE WEEK AR FORECAST

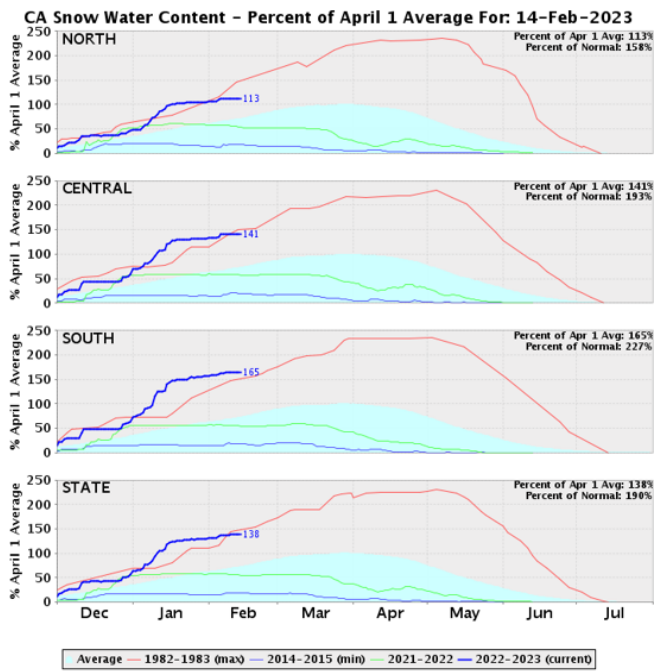


# TEMPERATURE AND PRECIPITATION OUTLOOK

3 to 4 weeks:  
Feb 25 – Mar 10

3 months:  
Feb – Apr





## CALIFORNIA SNOW WATER CONTENT



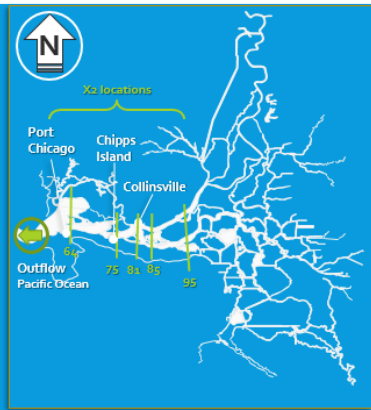
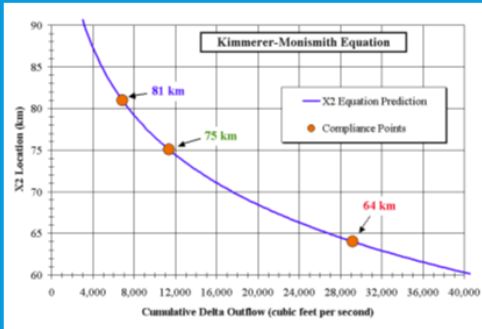
### Delta Outflow Requirements under D-1641

Under D-1641, the applicable Bay-Delta Water Quality Control Plan, the SWP and CVP are required to meet an X2<sup>1</sup> criteria in the Delta from February through June. There are 3 potential compliance locations; the compliance location each month is determined based on the previous month's unimpaired flow (8 River Index). At a minimum, D-1641 requires X2 no more east than Collinsville<sup>2</sup>. There are 3 ways to comply with the X2 requirement: 3-day average flow equivalent corresponding to the required X2 location in cfs, daily average EC, or 14-day average EC. The shorter the required X2 distance (location), the greater the Delta outflow required to meet the X2.



## X2 LOCATION AND DELTA OUTFLOW

Location	X2 (km)	Typical Spring Outflow (cfs)	Typical Spring Outflow (taf/day)
Collinsville	81	7,100	14
Chippis Island	75	11,400	23
Pt. Chicago	64	29,200	58



<sup>1</sup> Distance in kilometers from Golden Gate Bridge to the 2 ppt salinity isohaline.  
<sup>2</sup> Some exceptions in May and June in extremely dry years.



## Request for Temporary Urgency Change

Given the extremely wet January, under D-1641, CVP and SWP would have had to meet the Port Chicago criteria for essentially all of February. In past years, a wet January would typically be followed by wet February and March, thus muting the water supply effects of this criteria. However, early February was completely dry and later February forecasts were dry or uncertain. On February 14, 2023, DWR and Reclamation requested a temporary suspension of the Port Chicago criteria for February and March, and stated in their request:

“Extremely wet conditions in January triggered a water quality standard in the Delta that, coupled with the extended dry period since then, pursuant to Water Right Decision 1641 (D-1641), would require a sharp decrease in Delta water supply exports and a sharp increase in releases from upstream storage reservoirs such as Lake Oroville and Folsom Lake. Historically, wet conditions in January would be expected to be followed by extended runoff through February and March, thus muting the water supply impacts from a decrease in exports and an increase in releases from upstream reservoirs. A return to dry conditions the rest of winter and spring of 2023, coupled with the current D-1641 requirements, would mean that the water storage available for release later in the spring and summer would be hundreds of thousands of acre-feet less than needed.”

DWR and Reclamation evaluated the water supply and environmental effects of this request:

“Our modeling shows that January’s wet hydrology, along with operational actions from the SWP and CVP, created conditions that will be protective of species throughout February and March. Temporarily moving our permit compliance point to the east will allow the projects to operate in a way that does not result in significant impacts to delta smelt and longfin smelt, given favorable conditions provided through the January storms and reduced project exports, while enabling additional water storage to stabilize water supply in the spring and summer. The proposed change will provide clear storage benefits south of the Delta and will also have the potential to provide storage benefits north of the Delta. Maintaining water storage is critical should dry conditions return. The expectation is that as snowmelt occurs later this winter and spring, inflows into the Delta will return in significant volumes that naturally extend wetter conditions.”

The TUCP also evaluated the effects on species and found there would be no unreasonable impacts to fish, wildlife or other instream uses. In a letter dated February 20, 2023, the Department of Fish and Wildlife concurred with that assessment.

## February Operations and Outcomes

On February 21<sup>st</sup>, the SWB issued the order (TUCO) temporarily removing the Port Chicago criteria. However, X2 remained between 72.4 km and 62.9 km from February 5<sup>th</sup> to February 28<sup>th</sup>. Starting March 1<sup>st</sup> X2 was west of the Chipps location and fully complied with the required X2 values including meeting Port Chicago for 11 days in March. Export operations in the south Delta were not influenced by the TUCO starting February 25. A total water supply of 500 TAF was estimated to be conserved through the end of February because of the TUCO, of which 175 TAF was exported. On March 9<sup>th</sup>, the SWB issued an order that rescinded “the suspension of the Port Chicago Delta Outflow requirements of March” based on the Bulletin 120 forecast released on March 8<sup>th</sup> showing significant improvement in the hydrology forecast for the WY. The number of days where X2 was east of Port Chicago exceeded requirements through the remainder of the spring due to high natural runoff resulting from the March storms and large snowpack accumulations. The Delta remained in excess conditions in March through July 10<sup>th</sup> with increased Delta inflows.

## Closing Remarks

Increasing subseasonal whiplash in hydrology combined with the changes in snowmelt patterns with increasing temperatures is increasing the uncertainty in hydrology and operations forecasts. The rules in D-1641, adopted in 1995, did not and could not have anticipated the scale of observed hydrologic pattern changes in recent years. WY 2023 is a great example, pointing to the need for better aligning the water rights system with climate change effects. When D-1641 was adopted, an extremely wet January was often followed by a wet February. However, that was not the case this year. Following three years of severe drought, with reservoirs throughout the state only partially recovered, and a return to dry conditions in February, it is questionable that January hydrology conditions should be the only factor in determining how the system should be operated in the subsequent drier month. The TUCO allowed SWP and CVP to continue maintaining marginally higher, but still good, salinity conditions over a significant extent of the estuary while protecting water supply for all beneficial uses and providing much needed drought recovery to much of the State.

Great example of  
adaptive  
management

# Section 1 | Work Performed (December 2023 Activities)

**Program Management.** The team continued program-wide support activities and implementation of the Program Management Information System.

- Continued processing invoices for FY23/24
- Support vendors with invoice submission and contract amendment requests
- Support contract managers with financial forecasting and cashflow projections
- Continue development of master programmatic schedule
- Continue implementation and training of SOPs/Management Plans
- Continued rate review process development for consultant rates in e-Builder

**Administration.** The Administrative team continued to support functions including IT support, in-person and virtual meetings and social media content/updates

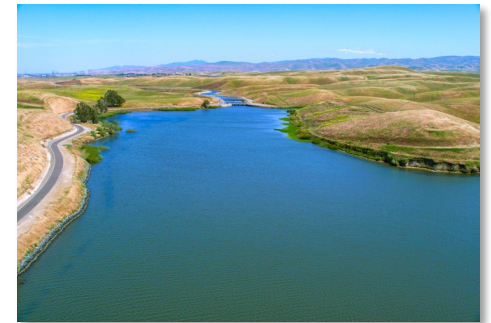
- Supported DCA Board of Directors and coordination of DCA events including preparation for remote Director participation for Board meetings per Brown Act requirements.
- DCA Website review and updates, pushed DCA updates via social media outlets, created reminders about resource materials
- Coordination of DCA Change Board meetings/actions
- Activities supporting the development, coordination and live support for Program Management Plans training sessions

- Continue FY23/24 contract management activities
- Logistical support for DCA alignment tours
- Execution and support of upcoming meetings and conferences
- Project Management activities to onboard the DCA Learning Management System

**Engineering.** The engineering team primarily focused on supporting the Department of Water Resources (DWR) Delta Conveyance Office (DCO) permitting efforts while also continuing to develop and progress engineering studies.

- Continued responding to requests for information (RFIs) from the Delta Conveyance Office (DCO) environmental team regarding the Draft Environmental Impact Report as well as permit applications.
- Finalized standalone report documenting updates made to the Central and Eastern (C-E) and Bethany Engineering Project Reports (EPRs) and posted to DCA website.
- Continued providing support for a potential community benefits program, including engineering, cost estimating, and participating in meeting with community representatives.
- Continued to support communications and outreach efforts, including developing new and updated graphics and updating tour visualizations.
- Began evaluation of total program costs associated with the Bethany Reservoir Alternative, the preferred project identified by DWR through certification of the Final Environmental Impact Report.

- As part of the cost estimate development, evaluate identifying potential innovations that could reduce impacts, cost, schedule, or improve constructability
- Continued review of existing Delta-wide subsurface information
- Continued to support DCA programmatic planning activities.



**Field Work.** The field work team continued efforts to collect data to support evaluation of Delta-wide subsurface conditions and validation of parameters assumed during development of conceptual designs.

- Completed planned investigations as part of the Fall 2023 Investigation Program.
- Continued consideration of potential priority future geotechnical investigations to support continued evaluation of potential design and construction refinements.
- Completed laboratory analysis of data gathered during the Spring, Summer, and Fall 2023 Investigation Programs.

## Sites Reservoir Project Monthly Status Report (December)

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### Monthly Status Summary:

The development of the Sites Project continues to make progress in the critical areas, including the following activities:

### Engineering:

- Continued Division of Safety of Dams coordination. Discussions involve permitting timing and scope of coverage in addition to the technical aspects of geotechnical analysis.
- Continued preliminary engineering design and analysis: dams, I/O, roads, conveyance, and system hydraulics.
- Completed coordination and execution of geotechnical investigation Work Package 3 field and office activities.

### Coordination with Reclamation:

- Meetings with Reclamation and DWR individually to discuss technical aspects of coordinating operations. The joint discussions around the Operations Coordination Agreement were activated again as Reclamation has determined that the agreement can be finalized without a Basis of Negotiation as long as no commitment of resources are made by Reclamation. The parties are forming a drafting committee to review comments and prepare final draft for legal review.
- The State Water Contractors are providing comments on the Operations Coordination Agreement through DWR.
- Technical discussions with Reclamation involving the development of the Partnership Agreement (which is the Federal equivalent to the B&O) continued in December.

### Environmental Planning and Permitting:

- CEQA litigation support, as needed, including indexing the administrative record and preparations to lodge the record with the Court along with initial efforts on the litigation.
- Continued development of the draft Reservoir Management Plan, Clean Water Act 404/401 permit applications, Master Streambed Alteration Agreement, and the Project's Adaptive Management Plan.
- Submitted the Project's Master Lake and Streambed Alteration Agreement permit package to CDFW for processing.
- Began meeting with CDFW staff on responding to additional information requests for the

Preparer:	JB, KS, AF, CH, HL, JS, LWH, JR	Authority Agent:	AF, KS, JR	Approver:	Brown	Page:	1	of	2
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## Monthly Status Report Continued

Project's Operations ITP application. Received notice from CDFW of outstanding items that need to be addressed to complete the application.

- Continued coordination with CDFW on the Revised Construction ITP application and received a notice of complete application 12/08/2023.
- Continued development of the Proposition 1 Adaptive Management Plans for WSIP recreation and flood benefits.
- Continued discussions with several parties protesting the Project's water right application and continued preparation for the administrative hearing.

### **Operations:**

- Continued effort to transition Sites into the CalSim 3 model platform. Preparing summary of results for presentation to the Board at the January meeting.

### **Partner Engagement, Public Outreach & Real Estate:**

- Made updates to the project's message platform and informational materials to reflect the current status of the project and began development of new project collateral materials.
- Kicked-off the 2023 Annual Report development.
- Planning for a Virtual Town Hall in early 2024 and 2024 Local Community Working Group meetings.
- Continued ongoing coordination with landowners who are part of the Early Acquisition Program.
- Ongoing coordination with landowners to discuss TROE for geotechnical, biological, environmental, and cultural field activities and other real estate actions.

### **Program Management & Administration:**

- EDF has independently applied for grant funding with its purpose being to analyze the positive outcomes from implementation of the EWM concept as part of CDFW's Prop 1 ecosystem capacity interest.



# Sites Reservoir Project

## Work Plan Progress Reporting

#	Activity Name	Start	Finish	2024												2025												2026											
				Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1	<b>What do we get?</b>																																						
2	Final Operating Agreement - Sites/DWR/Reclamation	19-Apr-22 A	31-Jul-24	Final Operating Agreement - Sites/DWR/Reclamation																																			
3	Submit Water Right Permit Application		11-May-22 A																																				
4	Sites Reservoir Operations Plan, Version 2	02-Jun-23 A	27-Jun-24	Sites Reservoir Operations Plan, Version 2																																			
5	Develop Participant Specific Model	05-Jun-23 A	21-Feb-24	Develop Participant Specific Model																																			
6	Final EIR / EIS - Complete		02-Nov-23 A	Final EIR / EIS - Complete																																			
7	CWA 404 / 401 - Submit Final Permit Applications		22-Jan-24	◆ CWA 404 / 401 - Submit Final Permit Applications																																			
8	B&O Contract Ready to Execute (Contract, Bylaws, JPA)		28-Jun-24	◆ B&O Contract Ready to Execute (Contract, Bylaws, JPA)																																			
9	Receive CESA ITP - Operations		15-Jul-24	◆ Receive CESA ITP - Operations																																			
10	Receive CESA ITP - Construction		15-Jul-24	◆ Receive CESA ITP - Construction																																			
11	Federal ESA - Receive Project Construction & Program Operations BiOps		19-Jul-24	◆ Federal ESA - Receive Project Construction & Program Operations BiOps																																			
12	ROD Signed		30-Jul-24	◆ ROD Signed																																			
13	Execute TCCA & GCID Facilities Use Agreements		30-Jul-24	◆ Execute TCCA & GCID Facilities Use Agreements																																			
14	DSOD Confirmation of Dam Design Criteria		30-Dec-24	◆ DSOD Confirmation of Dam Design Criteria																																			
15	Water Right Permit Issued by SWRCB		07-Feb-25*	◆◆ Water Right Permit Issued by SWRCB																																			
16	Federal ESA - Receive Project Operations BiOps		14-May-25	◆◆ Federal ESA - Receive Project Operations BiOps																																			
17	<b>What does it cost?</b>																																						
18	Geotech EA/IS	03-Jan-22 A	28-Jul-22 A																																				
19	Landowners Access Agreements for Geotech	22-Mar-22 A	31-May-24	Landowners Access Agreements for Geotech																																			
20	Geotech Work Package #1	06-Sep-22 A	30-Dec-22 A																																				
21	Geotech Work Package #2	02-Jan-23 A	30-Jun-23 A																																				
22	Mitigation Cost Estimate Update	25-Apr-23 A	26-Jun-23 A																																				
23	Geotech Work Package #3	03-Jul-23 A	29-Dec-23 A																																				
24	Project Unit Cost Update Complete (Class 3 Estimate & Plan of Finance)		30-Jul-24	◆ Project Unit Cost Update Complete (Class 3 Estimate & Plan of Finance)																																			
25	<b>How do we pay?</b>																																						
26	Financing Check-In Q2-2022		01-Jul-22 A																																				
27	WIFIA Loan Application	05-Jul-22 A	30-Mar-23 A																																				
28	Financing Check-In Q3-2022		07-Oct-22 A																																				
29	Submittal of Final WIFIA Application		30-Mar-23 A																																				
30	Financing Check-In Q1-2023		03-Apr-23 A																																				
31	Master Agreement & WIFIA Loan #1 Negotiation	04-Apr-23 A	31-Jul-24	Master Agreement & WIFIA Loan #1 Negotiation																																			
32	Prop 1 Final WSIP Award - Request Submitted		14-May-25	◆◆ Prop 1 Final WSIP Award - Request Submitted																																			
33	Prop 1 Final WSIP Award from CWC		18-Jul-25	◆◆ Prop 1 Final WSIP Award from CWC																																			
34	<b>Investor Commitment</b>																																						
35	Investor Commitment		07-Mar-25	◆◆ Investor Commitment																																			
36	<b>Construction</b>																																						
37	Construction Groundbreaking	16-Feb-26		◆★ Construction Groundbreaking																																			

**DATE:** February 6, 2024

**TO:** Board of Directors

**SUBJECT:** List of Announcements

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- A. February 7, 2024, 8:30 a.m. – Upper SAR WIFA by Teleconference (Cancelled)
- B. February 13, 2024, 2 p.m. – Board Workshop – Resources/Engineering by  
Teleconference or In-Person
- C. February 14, 2024, 8:30 a.m. – Upper SAR WIFA Technical Advisory Committee  
by Teleconference (Cancelled)
- D. February 14, 2024, 1:30 p.m. – SBVW Conservation District Board Meeting
- E. February 15-16, 2024, Santa Ana River Science and Conservation Symposium @  
ESRI
- F. February 19, 2024 – Agency Closed for Federal Holiday, President’s Day
- G. February 20, 2024, 9:30 a.m. – SAWPA Commission Meeting by Teleconference  
or In-Person
- H. February 20, 2024, 2 p.m. – Regular Board Meeting by Teleconference or In-  
Person
- I. February 21, 2024, 8:30 a.m. – Upper SAR WIFA by Teleconference (Cancelled)
- J. February 22, 2024, 5:30 p.m. – Celebrating a Legacy: 70 Years of San Bernardino  
Valley (The Mitten Building 345 N 5th St, Redlands, CA 92374)
- K. February 26, 2024, 6 p.m. – ASBCSD dinner (Planes Of Fame Museum, Chino)

L. February 28, 2024, 8:30 a.m. – Upper SAR WIFA Technical Advisory Committee  
by Teleconference (Cancelled)