



BEAUMONT-CHERRY VALLEY WATER DISTRICT

560 Magnolia Avenue, Beaumont, CA 92223

**NOTICE AND AGENDA
REGULAR MEETING OF THE BOARD OF DIRECTORS
ENGINEERING WORKSHOP**

*This meeting is hereby noticed pursuant to
California Government Code Section 54950 et. seq.*

**Thursday, February 22, 2024 - 6:00 p.m.
560 Magnolia Avenue, Beaumont, CA 92223**

TELECONFERENCE NOTICE

*The BCVWD Board of Directors will attend in person at the BCVWD
Administrative Office and/or via Zoom video teleconference pursuant to
Government Code 54953 et. seq.*

To access the Zoom conference, use the link below:

<https://us02web.zoom.us/j/84318559070?pwd=SXlzMkZCMGh0YTFlL2tnUGlpU3h0UT09>

*To telephone in, please dial: **(669) 900-9128***

*Enter Meeting ID: **843 1855 9070***

*Enter Passcode: **113552***

*For Public Comment, use the “**Raise Hand**” feature if on the
video call when prompted, if dialing in, please **dial *9 to “Raise
Hand**” when prompted*

*BCVWD provides remote attendance options primarily as a matter of
convenience to the public. Unless a Board member is attending remotely
pursuant to provisions of GC 54953 et. seq., BCVWD will not stop or
suspend its in-person public meeting should a technological interruption
occur with respect to the Zoom teleconference or call-in line listed on the
agenda. Members of the public are encouraged to attend BCVWD meetings
in person at the above address, or remotely using the options listed.*

*Meeting materials are available on
the BCVWD’s website:*

[https://bcvwd.org/document-
category/regular-board-agendas/](https://bcvwd.org/document-category/regular-board-agendas/)

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BCVWD ENGINEERING WORKSHOP – FEBRUARY 22, 2024

Call to Order: President Covington

Pledge of Allegiance: Director Ramirez

Invocation: Director Hoffman

Announcement and Verification of Remote Meeting Participation (if any) Pursuant to AB 2449 or GC 54953(b)

Roll Call - Board of Directors

| | |
|--|-------------------------------|
| | President John Covington |
| | Vice President Daniel Slawson |
| | Secretary Lona Williams |
| | Treasurer Andy Ramirez |
| | Member David Hoffman |

**Roll Call
and Introduction of Staff Members Present**

Public Comment

PUBLIC COMMENT: RAISE HAND OR PRESS *9 to request to speak when prompted. If you are present in the Board Room, please fill out a Request to Speak card and deliver it to the Recording Secretary.

At this time, any person may address the Board of Directors on matters within its jurisdiction. However, state law prohibits the Board from discussing or taking action on any item not listed on the agenda. Any non-agenda matters that require action will be referred to Staff for a report and possible action at a subsequent meeting. **Please limit your comments to three minutes.** Sharing or passing time to another speaker is not permitted.

ACTION ITEMS

Action may be taken on any item on the agenda. Information on the following items is included in the full Agenda Packet.

- 1. Adjustments to the Agenda:** In accordance with Government Code Section 54954.2, additions to the agenda require a 2/3 vote of the legislative body, or if less than 2/3 of the members are present, a unanimous vote of those members present, which makes the determination that there is a need to take action, and the need to take action arose after the posting of the agenda.
 - a. Item(s) to be removed or continued from the Agenda
 - b. Emergency Item(s) to be added to the Agenda
 - c. Changes to the order of the agenda
- 2. Request for Will-Serve Letter for Improvements to 1680 E 6th Street, Suite A (APN 419-150-006) – East of Allegheny Avenue, and West of Highland Springs Avenue (pages 5 - 9)**
- 3. Review of District Contract Expenditures in Fiscal Year 2023 (pages 10 - 14)**

4. Reports for Discussion and Possible Action

a. Directors' Reports

In compliance with Government Code § 53232.3(d), Water Code § 20201, and BCVWD Policies and Procedures Manual Part II Policies 4060 and 4065, directors claiming a per diem and/or expense reimbursement (regardless of preapproval status) will provide a brief report following attendance.

- Water Education for Latino Leaders Conference in Indio, California on January 19-21, 2024 (Ramirez)
- SGPWA Meeting on February 5, 2024 (Slawson)
- CSDA Webinar: Form 700 Filers, A Guide to SEI Disclosure on February 15, 2024 (Hoffman, Slawson, Williams)

b. Directors' General Comments

c. General Manager's Report (pages 15 - 36)

d. Legal Counsel Report

5. Topic List for Future Meetings

- Update / presentation on the AMR / AMI project
- Presentation on the San Bernardino Valley Resource Conservation District
- Presentation on solar power opportunities
- Sites Reservoir update
- Policy 5095 – District Residences and Facility Emergency Policy

6. Announcements

Check the meeting agenda for location and/or teleconference information:

- Beaumont Basin Watermaster Committee: Wednesday, Mar. 6 at 11 a.m.
- Collaborative Agencies Committee: Wednesday, Mar. 6 at 5 p.m.
- Finance & Audit Committee meeting: Thursday, Mar. 7 at 3 p.m.
- Regular Board meeting: Wednesday, Mar. 13 at 6 p.m.
- Personnel Committee meeting: Tuesday, Mar. 19 at 5:30 p.m.
- San Geronio Pass Regional Water Alliance: Wednesday, Mar. 27 at 5 p.m.
- Engineering Workshop: Thursday, Mar. 28 at 6 p.m.

7. Recess to Closed Session

a. CONFERENCE WITH REAL PROPERTY NEGOTIATORS

Pursuant to California Government Code Section 54956.8

Property: APNs 408-080-009, 408-080-010, 408-080,011, 480-080-012

Agency Negotiator: Dan Jagers, General Manager

Under Negotiation: Price and terms of payment

b. CONFERENCE WITH REAL PROPERTY NEGOTIATORS

Pursuant to California Government Code Section 54956.8

Property: 851 E. 6th Street

Agency Negotiator: Dan Jagers, General Manager

Under Negotiation: Price and terms of payment

8. Report on Action Taken During Closed Session

9. Adjournment

NOTICES

AVAILABILITY OF AGENDA MATERIALS - Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Beaumont-Cherry Valley Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection in the District's office, at 560 Magnolia Avenue, Beaumont, California ("District Office") during business hours, Monday through Thursday from 7:30 a.m. to 5 p.m. If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District Office at the same time or within 24 hours' time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during the meeting, they can be made available in the Board Room at the District Office. Materials may also be available on the District's website: www.bcvwd.org.

REVISIONS TO THE AGENDA - In accordance with §54954.2(a) of the Government Code (Brown Act), revisions to this Agenda may be made up to 72 hours before the Board Meeting, if necessary, after mailings are completed. Interested persons wishing to receive a copy of the set Agenda may pick one up at the District's Main Office, located at 560 Magnolia Avenue, Beaumont, California, up to 72 hours prior to the Board Meeting.

REQUIREMENTS RE: DISABLED ACCESS - In accordance with Government Code §54954.2(a), requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the District Office, at least 48 hours in advance of the meeting to ensure availability of the requested service or accommodation. The Office may be contacted by telephone at (951) 845-9581, email at info@bcvwd.org or in writing at the Beaumont-Cherry Valley Water District, 560 Magnolia Avenue, Beaumont, California 92223.

CERTIFICATION OF POSTING

A copy of the foregoing notice was posted near the regular meeting place of the Board of Directors of Beaumont-Cherry Valley Water District and to its website at least 72 hours in advance of the meeting (Government Code §54954.2(a)).



**Beaumont-Cherry Valley Water District
Regular Board Meeting
February 22, 2024**

Item 2

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: Request for Will-Serve Letter for Improvements to 1680 E 6th Street, Suite A (APN 419-150-006) – East of Allegheny Avenue, and West of Highland Springs Avenue

Staff Recommendation

Consider the request for a continuation of water service for the proposed improvements to 1680 E 6th Street Suite A, located at Assessor's Parcel Number **(APN) 419-150-006** subject to payment of all deposits and fees to the District and securing all approvals from the City of Beaumont, and:

1. Consider a Continuation of Service Letter for the Project:
 - a. Approve the Application & furnish the Continuation of Service Letter per conditions as enumerated, or
 - b. Deny the Application for Water Service

Executive Summary

The Applicant (Jennifer Yates) has requested domestic water service from the District for proposed redevelopment to the existing suite located at 1680 E 6th Street (Suite A). The Project has historically been served by the District for a previous tenant and is located within the District's Service Boundary. However, the redevelopment of this property for the proposed business will increase the annual use as set forth in Table 1 hereafter.

Table 1 – Project Summary

| | |
|--|--------------------------|
| Applicant | Jennifer Yates |
| Tenant | Jenny's Laundry |
| Development Type | Existing Commercial Site |
| Development Name | Jenny's Laundry |
| Annexation Required (Yes/No) | No |
| Existing Consumption | 1.0 EDUs |
| Estimated Potable Consumption | 3.0 EDUs |
| Total Increased Water Consumption (EDUs) | 2.0 EDUs |

Background

The Applicant, Jennifer Yates (on behalf of Jenny's Laundry), has requested water service from the District for an increase in water demand (allocation) to an existing suite within a building located at 1680 E 6th Street which proposes a new laundromat. The Project has historically been served by the District from a meter manifold at the southern end of the property from the District's 12-inch 2750 Pressure Zone (PZ) Asbestos-Cement Pipe (ACP)



Discussion

The Applicant has provided estimated potable water usage of 1,462 gallons of water per day (gpd) for the proposed laundromat. This has been summarized in Table 2, below.

TABLE 2: Estimated Water Consumption

| Demand | Est. Consumption (GPD) | Est. Consumption (EDUs) |
|---------------------------|------------------------|-------------------------|
| Potable Water Demand | 1,462.0 | 3.0 |
| Total Water Demand | 1,462.0 | 3.0 |

District staff has determined that the previous owner paid facilities fees for 1 EDU when the building was originally constructed. The existing water consumption for Suite A of 1680 E. 6th Street has been provided below in Table 3.

TABLE 3: Existing Water Consumption

| Demand | Exist. Consumption (GPD) | Exist. Consumption (EDUs) |
|------------------------------------|--------------------------|---------------------------|
| Existing Potable Water Demand | 487.0 | 1.0 |
| Total Existing Water Demand | 487.0 | 1.0 |

District staff has observed the estimated total water consumption in comparison to the existing water consumption. The Applicant will be allotted a water credit based upon their existing water consumption. District staff has provided the net difference in water consumption below, in Table 4.

TABLE 4: Additional Water Consumption

| Demand | Exist. Consumption (GPD) | Exist. Consumption (EDUs) |
|--------------------------------------|--------------------------|---------------------------|
| Additional Potable Water Demand | 974.0 | 2.0 |
| Total Additional Water Demand | 974.0 | 2.0 |

The Applicant will continue to receive water from the District from the existing service on 6th Street. Historically, Suite A of 1680 E 6th Street has been served from a 5/8" meter and the previous tenant utilized less than 50 gallons per day (gpd). District staff has determined that capacity charges of 1 EDU were paid by the original owner around 2008, so the Applicant will be responsible to pay the capacity charges for the increased consumption (2 EDUs). The final domestic meter size will be determined by the Applicant. Upon approval of service, the Applicant shall pay all applicable District deposits and fees, including, but not limited to, water capacity charges, installation charges, and GIS deposits (as applicable).



The final domestic meter size will be determined by the Applicant. Fire flow requirements will be determined by the City of Beaumont Fire Department and will dictate actual required Fire Suppression needs of the Project.

Conditions of Development

Prior to final Project development, the following conditions must be met:

1. The Applicant shall conform to all District requirements (including the Regulations Governing Water Service) and/or all City of Beaumont requirements.
2. The District reserves the right to review annual consumption data (water consumption audit) and collect capacity charge fees for consumption exceeding 3 EDUs (3.0 EDUs [1,462.0 gpd] for the domestic demand) as identified in Table 2.
3. In the event the Applicant constructs facilities which require additional water (i.e., expansion or change of use), the Applicant will be required to upgrade the service to facilitate the increased consumption requirements and pay additional capacity charges related to these upgrades.

Fiscal Impact

No negative fiscal impact to the District. All fees and deposits will be paid by the Applicant.

Attachments

1. Jenny's Laundry Vicinity Map
2. Will Serve Request Application

Staff Report prepared by Evan Ward, Civil Engineering Assistant

Attachment 1 - Jenny's Laundry Vicinity Map





BEAUMONT CHERRY VALLEY WATER DISTRICT

560 Magnolia Avenue • PO Box 2037

Beaumont, CA 92223-2258

Phone (951) 845-9581

www.bcvwd.org

☒ Will Serve Request ☐ Water Supply Assessment (SB210)

| | | |
|--|--|------------------------------------|
| Applicant Name: <u>JENNIFER YATES / JENNY'S LAUNDRY</u> | | Contact Phone #: <u>[REDACTED]</u> |
| Mailing Address: <u>[REDACTED]</u> | | Fax #: <u>[REDACTED]</u> |
| City: <u>[REDACTED]</u> | | E-mail: <u>[REDACTED]</u> |
| State & Zip: <u>[REDACTED]</u> | | |
| Service Address: <u>1680 E. 6th ST. UNIT A BEAUMONT CA 92223</u> | | |
| Assessor's Parcel Number (APN), Tract Map No. Parcel Map No.: | | |
| Project Type: <input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family <input checked="" type="checkbox"/> Commercial/Industrial <input type="checkbox"/> Minor Subdivision (5 lots or less) | | |
| <input type="checkbox"/> Major subdivision (6+ lots) <input type="checkbox"/> Other | | |
| Site Map Attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>Already has</u> | | |

The letter should be delivered to:

Recipient: _____

PLEASE CHOOSE ONE:

☐ Mail (above address) ☒ E-mail
☐ Fax ☐ Will pick up

The District reserves the right to impose terms and conditions in Will Serve Letters and/or Water Supply Assessment Reports that take into account water availability issues, conservation issues and the District's existing facilities, all of which impact the District's ability to provide service to the subject property and maintain the District's ability to meet existing water demands.

[Signature]
 Applicant's Signature

1.15.24
 Date



**Beaumont-Cherry Valley Water District
Regular Board Meeting
February 22, 2024**

Item 3

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: Review of District Contract Expenditures in Fiscal Year 2023

Staff Recommendation

None. Direct staff as desired.

Executive Summary

The District holds contracts with various vendors to provide ongoing services to the District for the 2023 Fiscal Year. The tables detailing the vendor information, the Board of Directors date of approval, total contract costs to date, contract costs not to exceed, and contract costs remaining are provided as attachments 1 and 2 for review. Attachment 1 is for service-oriented contracts, or projects, not in the District's Capital Improvement Budget. Attachment 2 is for Capital Improvement Budget projects.

Background

At the meeting of the Finance and Audit Committee on January 7, 2021, Chair Hoffman and Member Covington requested detail on long-term contract vendor activities. Since that time, this detail has been presented on a quarterly basis to the Finance and Audit Committee. At the August 24, 2023 Regular Meeting of the Board, Director Covington requested said detail be presented at the next Regular Meeting.

District Policy Part II Section 11, Employment of Consultants, outlines the requirements for executing contracts with outside contractors or consultants for construction, engineering, planning, and environmental review projects, or for auditing purposes. Consultants are selected by the General Manager and approved by the Board of Directors, based on the consultant's experience and qualifications. The consultants are also required to provide an explanation of scope of work, hours to complete and applicable cost estimate for their services that is used in their evaluation in the selection process. Upon Board approval of the contract specifics, District staff works with Legal Counsel to draft and execute an agreement with the outside contractor or consultant selected. Attachment 1 - Table 1 displays contracts that are executed within the parameters of said Policy.

District Policy Part II Section 12, Employment of Outside Contractors, outlines the requirements for executing contracts with outside contractors or consultants for construction, engineering, planning, and environmental review projects, or for auditing purposes. Contractors are selected by the General Manager and approved by the Board of Directors, on the basis of the lowest responsible bidder, after a thorough evaluation of bids. Upon Board approval of the contract specifics, District staff works with Legal Counsel to draft and execute an agreement with the outside contractor selected. Attachment 2 – Table 2 displays contracts that are executed within the parameters of said Policy.

The Vendor Number and Vendor Name columns of both Tables are created in the District's financial system, Springbrook, upon receipt of the first invoice for services rendered to the District. Wells Fargo Bank, N.A. and Chandler Asset Management are not entered in Springbrook because the charges assessed by those vendors are deducted from the balance and portfolio managed by each of those respective entities. Total Contract Costs to Date reflect invoices for services rendered up to December 31, 2023 and were presented to the Finance and Audit Committee on February 1, 2024.

Fiscal Impact

Total contract costs remaining, as reflected by the combined totals of Tables 1 and 2, are \$7,677,957.02.

Attachments

1. Table 1 – Non – Capital Improvement Budget Contracts
2. Table 2 – Capital Improvement Budget Related Contracts

Staff Report prepared by William Clayton, Finance Manager

Beaumont-Cherry Valley Water District
Review of District Contract Expenditures in Fiscal Year 2023

Attachment 1

Table 1
Non-Capital Improvement Budget Contracts

| Vendor Number | Vendor Name | Contract Services | Board Approval Date | FY 2022 and Prior Costs | FY 2023 Costs To Date | Total Contract Costs to Date | Contract Costs Not To Exceed | Contract Costs Remaining |
|---------------------------------------|--|--|---------------------|-------------------------|-----------------------|------------------------------|---|--------------------------|
| 10985 | Eide Bailly, LLP | Assistance with the implementation of GASB 96 | N/A | \$ - | \$ - | \$ - | \$ 7,500.00 | \$ 7,500.00 |
| 10797 | Raftelis Financial Consultants | Capacity Charge Study | 4/12/2023 | \$ - | \$ 18,515.00 | \$ 18,515.00 | \$ 51,750.00 | \$ 33,235.00 |
| 11180 | Foster & Foster Consulting Actuaries, Inc. | Actuarial Services to Value OPEB in Compliance with GASB 75 | 1/26/2023 | \$ - | \$ 11,000.00 | \$ 11,000.00 | \$ 40,250.00 | \$ 29,250.00 |
| 10491 | Rogers, Anderson, Malody & Scott, LLP | Annual Independent Audit | 1/11/2023 | \$ - | \$ 33,050.00 | \$ 33,050.00 | \$ 173,995.00 | \$ 140,945.00 |
| 10772 | CV Strategies | Public Relations and Community Outreach Consulting Services | 1/26/2023 | | \$ 56,788.75 | \$ 56,788.75 | \$ 99,715.00 | \$ 42,926.25 |
| 10719 | HR Dynamics | 2023 Professional HR Consulting Svcs | 4/12/2023 | | \$ 51,100.00 | \$ 51,100.00 | \$ 58,400.00 | \$ 7,300.00 |
| N/A | Wells Fargo Bank, N.A. | Banking Services | 6/14/2023 | | \$ 1,793.46 | \$ 1,793.46 | \$ 25,000.00 | \$ 23,206.54 |
| N/A | Thomas Harder & Co. | District's Share of the 2023 On-Call Professional Engineering Services Agreement for BBW | 10/27/2022 | | \$ 3,420.00 | \$ 3,420.00 | \$ 63,161.00 | \$ 59,741.00 |
| 10743 | Townsend Public Affairs | Grant Writing Consulting Services | 4/13/2022 | \$ 40,000.00 | \$ 45,000.00 | \$ 85,000.00 | \$ 120,000.00 | \$ 35,000.00 |
| N/A | Chandler Asset Management | Investment Management/Advisory Svcs | 12/14/2022 | | \$ 28,490.61 | \$ 28,490.61 | Fees Charged on assets under management | \$ - |
| 10016 | T.R. Holliman c/o City of Beaumont | Recycled Water Program Implementation Facilitator | 9/29/2022 | | \$ 33,936.70 | \$ 33,936.70 | \$ 58,000.00 | \$ 24,063.30 |
| 11144 | The Mejorado Group | Workforce and Succession Planning | 6/23/2022 | \$ 18,570.55 | \$ 29,850.00 | \$ 48,420.55 | \$ 79,300.00 | \$ 30,879.45 |
| 10828 | NeoGov | HR Information System | 4/14/2021 | \$ 46,090.28 | \$ 24,002.63 | \$ 70,092.91 | \$ 81,831.84 | \$ 11,738.93 |
| TOTAL CONTRACT COSTS REMAINING | | | | | | \$ 441,607.98 | \$ 851,402.84 | \$ 438,285.47 |

Beaumont-Cherry Valley Water District
Review of District Contract Expenditures in Fiscal Year 2023

Attachment 2

Table 2
Capital Improvement Budget Contracts

| Vendor Number | Vendor Name | Contract Services | Board Approval Date | FY 2022 and Prior Costs | FY 2023 Costs To Date | Total Contract Costs to Date | Contract Costs Not To Exceed | Contract Costs Remaining |
|---------------|-------------------------------------|--|---------------------|-------------------------|-----------------------|------------------------------|------------------------------|--------------------------|
| 10148 | MCC Equipment Rentals, Inc. | 5th Street and Michigan Avenue Replacement Pipeline Projects (P-2750-0097 and P-2750-0092) | 6/14/2023 | | \$ 789,516.87 | \$ 789,516.87 | \$ 1,180,000.00 | \$ 390,483.13 |
| 11194 | Dudek | District Well Feasibility and Siting Study | 3/23/2023 | | \$ 22,573.75 | \$ 22,573.75 | \$ 92,000.00 | \$ 69,426.25 |
| 10148 | MCC Equipment Rentals, Inc. | 2022-2023 Service Lateral Replacement Project (P-2750-0096) | 4/12/2023 | | \$ 245,244.54 | \$ 245,244.54 | \$ 312,773.00 | \$ 67,528.46 |
| 10148 | MCC Equipment Rentals, Inc. | 2017 Water Pipeline Replacement Project (Pipeline 2- P-3620-0015) | 1/11/2023 | | \$ 320,337.09 | \$ 320,337.09 | \$ 383,960.00 | \$ 63,622.91 |
| 10266 | Cozad & Fox | B Line Replacement Pipeline Project Engineering Services | 2/9/2022 | \$ 55,626.40 | \$ 47,816.10 | \$ 103,442.50 | \$ 143,500.00 | \$ 40,057.50 |
| 10148 | MCC Equipment Rentals, Inc. | MDP Line 16 Pipeline Relocation Project Pipelines 6A, 7 & 8 | 7/28/2022 | \$ 455,723.46 | \$ 167,673.10 | \$ 623,396.56 | \$ 676,900.00 | \$ 53,503.44 |
| 11153 | CASC Engineering & Consulting, Inc. | On-Call Land Surveying Services | 7/28/2022 | | \$ 25,360.10 | \$ 25,360.10 | \$ 100,000.00 | \$ 74,639.90 |
| 10266 | Cozad & Fox | On-Call Land Surveying Services | 7/28/2022 | | \$ - | \$ - | \$ 100,000.00 | \$ 100,000.00 |
| 10911 | Prizm Group | On-Call Land Surveying Services | 7/28/2022 | | \$ - | \$ - | \$ 100,000.00 | \$ 100,000.00 |
| 11098 | Harper and Associates Engineering | 2022/2023 Water Storage Tank Recoating, Painting, and Rehabilitation | 6/23/2022 | | \$ 19,870.00 | \$ 19,870.00 | \$ 198,000.00 | \$ 178,130.00 |
| 10266 | Cozad & Fox | 2020-2021 Replacement Pipeline Project Engineering Services | 6/24/2021 | \$ 114,499.28 | \$ 21,161.96 | \$ 135,661.24 | \$ 188,000.00 | \$ 52,338.76 |
| 10340 | RCFC&WCD | MDP Line 16 Storm Drain | 8/26/2021 | \$ 2,038,120.00 | \$ - | \$ 2,038,120.00 | \$ 3,580,000.00 | \$ 1,541,880.00 |
| 10668 | Thomas Harder & Co. | Engineering Svcs - Well Nos. 1A and 2A | 10/5/2017 | \$ 54,171.85 | \$ 883.75 | \$ 55,055.60 | \$ 261,000.00 | \$ 205,944.40 |
| 10668 | Thomas Harder & Co. | Engineering Svcs - Well Nos. 30 and 31 | 10/5/2017 | \$ 21,841.00 | \$ - | \$ 21,841.00 | \$ 261,000.00 | \$ 239,159.00 |

Beaumont-Cherry Valley Water District
Review of District Contract Expenditures in Fiscal Year 2023

Attachment 2

Table 2
Capital Improvement Budget Contracts

| Vendor Number | Vendor Name | Contract Services | Board Approval Date | FY 2022 and Prior Costs | FY 2023 Costs To Date | Total Contract Costs to Date | Contract Costs Not To Exceed | Contract Costs Remaining |
|---------------------------------------|-----------------------------------|--|---------------------|-------------------------|-----------------------|------------------------------|------------------------------|--------------------------|
| 10266 | Cozad & Fox | Engineering Svcs - Noble Tank and Pipeline | 11/8/2017 | \$ 196,354.70 | \$ 17,487.50 | \$ 213,842.20 | \$ 236,800.00 | \$ 22,957.80 |
| 10193 | South West Pump and Drilling, Inc | Drill Well Nos 1A & 2A | 10/11/2023 | | \$ 190,000.00 | \$ 190,000.00 | \$ 4,230,000.00 | \$ 4,040,000.00 |
| TOTAL CONTRACT COSTS REMAINING | | | | | | \$ 4,804,261.45 | \$ 12,043,933.00 | \$ 7,239,671.55 |



Item 4c

BEAUMONT-CHERRY VALLEY WATER DISTRICT

GENERAL MANAGER'S REPORT

DATE: February 2024
TO: Board of Directors
FROM: Dan Jagers, General Manager

OPERATIONS

TABLE A – Groundwater Production

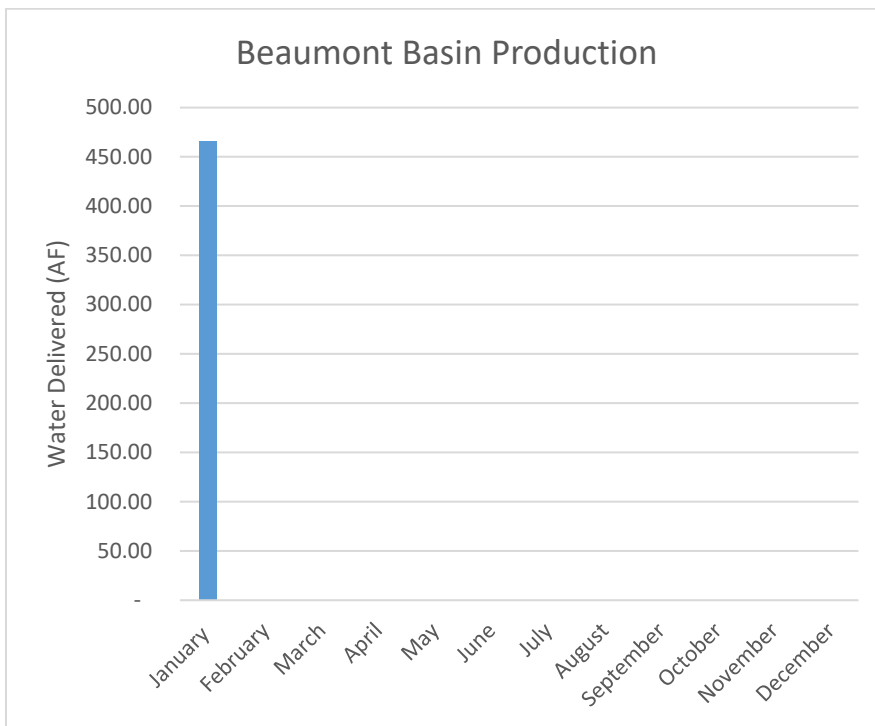


TABLE B – Groundwater Production

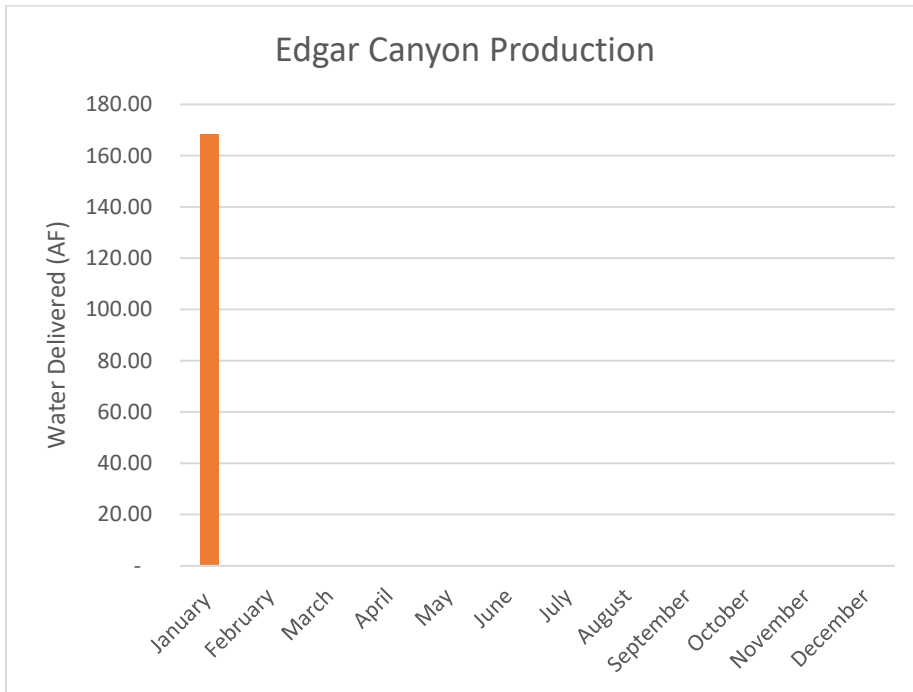


TABLE C – Total Monthly Groundwater Production

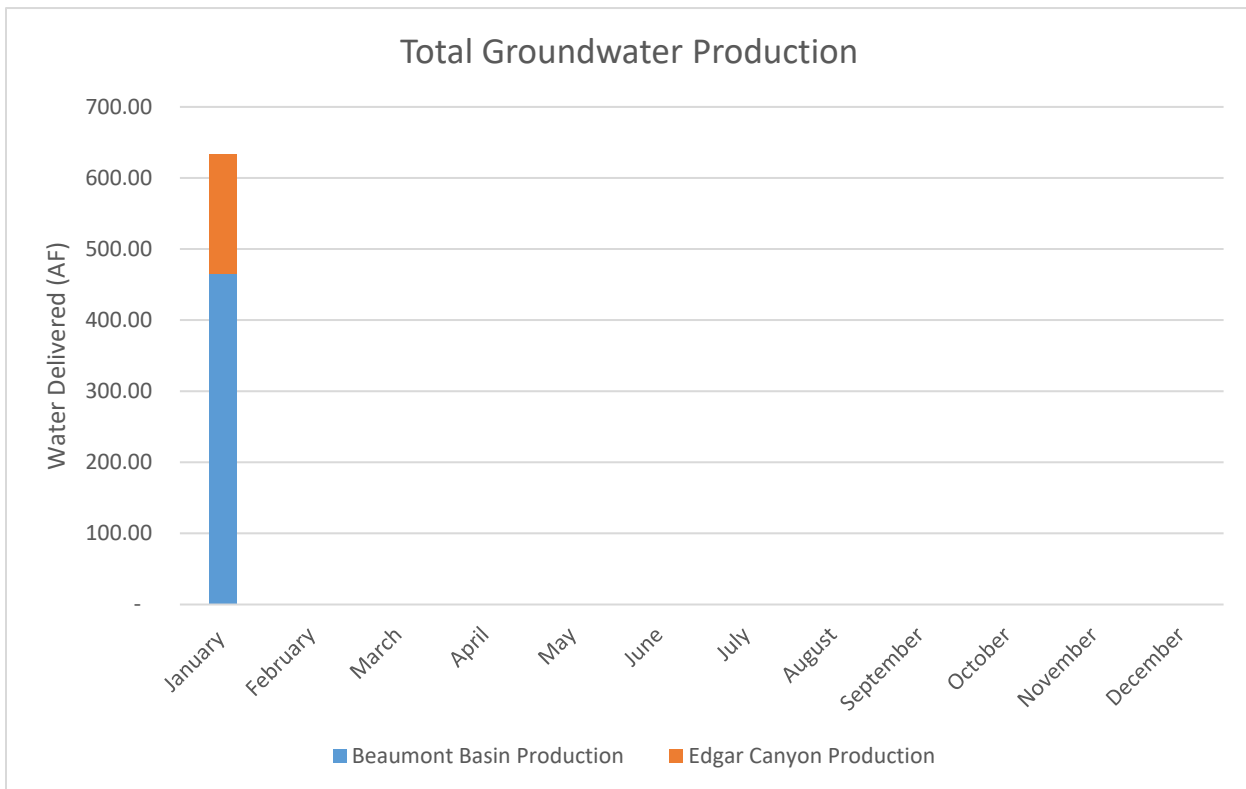
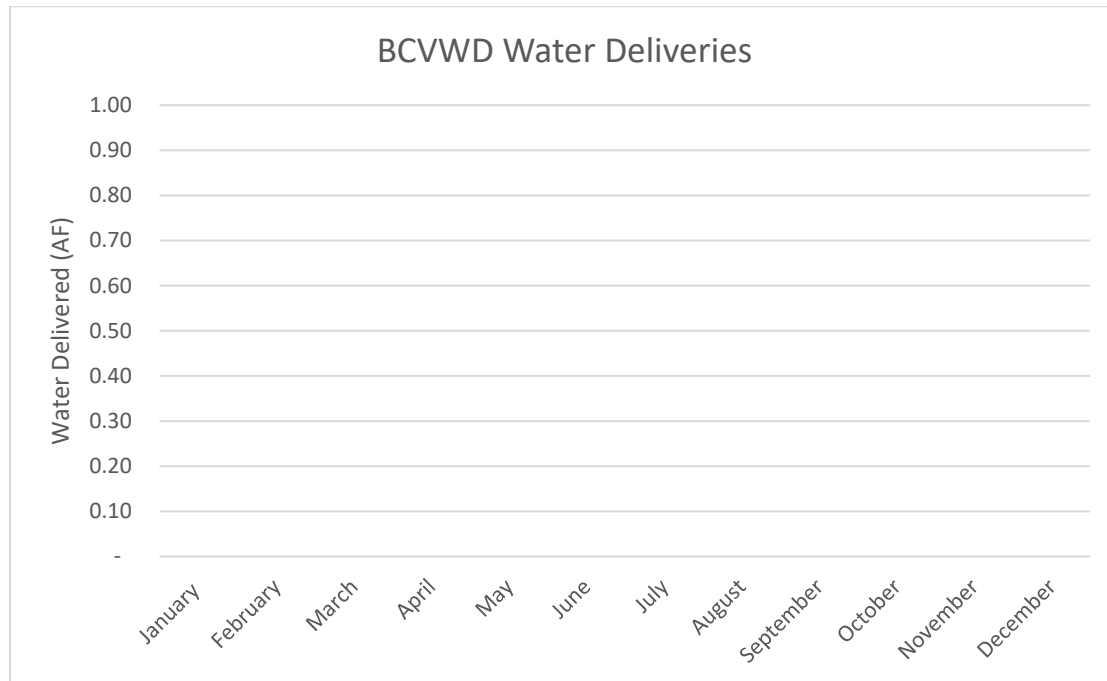


TABLE D – Total Monthly Imported Water Delivery
(None in January)



EXECUTIVE OFFICE

TABLE E - General Manager's activity status

| A - DISTRICT HAPPENINGS | | |
|--------------------------------|--|--|
| A1 | AMR / AMI Project | The AMR / AMI system is being testing this week and is close to coming online. Once activated, the system will track water use and allow customers to tell if there is a leak. |
| A2 | Capacity Charges Study (Raftelis) | Revaluation of costs to ensure accuracy in progress, presentation of Draft study expected early 2024 |
| A3 | Engineering and Operations Center | Staff continues to seek solutions. At the request of field crews, options for temporary accommodations including portable restrooms are being investigated. |
| A4 | District residences | The Personnel Committee discussed the District Residences and Facilities Emergency policy at the Feb. 20 meeting |
| A5 | Well drilling 1A and 2A | No update |
| A6 | Cherry Valley Boulevard Temporary Services | No update |
| A7 | Policies and Procedures Manual | Staff presented six policy updates to the Personnel Committee at the Feb. 20 meeting. |

| | | |
|------------------------------------|---|---|
| A8 | Elm Avenue Pipeline update | No update |
| B - LOCAL AGENCY HAPPENINGS | | |
| B1 | City of Beaumont – Cooperative Agreement (encroachment permit and paving) | Under review by City Manager and staff. |
| B2 | City of Beaumont – Recycled Water Agreement | Awaiting City response regarding setting a meeting |
| B3 | City of Beaumont Landscape Ordinance | Updating language in District conditions of approval for developers to reflect provisions of ordinance |
| B4 | Beaumont Basin Watermaster (BBWM) | <p>At its Feb. 7, 2024 Regular Meeting, the BBWM Committee:</p> <ul style="list-style-type: none"> • Re-elected Committee officers: <ul style="list-style-type: none"> ○ Chair: Art Vela, City of Banning ○ Vice Chair: David Armstrong, South Mesa Water Company ○ Secretary: Dan Jaggars, BCVWD ○ Treasurer: Joseph Zoba, Yucaipa Valley Water District • Retained the services of Dudek to update the BBWM Rules and Regulations • Received the preliminary report on the Basin Safe Yield 2023-2032 (7,100 acre-feet) |
| C - CALIFORNIA HAPPENINGS | | |
| C1 | SWRCB Chromium 6 MCL update | <p>Nick Blair, State Relations Advocate II, Association of California Water Agencies (ACWA) briefed the Alliance members about Chrom 6 at the 1/24/24 meeting of the San Geronio Pass Regional Water Alliance.</p> <p>The SWRCB has opened a second, 15-day comment period for the proposed Maximum Contaminant Level (MCL) which is still the same as the prior proposed level: 10 ppb. Staff is preparing a comment letter.</p> |
| C2 | Delta Conveyance Project (DCP) | <p>At a joint meeting of the SGPWA and San Bernardino Valley Municipal Water District on February 13, the boards were among the first in the state to be updated on the current status of the DCP. The staff report is attached herewith, and the meeting video will be uploaded to the SBVMWD website soon:</p> <p>https://www.sbvmd.com/board-of-directors/agendas-minutes</p> |
| C3 | Zero Emission Trucks – Advanced Clean Fleet rules | <p>The Advanced Clean Fleet regulation took effect January 1, 2024. This requires local agencies' purchases of medium and heavy-duty vehicles to be zero emissions vehicles: 50 percent between 2024 and 2026, and 100 percent starting in January 2027. Fleet inventories must be reported to the California Air Resources Board.</p> |
| C4 | Recharge capacity and State Project Water | Ongoing collaborative effort with SGPWA |

| | | |
|----|--|--|
| C5 | AB 1668 and SB 606: Making Conservation a California Way of Life | General Manager Jagers provided a detailed overview to the Board at the Feb. 14, 2024 meeting. |
| C6 | Sites Reservoir https://sitesproject.org/ | <p>Sites Authority reports an increasing waiting list for participation in the project, with 14 agencies totaling 57,000 af of supply (350,000 af of storage space). This does not include the Bureau of Reclamation, with is currently at 9 percent and has requested 16 percent. With this substantial interest from agencies beyond those currently participating, Sites is exploring options for optimal opportunities, roles, or partnerships.</p> <p>Sites Authority recently released a new video, A Virtual Tour: https://www.youtube.com/watch?v=D109VUJC8Fg</p> <p>The Sites Authority met on Feb. 16. Reports of interest are attached herewith (Attachments 1 and 2)</p> |
| C7 | State Water Project (SWP) | <p>A new report has been issued by the Department of Water Resources about the economic impact of the SWP. "The Economy of the State Water Project" can be found here: https://water.ca.gov/-/media/DWR-Website/Web-Pages/News/Files/FINAL-12-14-2023---The-Economy-of-the-State-Water-Project.pdf</p> <p>Please see also attachment 3, herewith</p> |

ATTACHMENTS

1. Sites Reservoir Monthly Status Report – Feb 2024
2. Sites Reservoir Work Plan – Feb 2024
3. Highlight brochure of The Economy of the State Water Project
4. Current Snowpack Conditions
5. Note from Senator Ochoa-Bogh
6. Public Policy Institute of California – Water Use Report
7. SAWPA starts cloud seeding pilot project

Sites Reservoir Project Monthly Status Report (January)

Monthly Status Summary:

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

Engineering:

- Signed Non-Disclosure Agreement with Western Area Power Administration.
- 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.
- Ongoing coordination with Reclamation on scope and schedule for the ROD.

Environmental Planning and Permitting:

- CEQA litigation support, as needed.
- Continued to perform seasonal surveys required by the Project's Aquatic Study Plan.
- Continued development of the draft Reservoir Management Plan and permitting approach, strategy, and timeline for 2024/2025 activities.
- Continued meetings with CDFW staff on responding to additional information requests for the Project's Operations ITP application. Provided substantial information to CDFW

| | | | | | | | | | |
|-----------|---------------------------------|------------------|------------|-----------|-------|-------|---|----|---|
| Preparer: | JB, KS, AF, CH, HL, JS, LWH, JR | Authority Agent: | AF, KS, JR | Approver: | Brown | Page: | 1 | of | 2 |
|-----------|---------------------------------|------------------|------------|-----------|-------|-------|---|----|---|

Monthly Status Report Continued

to address their requests.

- Continued coordination with CDFW on the Revised Construction ITP and Master Streambed Alteration Agreement.
- 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 March meeting.

Partner Engagement, Public Outreach & Real Estate:

- Finalized and distributed the Sites Virtual Tour video.
- Finalized 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.
- Continued develop of the 2023 Annual Report.
- 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:

- Continued coordination with Participants and Authority Board members to develop the Benefits & Obligations Contract with Participants and Joint Powers Agreement and Bylaws amendments.



Sites Reservoir Project

Work Plan Progress Reporting

| # | Activity Name | Date | 2024 | | | | | | | | | | | | 2025 | | | | | | | | | | | | 2026 | | | | | | | | | | | | 2027 | | | | | | | | | | | |
|----|--|-------------|--|---|---|---|---|---|-----|---|---|-----|---|---|------|---|---|---|---|---|-----|---|---|-----|---|---|------|---|---|---|---|---|-----|---|---|-----|---|---|------|---|---|---|---|---|-----|---|---|-----|---|---|
| | | | J | F | M | A | M | J | Jul | A | S | Oct | N | D | J | F | M | A | M | J | Jul | A | S | Oct | N | D | J | F | M | A | M | J | Jul | A | S | Oct | N | D | J | F | M | A | M | J | Jul | A | S | Oct | N | D |
| 1 | What do we get? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Final EIR / EIS - Complete | 02-Nov-23 A | EIR / EIS - Complete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | CWA 404 / 401 - Submit Final Permit Applications | 16-Feb-24 | ◆ CWA 404 / 401 - Submit Final Permit Applications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Participant Specific Model Completed | 21-Feb-24 | ◆ Participant Specific Model Completed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Sites Reservoir Operations Plan, Version 2 Completed | 27-Jun-24 | ◆ Sites Reservoir Operations Plan, Version 2 Completed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | B&O Contract Ready to Execute (Contract, Bylaws, JPA) | 28-Jun-24 | ◆ B&O Contract Ready to Execute (Contract, Bylaws, JPA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Receive CESA ITP - Operations | 15-Jul-24 | ◆ Receive CESA ITP - Operations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Receive CESA ITP - Construction | 15-Jul-24 | ◆ Receive CESA ITP - Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Federal ESA - Receive Project Construction & Program Operations BiOps | 19-Jul-24 | ◆ Federal ESA - Receive Project Construction & Program Operations BiOps | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | ROD Signed | 30-Jul-24 | ◆ ROD Signed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Execute TCCA & GCID Facilities Use Agreements | 30-Jul-24 | ◆ Execute TCCA & GCID Facilities Use Agreements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Final Operating Agreement - Sites/DWR/Reclamation Completed | 31-Jul-24 | ◆ Final Operating Agreement - Sites/DWR/Reclamation Completed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | DSOD Confirmation of Dam Design Criteria | 30-Dec-24 | ◆ DSOD Confirmation of Dam Design Criteria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Water Right Permit Issued by SWRCB | 07-Feb-25* | ◆ Water Right Permit Issued by SWRCB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Federal ESA - Receive Project Operations BiOps | 14-May-25 | ◆ Federal ESA - Receive Project Operations BiOps | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | What does it cost? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 30% Project Plans Complete | 25-Mar-24 | ◆ 30% Project Plans Complete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Class 3 Estimate Complete | 05-Jul-24 | ◆ Class 3 Estimate Complete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | How do we pay? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | WIFIA Loan Ready to Close | 22-Nov-24* | ◆ WIFIA Loan Ready to Close | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | Partnership Agreement with Reclamation | 24-Mar-25 | ◆ Partnership Agreement with Reclamation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | Prop 1 Final WSIP Award - Request Submitted | 14-May-25 | ◆ Prop 1 Final WSIP Award - Request Submitted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | Prop 1 Final WSIP Award from CWC | 18-Jul-25 | ◆ Prop 1 Final WSIP Award from CWC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Final WIIN Act Appropriation Received | 22-Dec-25 | ◆ Final WIIN Act Appropriation Received | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | Close USDA Loan | 03-Apr-26* | ◆ Close USDA Loan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Resolution to Offer Capacity & Service | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | Resolution to Offer Capacity & Service | 21-Mar-25 | ◆ Resolution to Offer Capacity & Service | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | Close of Investor Commitment Escrow | 19-Sep-25 | ◆ Close of Investor Commitment Escrow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | Golden Gate Dam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | Golden Gate Dam Propety Acquisition Complete | 19-Apr-24* | ◆ Golden Gate Dam Propety Acquisition Complete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | GG Dam Axis - Value Engineering Data | 31-May-24 | ◆ GG Dam Axis - Value Engineering Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | Geotech Available for GG Dam Foundation Design | 21-Mar-25 | ◆ Geotech Available for GG Dam Foundation Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | Complete Golden Gate Dam Foundation Design | 20-Feb-26 | ◆ Complete Golden Gate Dam Foundation Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | Excavation of Golden Gate Dam Foundation | 07-Dec-26 | ◆ Excavation of Golden Gate Dam Foundation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | Construction Groundbreaking | 16-Feb-26 | ★ Construction Groundbreaking | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



THE ECONOMY OF THE STATE WATER PROJECT

*Clean, Reliable, and Affordable
Water for California*



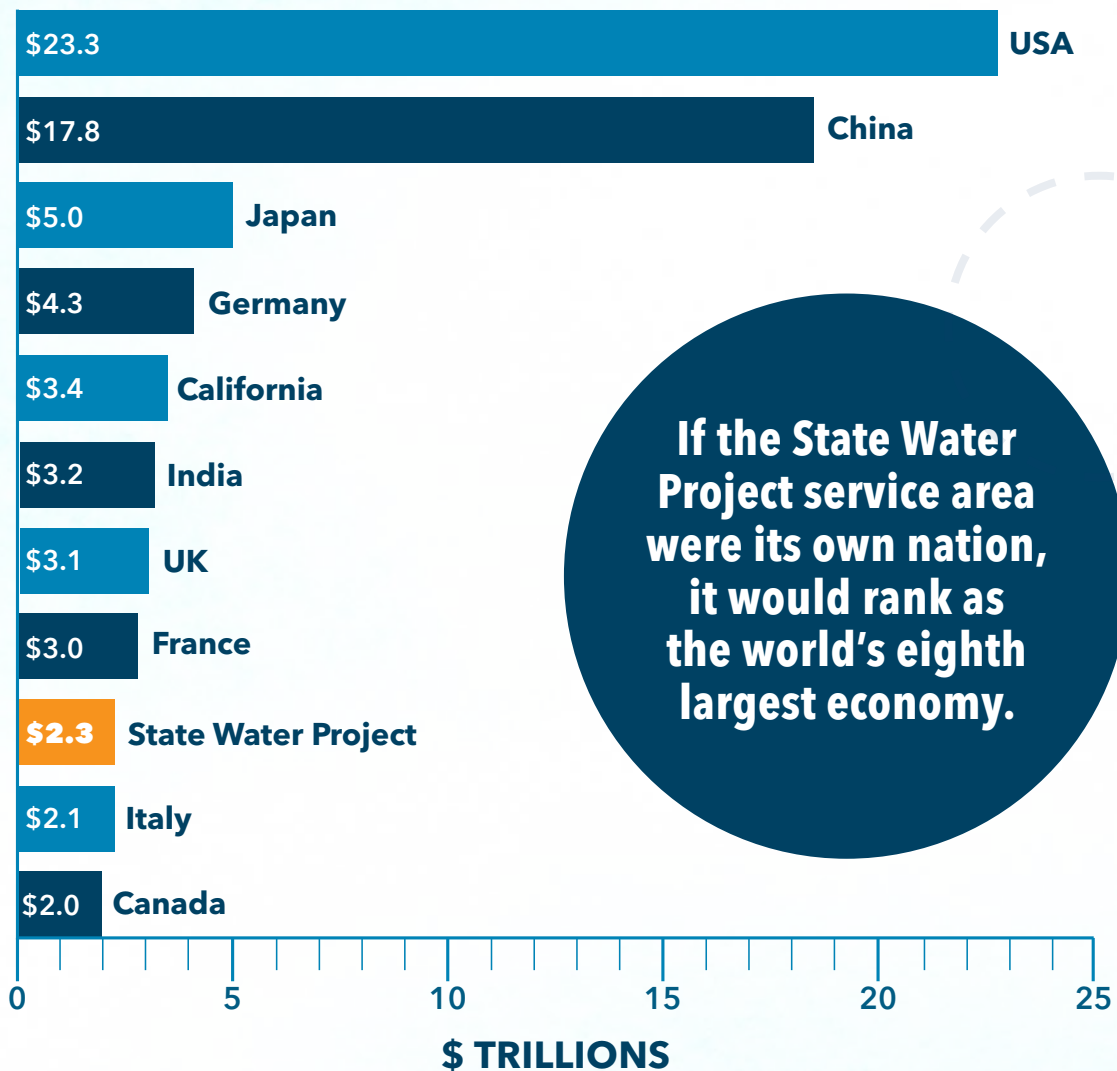
The California State Water Project

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.





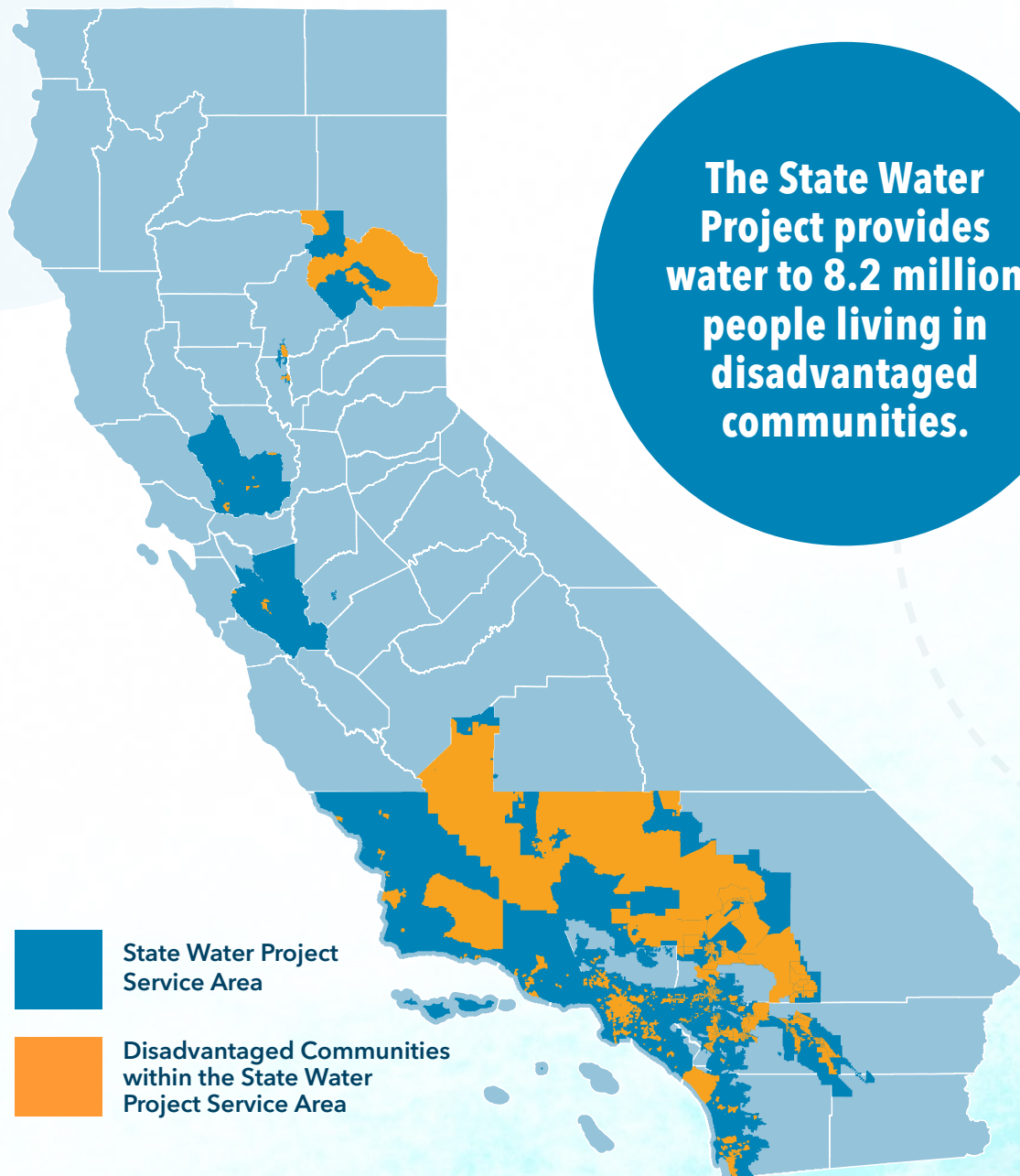
Economy ranking bar chart

- 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.

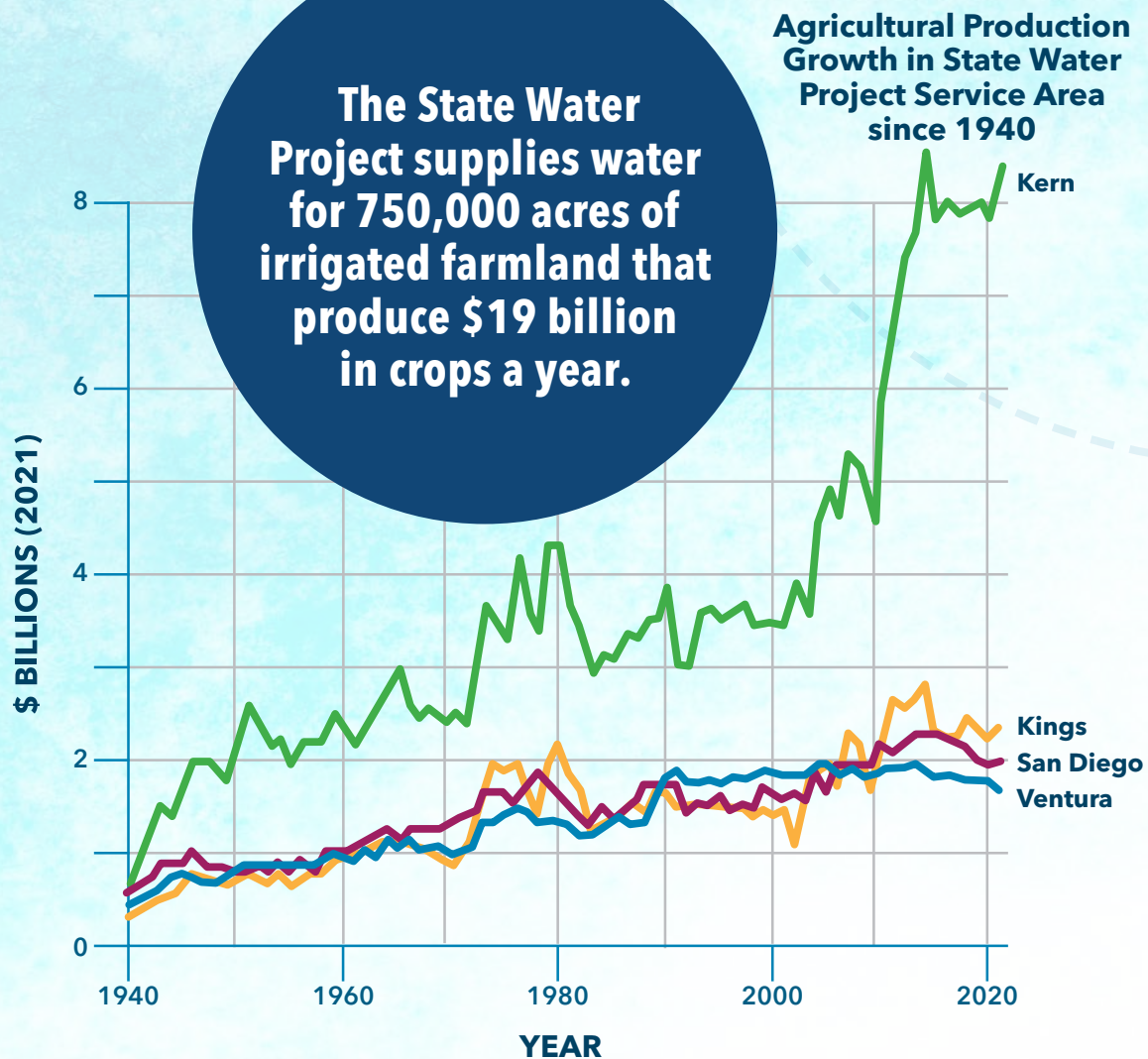


- The State Water Project supports an economy that provides 8.7 million full-time jobs, contains 800,000 businesses, and employs 160,000 farmworkers.
- Median household income has grown in all regions served by the State Water Project since 1960. Household income increased by 25% in rural regions where 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 farmworkers 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.



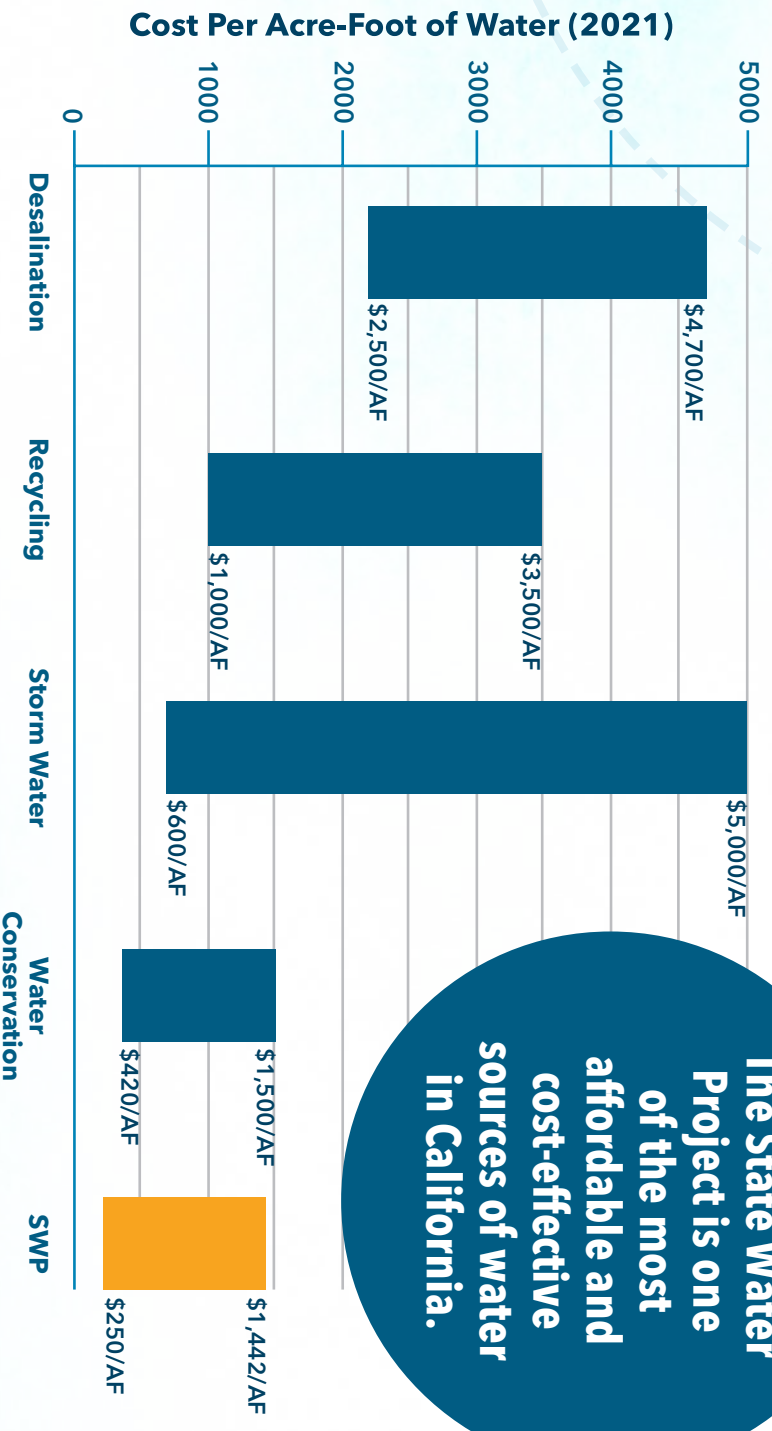
Map shows disadvantaged communities within State Water Project Service Area

- 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.
- 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 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 Counties 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 State Water Project is one of the most affordable and cost-effective sources of water in California.



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.

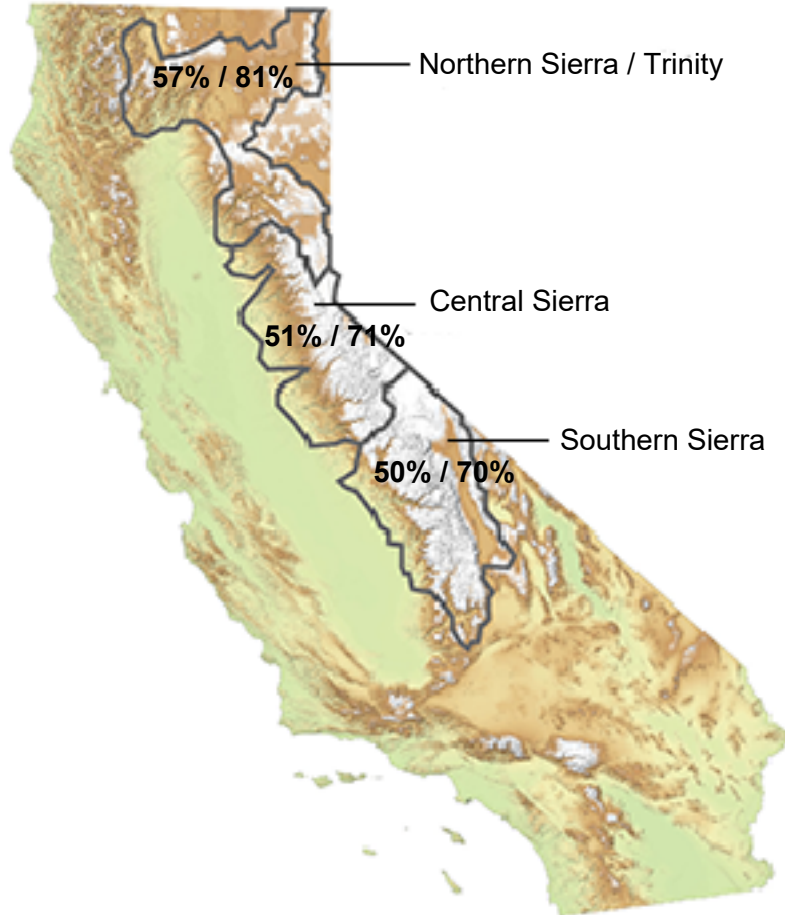




STATEWIDE SNOW WATER CONTENT

CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

% of April 1 Average / % of Normal for This Date



NORTH

Data as of February 13, 2024

| | |
|--|------|
| Number of Stations Reporting | 25 |
| Average snow water equivalent (Inches) | 16.3 |
| Percent of April 1 Average (%) | 57 |
| Percent of normal for this date (%) | 81 |

CENTRAL

Data as of February 13, 2024

| | |
|--|------|
| Number of Stations Reporting | 50 |
| Average snow water equivalent (Inches) | 13.8 |
| Percent of April 1 Average (%) | 51 |
| Percent of normal for this date (%) | 71 |

SOUTH

Data as of February 13, 2024

| | |
|--|------|
| Number of Stations Reporting | 26 |
| Average snow water equivalent (Inches) | 11.1 |
| Percent of April 1 Average (%) | 50 |
| Percent of normal for this date (%) | 70 |

STATE

Data as of February 13, 2024

| | |
|--|------|
| Number of Stations Reporting | 101 |
| Average snow water equivalent (Inches) | 13.7 |
| Percent of April 1 Average (%) | 52 |
| Percent of normal for this date (%) | 73 |

Statewide Average: 52% / 73%

Data as of February 13, 2024

CALIFORNIA LEGISLATURE
ROSILICIE OCHOA BOGH
STATE SENATOR
STATE CAPITOL
SACRAMENTO, CA 95814

1000 89223622236



FIRST-CLASS



US POSTAGE IMPITNEY BOWES



ZIP 92374 \$ 000.64⁰
02 7H
0006137771 FEB 01 2024

Dan Jagers
560 Magnolia Avenue
Beaumont CA 92223



SENATOR ROSILICIE OCHOA BOGH

Dear Dan:

Just a note to thank you for your participation in my Riverside County Infrastructure Discussion. I appreciated your candid comments about important issues in your industry and look forward to sharing the information with my constituents.

I hope we have an opportunity to work together again. In the meantime, please don't hesitate to contact my office if I or my staff can be of assistance to you on any state-related matter.

Sincerely,

A handwritten signature in blue ink, appearing to be "Rosilicie Ochoa Bogh".

ROSILICIE OCHOA BOGH
Senator, 23rd District

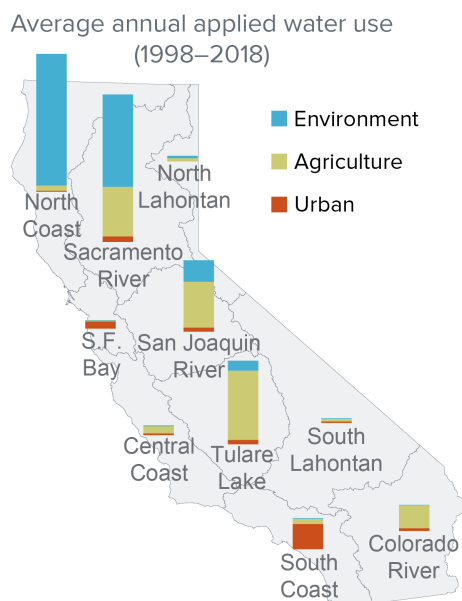
Water Use in California

Jeffrey Mount, Ellen Hanak,
and Caitlin Peterson

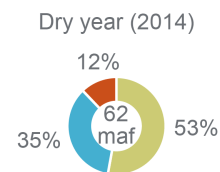
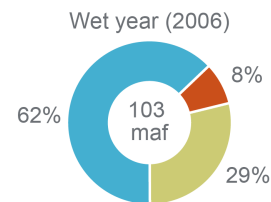
California measures water use across three main sectors.

- ▶ On average, communities use 10% of water statewide, agriculture uses 40%, and the environment uses 50%. These proportions vary depending on the region and whether the year is wet or dry.
- ▶ State accounting of water for the environment includes some water used for people, notably the water dedicated to keeping the Sacramento–San Joaquin Delta fresh enough for municipal and farm use.
- ▶ Some of the water used by each sector returns to rivers and groundwater basins, where it can be used again.

Water use varies dramatically across regions and between wet and dry years



Statewide applied water use, millions of acre-feet (maf)



Source: Department of Water Resources.

Note: Data for 2017 were not available.

Total urban water use has plateaued, even as the population has grown.

- ▶ Water use by urban, suburban, and rural communities—also known as urban water use—is highest in the San Francisco Bay Area and the South Coast; both regions rely primarily on water imported from elsewhere.
- ▶ Per-capita water use has been steadily falling, even before the 2012–16 drought made conservation a major priority. In severely affected areas, the 2020–22 drought resulted in [large additional declines](#).
- ▶ Total urban use has plateaued, even though California's population grew by 5.5 million from 2000–20.
- ▶ Initial water savings came mainly from more efficient indoor plumbing and fixtures; more recent efforts have also focused on reducing outdoor use, which accounts for nearly half of all urban use.

Agricultural water use has changed little, while the value of production has grown.

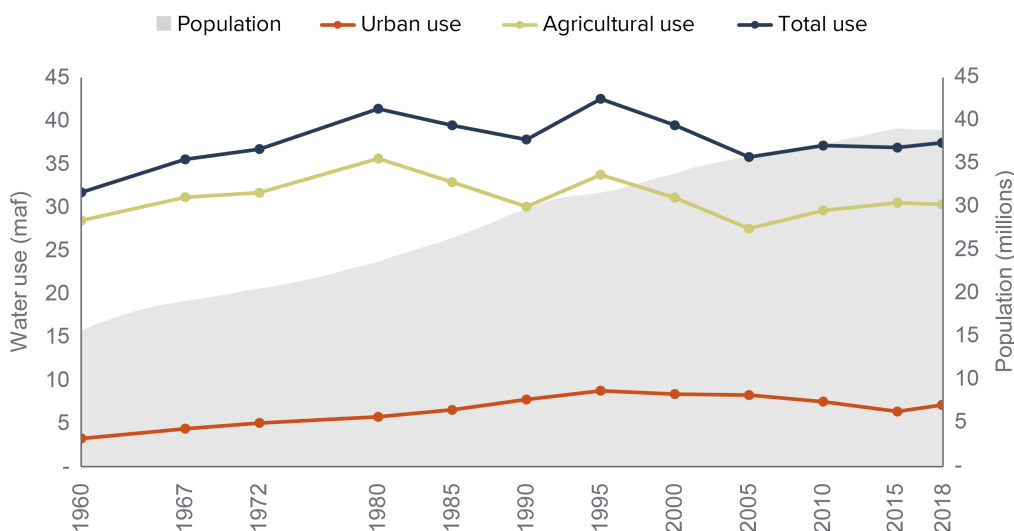
- ▶ California has 8.5 million acres of irrigated cropland. Perennial fruit and nut crops' share (led by almonds) has increased, up from roughly a quarter of irrigated acreage in 2000 to nearly half in 2018. In the San Joaquin Valley, perennials [cover over 60%](#) of irrigated acreage.
- ▶ Although irrigated acreage and farm water use have not grown, the value of agricultural output has been rising, reflecting the shift toward perennials. Adjusted for inflation, farm GDP was 23% higher in 2018 than in 1980, while farm water use was 15% lower.

- ▶ Farms use both surface water—sometimes imported across long distances—and groundwater. Groundwater use increases in dry years, when surface supplies are lower.

Environmental water supports people and ecosystems in a variety of settings.

- ▶ Environmental water supports natural infrastructure that is important to people and freshwater biodiversity. Water use by the environment falls under four categories: wild and scenic rivers, instream ecosystem use, water quality maintenance for communities and farms, and wetlands within wildlife preserves.
- ▶ The environment's share of water use varies dramatically by region. The majority (63%) occurs in wild and scenic rivers, primarily in the north of the state.
- ▶ In wet years, environmental water makes up a larger share of available water (61%) than in dry years (41%); in critically dry years it can plummet. The damage to ecosystems and species can take years to repair.

The amount of water used by communities and farms peaked in the mid-1990s



Sources: Water use: *California Water Plan Updates* (Department of Water Resources, various years). Population: Department of Finance. Notes: The figure shows “applied” water delivered to homes and businesses. “Net” water use—i.e., the volume consumed by people or plants, embodied in manufactured goods, evaporated, or discharged to saline waters—is lower. Totals exclude water used by power plants and groundwater recharge projects and water lost during conveyance. Estimates are for water years (October to September). Pre-2000 estimates are adjusted to levels for a year of normal rainfall. Except for 2015 (a critically dry year), estimates from 2000 onward are for actual use in years with near-normal precipitation.

Drought and SGMA will impact future water use.

- ▶ Cities avoided major supply disruptions in the 2012–16 and 2020–22 droughts, reflecting long-term investments in supplies and demand management. Small communities that depend on wells are much more vulnerable during droughts, when groundwater levels fall.
- ▶ Groundwater is a key drought reserve for agriculture, but long-term overpumping threatens this resource. The 2014 Sustainable Groundwater Management Act requires pumpers to reach sustainability by the early 2040s.
- ▶ SGMA will cause farm water use to fall, especially in critically overdrafted basins. Efforts to augment supply (e.g., through groundwater recharge) and flexible water trading rules [can lessen the economic impacts](#).
- ▶ Droughts hit the environment hard. [Allocating a portion of supplies](#) to the environment—rather than managing for restrictive minimum flow requirements—could help improve freshwater ecosystems’ health.

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See related fact sheets: [“Water Use in California’s Agriculture,”](#) [“Water Use in California’s Communities,”](#) and [“Water Use in California’s Environment.”](#)

Sources: CA Department of Finance (population); CA Department of Water Resources (water use); Escriva-Bou et al. [“The Future of Agriculture in the San Joaquin Valley”](#) (PPIC 2023); Escriva-Bou, Rosser, and Hanak [“How Are California’s Cities Managing the Drought?”](#) (PPIC Blog); Mount et al. [“Managing Drought in a Changing Climate”](#) (PPIC 2018); Null et al. [“Storing Water for the Environment”](#) (PPIC 2022).



SANTA ANA WATERSHED PROJECT AUTHORITY STARTS CLOUD SEEDING PILOT PROGRAM

California Water News Daily January 11, 2024

The Santa Ana Watershed Project Authority (SAWPA) conducted the first cloud seeding events of the Santa Ana River Watershed Weather Modification Pilot Program during recent storms in late December and early January. The Pilot Program, launched in November 2023, is intended to evaluate the effectiveness of enhancing local water supplies through cloud seeding in the region. If shown to be effective, cloud seeding can enhance the watershed resilience of the Santa Ana River Watershed by increasing snow and rainfall from storms by 5-15 percent in targeted areas.

The Santa Ana River Watershed, spanning portions of Riverside, San Bernardino, and Orange Counties, plays a vital role in supporting diverse ecosystems, providing water resources, and offering recreational opportunities to millions of residents. Recognizing the importance of enhancing and preserving this valuable natural resource, SAWPA initiated the Pilot Program to provide an additional source of water supply to adapt to the impacts of climate change risks and help sustain the health of the watershed.

SAWPA collaborated closely with local water agencies, government agencies, and community stakeholders on planning and implementing the 4-year Pilot Program targeting areas across the watershed. The cloud seeding program involves the release of silver iodide particles from ground-based units during storm events

to increase ice and snow formation in clouds resulting in additional precipitation. Cloud seeding was performed during three storms during the last week of December and first week of January.

Over a 4-year period, cloud seeding will be validated as a tool in advancing water supply reliability for the region by enhancing our local supplies. The additional water produced through cloud seeding would support natural habitat and be captured by existing stormwater infrastructure that is critical to recharging local groundwater aquifers used for water supply.

“These initial cloud seeding events represent a milestone for the Santa Ana River Watershed Weather Modification Pilot Program,” said Jeff Mosher, General Manager for SAWPA. “The program underscores the commitment of SAWPA to evaluate new local water supplies. If proven viable through this pilot study, cloud seeding could help support a more sustainable future for the environment and communities in the Santa Ana River Watershed.”

The Pilot Program is a 4-year evaluation and validation effort that will allow SAWPA to investigate the increase in water supply from cloud seeding and the potential benefits for the region. SAWPA will monitor and evaluate the program’s implementation, ensuring that the efforts align with the project’s objectives and the needs of the region.

For more information about the Pilot Program and SAWPA’s ongoing initiatives, please visit <http://sawpa.gov> or contact us at weathermodification@sawpa.gov.