



BEAUMONT-CHERRY VALLEY WATER DISTRICT
560 Magnolia Avenue, Beaumont, CA 92223

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

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

Thursday, November 21, 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=SXlzMFZCMGh0YTFlL2tnUGlpU3h0UT09>

*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 on the video call when
prompted. If dialing in, 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.
Members of the Public are not required to provide identifying information in
order to attend public meetings. Through the link above, the Zoom platform
requests entry of a name and email address, and BCVWD is unable to
modify this requirement.*

Meeting materials are available on the BCVWD’s website:

<https://bcvwd.gov/document-category/regular-board-agendas/>

SPECIAL MEETING
BCVWD ENGINEERING WORKSHOP – NOVEMBER 21, 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 and Introduction of Staff Members Present

Roll Call - Board of Directors

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

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. Presentation: Completion of the Automated Meter Reading / Advanced Meter Infrastructure (AMR/ AMI) project** (pages 5 - 9)
- 3. Proposed Amendments to Bylaws of the Association of California Water Agencies (ACWA)** (pages 10 - 46)

SPECIAL MEETING
BCVWD ENGINEERING WORKSHOP – NOVEMBER 21, 2024

4. **Authorization for the General Manager to enter a Six-Month Contract Extension for Social Media and Public Relations Services with Consultant CV Strategies** (pages 47 - 72)
5. **Resolution 2024-__**: Acknowledging the Review, Receipt and Acceptance of the Water Supply Assessment and Consideration of Will-Serve Letter for the Proposed 14201 California Avenue Industrial Project located south of 1st Street and west of Highway 79 (pages 73 - 176)

6. 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.

- b. Directors' General Comments
- c. General Manager's Report (page 177 - 192)
- d. Legal Counsel Report

7. Topic List for Future Meetings

	Item requested	Date of request	Requester
A	Presentation on the San Bernardino Valley Resource Conservation District	7/13/22	
B	Presentation on solar power opportunities	12/14/22	Ramirez
C	Sites Reservoir update	2/23/23	
D	Operations Center update (before the end of 2024)		Williams
E	Update on the Sustainable Groundwater Management Act (SGMA)	11/13/24	Covington

8. Announcements

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

- District offices will be closed Thursday, Nov. 28 in observance of Thanksgiving Day
- Beaumont Basin Watermaster Committee: Wednesday, Dec. 4 at 11 a.m.
- Finance & Audit Committee meeting: Thursday, Dec. 5 at 3 p.m.
- Regular Board meeting: Wednesday, Dec. 11 at 6 p.m.
- District Offices will be closed on the following holidays:
 - Wednesday, Dec. 25 for Christmas Day
 - Wednesday, Jan. 1, 2025 for New Year's Day

SPECIAL MEETING
BCVWD ENGINEERING WORKSHOP – NOVEMBER 21, 2024

9. 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

10. Report on Action Taken During Closed Session

11. 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: <https://bcvwd.gov/>. (GC 54957.5)

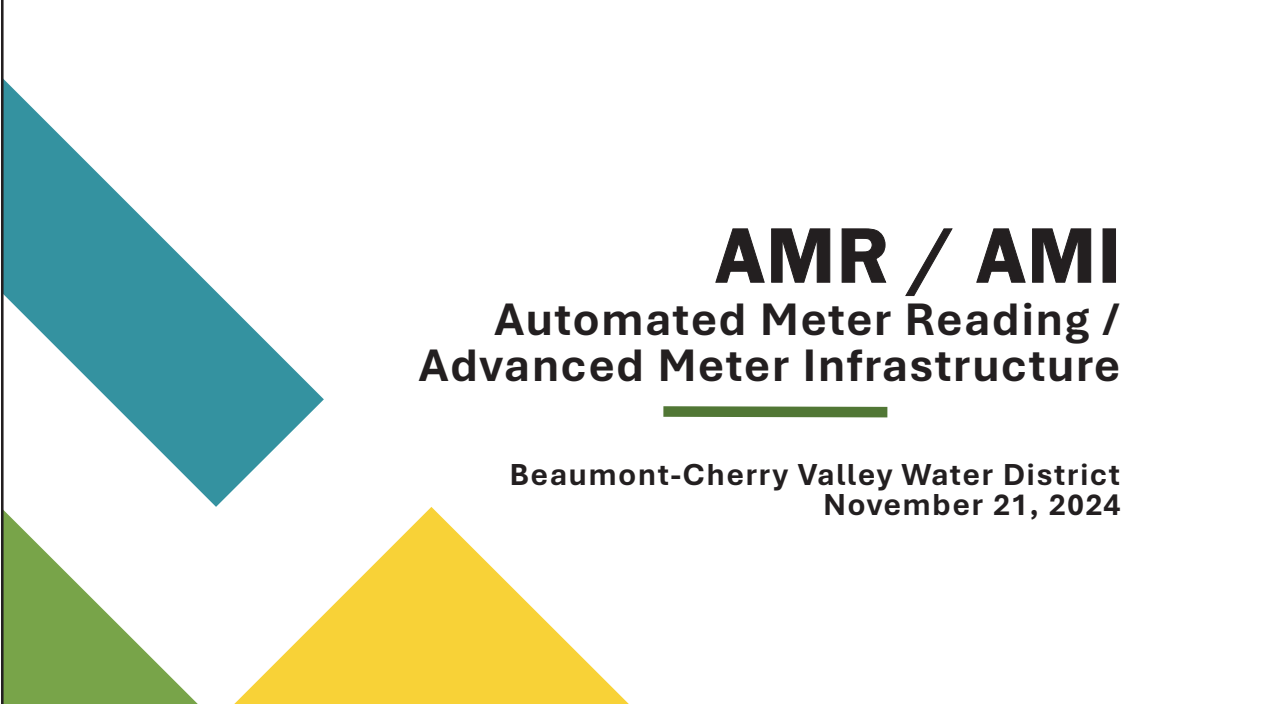
REVISIONS TO THE AGENDA - In accordance with §54954.2(a) of the Government Code (Brown Act), revisions to this Agenda may be made up to 24 hours before the Board Meeting, if necessary, after mailings are completed. Interested persons wishing to receive a copy of the set Agenda may pick one up at the District's Main Office, located at 560 Magnolia Avenue, Beaumont, California, up to 24 hours prior to the Board Regular Meeting.

REQUIREMENTS RE: DISABLED ACCESS - In accordance with Government Code §54954.2(a), and the Americans with Disabilities Act (ADA), 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. Notification of at least 48 hours in advance of the meeting will generally enable staff to make reasonable arrangements to ensure accessibility. The Office may be contacted by telephone at (951) 845-9581, email at info@bcvwd.gov 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 24 hours in advance of the special meeting (Government Code §54954.2(a)).

Item 2



AMR / AMI

Automated Meter Reading / Advanced Meter Infrastructure

Beaumont-Cherry Valley Water District
November 21, 2024

1



Staff

Teamwork makes the dream work

- Finance Department: Sylvia Molina, William Clayton, Sandra Delgadillo
- Engineering Department: Mark Swanson
- Operations Department: James Bean
- IT Department: Robert Rasha

Mission Accomplished

2



3

An upgrade to modern technology

Automated Meter Reading (AMR) / Advanced Meter Infrastructure (AMI)

Transitioning from manual meter reading to a high-tech AMI system

- Timeline:** Began in 2015 with significant phases from 2019 to 2024
- Objective:** Modernize metering to reduce water loss, save costs, and improve service efficiency

Key Points:

- This initiative supports BCVWD's commitment to operational efficiency.

4

Implementation timeline

- Project identified in the 2015 Capital Improvement Plan
- **Phase 1 (2019-2023):** Replace residential meters with AMR
- **Phase 2 (2023-2024):** Replace commercial / industrial / large meters
- **Phase 3 (2023-2024):** Full AMI conversion and licensing
- **Key Points:**
 - Gradual phases ensured budget adherence and efficient meter replacement.
 - COVID-19 challenges delayed the project, with completion in April 2024.

5

System Capabilities

Meter communication

Enabling real time remote reading and remote management

Efficiency gains: Reduces the need for manual data collection

Data insights: Provides frequent, high-resolution data, enabling proactive maintenance and better water management for District staff and customers

6

Operational Impact and Benefits

This is a powerful tool in efficiency for the District:

- **Labor Savings:** Reduced from 8 staff for two weeks to 1 staff member for about a week for residual manual reads
- **Efficiency gains:** Reduced fuel costs, time saved on route drives, savings on vehicle maintenance

The AMI system frees up staff for more critical tasks, enhancing operational flexibility.

7

\$5.7 million budget

Offset by a \$1.5 million grant

Completion costs were reduced as staff handled Phase 3 instead of contracting it out.

COVID-19 affected material availability, slightly extending the project.

- **Water Loss Reduction:** Projected savings up to 927 acre-feet annually
- **Installation:** Achieved an average of 113 meters per month.
- **Metering:** Out of 21,971 meters, 21,824 are now AMI compatible, with only 147 manually read
- **Improved** monitoring and early leak detection capabilities benefit both BCVWD and customers

**Cost Savings
and
Measurable
Outcomes**

8

Long-term benefits for both BCVWD and the community



- **Enhanced Accuracy:** More accurate billing and water usage monitoring.
- **Proactive Maintenance:** Ability to address issues before they escalate.
- **Customer Empowerment:** Improved leak detection and customer education tools.
- **Significant strides** toward water conservation and efficient resource use in the community.

9

Questions?

10



**Beaumont-Cherry Valley Water District
Regular Board Meeting
November 21, 2024**

Item 3

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: **Proposed Amendments to Bylaws of the Association of California Water Agencies (ACWA)**

Staff Recommendation

Consider support or opposition to the proposed ACWA bylaws amendments and direct the Authorized Voting Representative to cast a vote at the ACWA Fall Conference.

Executive Summary

BCVWD is a member of the Association of California Water Agencies and regularly participates in the voting process. At the Membership Meeting to be held December 4, 2024, proposed amendments to ACWA's bylaws are being considered, and will require a formal vote of the membership. A table of the proposed bylaw revisions is herewith as Attachment 2. The Proposed Amended and Restated Bylaws are herewith as Attachment 3.

Background

ACWA is a statewide coalition of public water agencies with a mission to provide comprehensive leadership, advocacy, and resources for California public water agencies to ensure a high quality and reliable water supply in an environmentally stable and fiscally responsible manner. ACWA is governed by a 37-member board of directors that includes representation from public member agencies across the state.

The District's Voting Delegate to ACWA is President Covington, with Alternate Vice President Slawson as approved by the Board with the Annual List of Preapproved Events on January 10, 2024. Since VP Slawson will be attending the ACWA Fall Conference where voting will take place, he is authorized to cast the vote as determined by the Board. Should neither VP Slawson nor President Covington be able to attend the Fall Conference, the Board may appoint another Voting Representative now. The deadline for submittal of the Authorized Voting Representative Form to ACWA is November 25, 2024.

Discussion

ACWA maintains bylaws which set rules and procedures for the organization. The Proposed Bylaw changes generally include:

- Additional roles and procedures relating to the Vice President
- Clarification for situations warranting a closed session topic
- Incorporating references to the Code of Conduct Policy and removing redundant language
- Clarification for the Participation of Past Presidents
- Addition of language regarding the process for actions by written ballot.

Attachments

1. ACWA Memorandum dated October 8, 2024 (includes instructions for voting)
2. ACWA Proposed Amendments to the Bylaws
3. Proposed Amended and Restated Bylaws

Via U.S. Mail and Electronic Mail

TO: ACWA Member Agency Board Presidents and General Managers
CC: ACWA Board of Directors
FROM: Dave Eggerton, ACWA Executive Director
DATE: October 8, 2024
SUBJECT: Notice of Membership Meeting — December 4

A Membership Meeting will be held at ACWA's 2024 Fall Conference & Expo to conduct a vote by the membership on proposed Amended and Restated Bylaws of the Association of California Water Agencies. The in-person meeting will be held on **Wednesday, December 4 at 1:30 p.m.** at the Main Stage in the Springs Ballroom F & G at the JW Marriott Desert Springs Resort & Spa, Palm Desert.

Each member agency is entitled to one vote that will be cast by its authorized voting representative. Member agencies must designate their voting representative and alternate by submitting the attached Voting Representative Form by **Monday, November 25.**

Important Next Steps

1. **Designate your voting representative:** Fill out the attached Voting Representative Form by Monday, November 25.
2. **Review the proposed Amended and Restated Bylaws:** These are available online at www.acwa.com.
3. **Have your designated voter pick up their keypad:** During ACWA's Fall Conference & Expo, have your designated voter go to the ACWA Membership Meeting Check-in Desk on **Wednesday, December 4, between 9 a.m. and noon** to sign in and pick up their voting keypad. If your voting representative does not get a keypad by noon, they will not be able to vote. ACWA staff will also be available at the desk to answer questions.
4. **Have your designated voter attend the Membership Meeting:** Make sure your designated voter takes their keypad to the Membership Meeting on December 4 at 1:30 p.m. The voting representative must be present to vote.

More information on the proposed Amended & Restated Bylaws, voting process and next steps is available at www.acwa.com. If you have any questions regarding the proposed Amended and Restated Bylaws or the voting process, please contact Senior Clerk of the Board Donna Pangborn at 916-669-2425 or donnap@acwa.com.



Attachments (Also see website [link](#) for these materials.):

1. Authorized Voting Representative Form
2. Proposed Amendments to ACWA's Bylaws Table
3. Proposed Amended and Restated Bylaws (redline version)
4. Proposed Amended and Restated Bylaws (clean version)

Amendment 1: ARTICLE 3, Officers

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 3.01. (c) Vice President. The vice president shall, in the absence of the president, assume all of the duties of that office and, if a vacancy occurs, succeed thereto for the unexpired term. The vice president shall sit as a member of the Executive Committee of the ACWA Joint Powers Authority and shall perform such other duties as assigned by the president.</p>	<p>Section 3.01. (c) Vice President. The vice president shall, in the absence of the president, assume all of the duties of that office and, if a vacancy occurs, succeed thereto for the unexpired term. The vice president shall sit as a member of the Executive Committee of the ACWA Joint Powers Insurance Authority and shall perform such other duties as assigned by the president. <u>The vice president shall be a non-voting, ex officio member of each committee, but shall not be an ex officio member of the Election Committee or the region boards.</u></p> <p><u>The vice president may be expelled from office with or without cause, upon the satisfaction of the following two events: (1) a two-thirds vote of the Board of Directors; and (2) a subsequent simple majority vote of the members of the Association during a meeting of the membership.</u></p>	<p>Amendment to add these provisions to the Vice President position, similar to Section 3.01(b) to provide procedural consistency to the two Board Officer positions.</p>

Note: Green text throughout this document reflects edits recommended by the Legal Affairs Committee (LAC) Workgroup in response to its review and analysis of the proposed amendments to the Bylaws, consistent with Section 9.09 of ACWA's Bylaws. The ACWA Board included the LAC Workgroup's recommended edits as part of its recommendation to the members.



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 2: ARTICLE 4, Board of Directors

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 4.07. Quorum. At any meeting of the Board of Directors, the attendance of 50 percent of the voting members of the Board of Directors, or their permitted alternates as specified in these bylaws, shall constitute a quorum for the transaction of any business. The Board may hold a closed session for discussion of personnel matters or enforcement of violations of the code of conduct.</p>	<p>Section 4.07. Quorum. At any meeting of the Board of Directors, the attendance of 50 percent of the voting members of the Board of Directors, or their permitted alternates as specified in these bylaws, shall constitute a quorum for the transaction of any business. The Board may hold a closed session for discussion of personnel matters; enforcement of violations of the code of conduct; <u>pending or anticipated litigation or other legal matters, including, but not limited to, considering whether to file or join in an amicus brief; real property negotiations and discussions; and other confidential matters as determined by the Board to the extent permitted by applicable law.</u> (See Board Policy 2.1.8.3.)</p>	<p>Amendment to clarify the scope of issues that can be addressed by the Board in closed session.</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 3, ARTICLE 3, Board of Directors

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 4.12. Code of Conduct of Board Members.</p> <p>(a) Code of Conduct Purpose and Adoption. The Board of Directors shall establish, and update as appropriate, a code of conduct for its Directors that recognizes the Association's commitment of integrity, respect, and fair representation to its members and the public they serve and establishes minimum ethical standards for the performance of the duties of office. The code shall be consistent with the procedural processes contained in this section. The code shall be distributed to all new Directors and shall be distributed annually to all members of the Association.</p>	<p>Section 4.12. Code of Conduct of Board Members.</p> <p>(a) Code of Conduct Purpose and Adoption. The Board of Directors shall establish, and update as appropriate, a code of conduct for its Directors that recognizes the Association's commitment of integrity, respect, and fair representation to its members and the public they serve and establishes minimum ethical standards for the performance of the duties of office. The code shall be consistent with the procedural processes contained in this section. (See Code of Conduct Policy, Board Policy Manual, Policy No. GO-2.1A). The code shall be consistent with the procedural processes contained in the Code of Conduct Policy (See sections 2.1.3A and 2.1.4A of Policy No. GO-2.1A of the Board Policy Manual.) The code shall be distributed to all new Directors and shall be distributed annually to all members of the Association.</p>	<p>Amendment to reflect consistency with recently adopted Board Policy GO-2.1A Code of Code and to delete reference to the Legal Affairs Committee Chair in Section 4.12(b). Amendment reflects deletion to this text to be less prescriptive due to the details in Board Policy GO-2.1A.</p>

Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 3 (cont'd), ARTICLE 3, Board of Directors

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 4.12. Code of Conduct of Board Members.</p> <p>(b) Violations and Enforcement Process. A violation of the code of conduct may result in removal, public censure, or private reprimand of a Director, or such other action as contained in the code of conduct. However, removal and public censure shall be reserved only for serious violations. A Director may not be removed or publicly censured absent an affirmative vote of two-thirds of the voting members of the Board of Directors. A Director may be privately reprimanded for a violation of the code of the code of conduct upon the majority vote of the quorum. Complaints of violation of the code of conduct may be filed with the president, or the vice-president if the allegations are made against the president. The president may refer a complaint of violation to the executive director/secretary for investigation. The executive director/secretary may retain a special investigator or special counsel to conduct or assist the investigation. A Director accused of a violation shall be provided a</p>	<p>Section 4.12. Code of Conduct of Board Members.</p> <p>(b) Violation and Enforcement Process. A violation of the code of conduct may result in removal, public censure, or private reprimand of a Director, or such other action as contained in the code of conduct. However, removal and public censure shall be reserved only for serious violations. A Director may not be removed or publicly censured absent an affirmative vote of two-thirds of the voting members of the Board of Directors. A Director may be privately reprimanded for a violation of the code of conduct upon the majority vote of the quorum. Complaints of violation of the code of conduct may be filed with the president, or the vice-president if the allegations are made against the president. The president may refer a complaint of violation to the executive director/secretary for investigation. The executive director/secretary may retain a special investigator or special counsel to conduct or assist the investigation. A Director accused of a violation shall be provided a</p>	<p>Amendment to reflect consistency with recently adopted Board Policy GO-2.1A Code of Code and to delete reference to the Legal Affairs Committee Chair in Section 4.12(b). Amendment reflects deletion to this text to be less prescriptive due to the details in Board Policy GO-2.1A.</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 4, Article 6, Executive Committee

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 6.02 Powers. Personnel.</p> <p>(a) Subject to the budget adopted by the Board of Directors, the Executive Committee shall perform the following personnel actions: (1) recommend compensation for the executive director/secretary to the Board of Directors for approval; (2) perform annual reviews of executive director/secretary and submit that review to the Board of Directors; (3) review and approve the classification and compensation plan and publicly posted salary schedule for Association employees submitted by the executive director/secretary, which shall be reviewable by the Board of Directors, in closed session, upon request of the Board of Directors;</p> <p>...</p>	<p>Section 6.02 Powers. Personnel.</p> <p>(a) Subject to the budget adopted by the Board of Directors, the Executive Committee shall perform the following personnel actions: (1) recommend compensation for the executive director/secretary to the Board of Directors for approval; (2) perform annual reviews of the executive director/secretary and submit that review to the Board of Directors; (3) review and approve the classification and compensation plan and publicly posted salary schedule for Association employees submitted by the executive director/secretary, which shall be reviewable <u>approved</u> by the Board of Directors, in closed session, upon request of the Board of <u>Directors</u>;</p> <p>...</p>	<p>Amendment to clarify that the ACWA Board is the approving authority for the public salary schedule, as required by CalPERS. The Executive Committee will review and make a recommendation to the Board.</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 5, ARTICLE 8, Special Council, Committees, and Task Forces

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 8.01 Council of Past Presidents. There shall be a Council of Past Presidents composed of all past presidents of the Association who serve on the council until each is no longer able to or wishes to serve. The council shall provide a mechanism for past presidents to continue to make valuable contributions to the Association. With approval of the Board of Directors, the president and/or executive director/secretary may assign specific responsibilities to the council from time to time. Members of the Council of Past Presidents are invited to attend and participate in the Association's Board meetings.</p>	<p>Section 8.01 Council of Past Presidents. There shall be a Council of Past Presidents composed of all past presidents of the Association who serve on the council until each is no longer able to or wishes to serve. The council shall provide a mechanism for past presidents to continue to make valuable contributions to the Association. With approval of the Board of Directors, the president and/or executive director/secretary may assign specific responsibilities to the council from time to time. Members of the Council of Past Presidents are invited to attend and participate in the Association's Board <u>and Executive Committee meetings, including attending closed sessions. With the exception of the immediate past president, members of the Council of Past Presidents are non-voting.</u></p>	<p>Amendment to clarify that Past Presidents are non-voting representatives on ACWA's Board and Executive Committee with the ability to participate in the full range of activities, including closed session.</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 6, ARTICLE 8, Special Council, Committees, and Task Forces

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 8.02 Election Committee.</p> <p>(b) Qualification. In order to serve on the Election Committee, an individual must be an officer, employee, or member of the governing body of a member agency of the Association, or other representative duly designated by a member agency of the Association to represent that member at the time of the appointment. Where an individual ceases to meet these criteria during the election cycle, the individual may not continue to serve. When the disqualified member represented a Region Board, the affected Region Board shall select a replacement representative. When the disqualified member represented the President, the President shall select an alternate representative.</p>	<p>Section 8.02 Election Committee.</p> <p>Qualification. In order to serve on the Election Committee, an individual must be an officer, employee, or member of the governing body of a member agency of the Association, or other representative duly designated by a member agency of the Association to represent that member at the time of the appointment. <u>Past presidents, who are Honorary Life Members of the Association, may also serve on the Election Committee without meeting stated qualifications unless otherwise disqualified.</u> Where an individual ceases to meet these criteria during the election cycle, the individual may not continue to serve. When the disqualified member represented a Region Board, the affected Region Board shall select a replacement representative. When the disqualified member represented the President, the President shall select an alternate representative.</p>	<p>Amendment to allow unaffiliated Past Presidents to serve on the Election Committee without meeting the stated criteria since they are Honorary Life Members of the Association.</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 7, ARTICLE 9, Meetings of Members

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 9.06 Voting. Each member of the Association in good standing at the time of the annual or special meeting shall be entitled to one vote that shall be cast by its authorized representative. Each member must designate its authorized representative prior to the annual or special meeting. It is the member's responsibility to designate or update its authorized representative as needed. The Association may confirm with any member the identity of that authorized representative for the purpose of casting ballots in any election of president and vice president. All questions, except amendments or revisions of these bylaws, shall be determined by a majority of the members present and voting. A roll call may be requested by any authorized representative.</p>	<p>Section 9.06 Voting. Each member of the Association in good standing at the time of the annual or special meeting shall be entitled to one vote that shall be cast by its authorized representative. Each member must designate its authorized representative prior to the annual or special meeting. It is the member's responsibility to designate or update its authorized representative as needed. The Association may confirm with any member the identity of that member's authorized representative for the purpose of casting ballots in any election of president and vice president, <u>amendments to these Bylaws, or other Association business that requires a vote.</u> All questions, except amendments or revisions of these bylaws, shall be determined by a majority of the members present and voting. A roll call may be requested by any authorized representative.</p>	<p>Amendment to expand this language to cover additional actions where an authorized representative will need to be confirmed for the purposes of casting a ballot (see newly added Section 9.15).</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 8, ARTICLE 9, Meetings of Members

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 9.08 Quorums. The presence of the authorized representative of 50 members of the Association at any meeting of the members shall constitute a quorum for transacting business. Written ballots timely received from the authorized representative of 50 members shall constitute a quorum for elections of president and vice president.</p>	<p>Section 9.08 Quorums. The presence of the authorized representatives of <u>at least 50 members</u> of the Association at any meeting of the members shall constitute a quorum for transacting business. Written ballots timely received from the authorized representative of 50 members shall constitute a quorum for elections of president and vice president. <u>Actions taken by written ballot shall require the timely receipt of the written ballot from the authorized representatives of at least 50 members to constitute a quorum.</u></p>	<p>Amendment to clarify the written ballot quorum language to cover other actions besides the elections of president and vice president (see newly added Section 9.15)</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 9, ARTICLE 9, Meetings of Members

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 9.11. Election of President and Vice President. Each member of the Association in good standing at the time a vote is cast for election of the president and vice president shall be cast by its authorized representative by written ballot. The ballot and any related material may be sent by first class, registered, or certified mail or electronic transmission by the Corporation that meets the requirements of Corporations Code section 20, and responses may be returned to the Corporation by mail or electronic transmission. On any written ballot for the election of president or vice president, an authorized representative acting on behalf of the member may write in a qualified candidate for election.</p>	<p>Section 9.11. Election of President and Vice President. Each member of the Association in good standing at the time a vote is cast is entitled to one vote for election of the president and vice president that shall be cast by its authorized representative by written ballot. The ballot and any related material may be sent by first class, registered, or certified mail or electronic transmission by the Corporation that meets the requirements of Corporations Code section 20, and responses may be returned to the Corporation by mail or electronic transmission. On any written ballot for the election of president or vice president, an authorized representative acting on behalf of the member may write in a qualified candidate for election. <u>Nominating resolutions for write-in candidates must be received by the deadline for the return of ballots.</u></p>	<p>Amendment to clarify that write-in candidates for president or vice presidents must submit a nominating resolution by the election deadline since they did not go through the Election Committee review process.</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 10, ARTICLE 9, Meeting of Members

Current Bylaw	Proposed Bylaw	Rationale
	<p>Newly Added Section. <u>Section 9.15. Action by Written Ballot.</u> To the extent permitted by applicable law and subject to all applicable requirements, any action that may be taken at a regular or special member meeting of the members may be approved by written ballot if a ballot is sent to each member entitled to vote on the matter. Ballots may be sent and returned by electronic transmission as permitted in the Corporations Code. Ballot format, solicitation and voting thresholds shall meet the requirements of the Corporations Code and be consistent with applicable provisions of these Bylaws.</p>	<p>Amendment to allow the flexibility to take action by written ballot beyond the currently approved process of electing the president and vice president by written ballot.</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 11, Article 11, Definitions

Current Bylaw	Proposed Bylaw	Rationale
<p>Section 11.04. Definitions. As used in these bylaws, the term “notice provided by electronic means” shall refer to notice given by fax or e-mail.</p>	<p>Section 11.04. Definitions. As used in the Bylaws, the terms <u>“electronic transmission”</u> and <u>“notice provided by electronic means”</u> shall refer to notice and <u>other communications</u> given by fax or email.</p> <p>Newly Added Section. Section 11.05. Conflicts Between Bylaws and Other Association Policies. <u>To the extent permitted by applicable law, these Bylaws shall govern in the event there is a conflict between these Bylaws and another Association policy, rule, or procedure.</u></p>	<p>Amendment to add “electronic transmission,” to clarify the meaning of this term in Section 9.15 and to harmonize this term with currently accepted means of providing notice.</p> <p>Amendment to clarify that ACWA’s Bylaws govern in the event there is a conflict with another Association policy, rule, or procedure.</p>



Proposed Amendments to the Bylaws of the Association of California Water Agencies

Amendment 12, VARIOUS, References to ACWA

Current Bylaw	Proposed Bylaw	Rationale
<p>Cleanup amendments:</p>	<p>Change the reference to ACWA to Association in the following Bylaws: Section 5.02 Officers (a) Section 7.01 Qualification. Section 7.05 Agriculture Committee Section 5.02 Officers (a): Delete reference to ACWA before Board of Directors.</p>	<p>Amendment to change references to ACWA to Association to provide consistency throughout the document.</p>



**PROPOSED AMENDED AND
RESTATED BYLAWS of the
Association of California
Water Agencies**

Amended and restated by the ACWA Members: November 30, 2022

TABLE OF CONTENTS

ARTICLE 1 – General.....	1
ARTICLE 2 – Membership and Dues.....	2
ARTICLE 3 – Officers.....	3
ARTICLE 4 – Board of Directors.....	4
ARTICLE 5 – Regions.....	8
ARTICLE 6 – Executive Committee.....	9
ARTICLE 7 – Standing Committees.....	11
ARTICLE 8 – Special Councils, Committees, and Task Forces.....	13
ARTICLE 9 – Meetings of Members.....	15
ARTICLE 10 – Indemnification of Directors, Officers, and Other Agents.....	18
ARTICLE 11 – Miscellaneous.....	18

(As amended and restated by the Members on November 30, 2022)

ARTICLE 1 - General

Section 1.01. Name. The name of this California nonprofit corporation shall be the Association of California Water Agencies (hereinafter referred to as the Association).

Section 1.02. Principal Office. The principal office for the transaction of business of the Association shall be located in Sacramento, California.

Section 1.03. Purposes. The purposes of the Association shall be to work together with its members and others for the best interests of California and its citizens and landowners who use, need and depend upon water; to encourage the orderly development of the waters of the state; to seek means of obtaining and making available to all of California a dependable water supply of the best possible quality at the lowest possible cost, giving due consideration to environmental factors involved therein; to provide inspiration and leadership in meeting and solving the water supply problems of this state; to propose and advocate such policies and measures—local, state and federal—that serve the best interests of the Association, opposing those of contrary nature; to assist in promoting the health, safety and welfare of the employees of its members; and to do all other things that are in the best interests of its members.

ARTICLE 2 – Membership and Dues

Section 2.01. Membership.

- (a) **Members.** Only a public district, public agency, or public organization created and operated for the purpose of controlling, treating, developing, acquiring, using or supplying water for any purpose for inhabitants or lands within the state of California, or for the protection, drainage or reclamation of lands within the state of California, may become a member of the Association. Such an entity will become a member upon written application, approval by the Board of Directors, and the payment of the required dues. Acceptance to membership shall authorize full participation in Association activities. Except as otherwise provided in Section 2.01(b) below, in no case may an organization other than a state, a political subdivision (as defined in § 1.103-1(b) of the Income Tax Regulations) of a state or an entity the income of which is excluded from gross income under § 115 of the Internal Revenue Code be a member of the Association. A member of the Association shall be in good standing if in compliance with all bylaws and requirements of membership, including timely payment of annual dues and emergency assessments.
- (b) **Honorary Life Members.** Any person who has rendered conspicuous service in furthering the purposes of the Association may, by vote of the Board of Directors, be granted an honorary life membership in the Association without payment of dues or assessments. All past presidents of the Association shall automatically be honorary life members without vote of the Board of Directors. Honorary life members shall not be entitled to a vote or to hold office automatically because of their status as honorary life members.
- (c) **Termination of Members.** Membership shall cease upon the failure of any member to pay the dues provided for in Section 2.02 of this Article. The membership of any member may be terminated at any time by such member sending written notification of its intention to withdraw to the Association’s principal office. The Board of Directors may terminate the membership of any member upon 30 days’ written notice by first-class mail when it is determined at any regular Board meeting or at any special Board meeting called for that purpose that continuance of such membership would not be in the best interests of the Association. Withdrawal or termination of membership ends any participation in Association activities and shall terminate a member’s interest in the Association’s assets.

Section 2.02. Dues. The annual dues of each member of the Association shall be established by the Board of Directors; provided, however, that any member may apply for a change in its dues because of conditions that differentiate such applicant from other members.

Section 2.03. Liability of Members. No member shall be liable for any obligation incurred by the Association with the following exception: (1) the payment of the annual dues while it remains a member;

and (2) the payment of emergency assessments, which shall not exceed 10 percent of current annual dues for each member in any calendar year while it remains a member. No emergency assessment may be levied against any member during its first two years of membership in the Association.

ARTICLE 3 - Officers

Section 3.01. President and Vice President.

- (a) **General.** The president and vice president of the Association shall be the elected officers of the Association. At the time of their election the president and vice president shall each be an elected or appointed member of the governing body or commission (as appropriate) of a member agency of the Association. The president and vice president shall be elected by the members of the Association by written ballot in each odd-numbered year before the Association's annual meeting, shall be announced at the Association's annual meeting, shall take office on January 1 of the calendar year following election, and shall hold office until such time as their successors take office or are appointed. An elected president shall not be permitted to succeed himself/herself to that office. Except as provided in this Article, should vacancies occur in either office of the president or vice president, the Board of Directors shall appoint persons to fill such offices for the unexpired terms thereof.
- (b) **President.** The president shall preside at all meetings of the Board of Directors, the Executive Committee, and the general membership; shall appoint members of all committees, including the chair and vice chair of each, upon recommendation from members and regions (as communicated by the region chairs), with each such committee chair and vice chair ratified by the Board of Directors; and shall perform all other duties necessary to carry out the functions of the office. The president shall be a non-voting, *ex officio* member of each committee, but shall not be an *ex officio* member of the Election Committee or the region boards.

The president may be expelled from office with or without cause, upon the satisfaction of the following two events: (1) a two-thirds vote of the Board of Directors; and (2) a subsequent simple majority vote of the members of the Association during a meeting of the membership.

- ~~(c)~~ **Vice President.** The vice president shall, in the absence of the president, assume all of the duties of that office and, if a vacancy occurs, succeed thereto for the unexpired term. The vice president shall sit as a member of the Executive Committee of the ACWA Joint Powers Insurance Authority and shall perform such other duties as assigned by the president. The vice president shall be a non-voting, *ex officio* member of each committee, but shall not be an *ex officio* member of the Election Committee or the region boards.

The vice president may be expelled from office with or without cause, upon the satisfaction of the following two events: (1) a two-thirds vote of the Board of Directors; and (2) a subsequent simple majority vote of the members of the Association during a meeting of the membership.

Section 3.02. Executive Director/Secretary and Controller/Treasurer.

- (a) **General.** The executive director/secretary and controller/treasurer of the Association shall also be officers of the Association. The executive director/secretary shall be appointed by and hold office at the pleasure of the Board of Directors of the Association.
- (b) **Executive Director/Secretary.** The executive director/secretary shall: (1) advise and assist the Board of Directors, all committees, the boards of each region, and the workgroups of each region; (2) be responsible for administering the total operations of the Association; (3) employ, direct, and release all employed staff in accordance with the policies adopted by the Board of Directors and consistent with the budget adopted by the Board of Directors; (4) provide relevant information to the Board of Directors needed by the Board to take actions; (5) give members notice and record minutes of all meetings of the membership, Board of Directors, and Executive Committee; and (6) have such other powers and perform such other duties as may be provided and assigned by the Board of Directors directly or through the president of the Board or the Executive Committee. The executive director/secretary, with the assistance of the controller/treasurer, shall render a report to the Board of Directors at the first meeting following the close of each calendar year showing the membership of the Association, the receipts and expenditures during the year, and the work accomplished during the previous year.
- (c) **Controller/Treasurer.** The controller/treasurer shall report to and act under the direction of the executive director/secretary. The controller/treasurer shall be a signatory on all accounts held by the Association and shall act as a fiduciary for all assets of the Association.

ARTICLE 4 – Board of Directors

Section 4.01. Membership. The Board of Directors shall consist of:

- (a) The Association president and vice president.
- (b) The chair and vice chair of each region.
- (c) The chair of each standing committee.
- (d) The most immediate active past president.
- (e) The vice president of the ACWA/Joint Powers Insurance Authority.

Section 4.02. Term of Office. The term of office of all members of the Board of Directors shall commence on January 1 of the calendar year following election of the president and vice president, except for those persons who serve on the Board of Directors by nature of their position as chairs of standing committees, whose terms shall instead commence upon their ratification by the Board of Directors. Except as provided in Article 4, Section 4.11, the term of office for all members of the Board of Directors shall terminate on December 31 of the following odd-numbered year two years later, or until their successors take office.

Section 4.03. Attendance Requirement. Any member of the Board of Directors who misses two consecutive regular Board meetings without being excused by the Board will no longer be a member of the Board of Directors.

Section 4.04. Regular Meetings. Regular meetings of the Board of Directors shall be held bimonthly at such times and places as the Board may determine.

Section 4.05. Special Meetings. Special meetings may be called by the president upon the president's own volition or shall be called by the president when requested in writing by five directors. Prior to conducting such a special meeting, the president shall consult with the Executive Committee to ensure that adequate information is available to the Board of Directors for any necessary decisions; and where such meeting is called upon the president's own volition, the president shall also consult with the Executive Committee as to the necessity of the special meeting. Notice for special meetings shall be provided in the following manner: (1) upon 10 days' written notice sent by mail to each director and addressed to each at the address as shown upon the records of the Association; or (2) upon 48 hours' notice with notice provided by electronic means. When the meeting is called upon the president's own volition, the president shall choose the form of notice; when the meeting is called by a request of five directors, the five directors shall choose the form of notice and the president shall promptly call the meeting. No business except those items described in the notice shall be transacted at any special meeting, except by consent of three-fourths of the members of the Board of Directors present.

Section 4.06. Meetings by Electronic Communication. Any meeting of the Board of Directors, region boards, or any committee may be conducted, in whole or in part, by telephone, electronic transmission, or by electronic video screen communication. A member of the Board of Directors, a region board, or any committee shall be deemed present in person at the meeting if the following apply:

- (a) Each director, region board, or committee member participating in the meeting can communicate concurrently with all other directors, region board, or committee members.
- (b) Each director, region board or, committee member is provided the means of participating in all matters before the board, region board, or committee, including the capacity to propose, or to interpose an objection to, a specific action to be taken by the Association.

Section 4.07. Quorum. At any meeting of the Board of Directors, the attendance of 50 percent of the voting members of the Board of Directors, or their permitted alternates as specified in these bylaws, shall

constitute a quorum for the transaction of any business. The Board may hold a closed session for discussion of personnel matters; ~~or enforcement of violations of the code of conduct;~~ pending or anticipated litigation or other legal matters, including, but not limited to, considering whether to file or join in an amicus brief; real property negotiations and discussions; and other confidential matters as determined by the Board to the extent permitted by applicable law. (See Board Policy 2.1.8.3.)

Section 4.08. Alternates. Each region shall designate an alternate for each chair and vice chair, who shall meet the qualification requirements for chair and vice chair, to act at meetings of the Board of Directors when the chair or vice chair is unable to attend. The vice chair of each standing committee will be the alternate to act at meetings of the Board of Directors when the standing committee chair is unable to attend. An alternate may not act or vote on behalf of more than one member of the Board of Directors. A member of the Board of Directors may not act as an alternate for any other member.

Section 4.09. Vacancies for Standing Committee Chairs and Vice Chairs. Should a vacancy occur in the office of any standing committee chair or vice chair before the end of the term, the president shall appoint a new committee chair or vice chair to fulfill the unexpired term of such committee chair or vice chair subject to ratification by the Board of Directors. A vacancy in the office of any such standing committee chair or vice chair as described in the previous sentence shall be deemed to exist when the chair or vice chair: (1) resigns the office; (2) no longer is an officer, employee, or member of the governing body of a member agency of the Association, or other representative duly designated by a member agency of the Association to represent that member; or (3) is otherwise removed by a member agency of the Association.

Section 4.10. Duties, Authorities, and Delegation. Subject to the provisions and limitations of California Nonprofit Corporation Law, other applicable laws, and the provisions of these bylaws, the Association's activities and affairs are to be exercised by or under the direction of the Association's Board of Directors. The Board of Directors is responsible for the overall supervision, control, and direction of the Association. The Board of Directors shall: (1) employ and release the executive director/secretary; (2) set performance expectations for the executive director/secretary; (3) receive, review, and consider approval of executive director/secretary recommended compensation, other terms and conditions of employment, and annual evaluations as prepared by the Executive Committee; (4) annually adopt a budget; and (5) set the level of dues for the Association. Except as to the duties listed in the previous sentence, and subject to Article 3, Section 2, the Board of Directors may delegate the supervision, control, and direction of the Association's affairs to any person or group, including a committee, provided the Association Board retains ultimate responsibility for the actions of such person or group. Where such powers are delegated, the delegation shall be documented in writing.

Section 4.11. Immediate Past President. The immediate past president automatically assumes this position after serving as the Association's elected president and is a voting member of the Board of Directors and Executive Committee. The term of office for the immediate past president shall commence on January 1 of the calendar year following election of the president and vice president and shall terminate on December 31 of the following odd-numbered year two years later. In the event the most

immediate active past president is unavailable to serve, the most recent and available active past president in succession shall serve in this capacity.

Section 4.12. Code of Conduct of Board Members.

~~(a) **Code of Conduct: Purpose and Adoption.** The Board of Directors shall establish, and update as appropriate, a code of conduct for its Directors that recognizes the Association's commitment of integrity, respect, and fair representation to its members and the public they serve and establishes minimum ethical standards for the performance of the duties of office. The code shall be consistent with the procedural processes contained in this section. (See Code of Conduct Policy, Board Policy Manual, Policy No. GO-2.1A.) The code shall be consistent with the procedural processes contained in the Code of Conduct Policy. (See sections 2.1.3A and 2.1.4A of Policy GO-2.1A of the Board Policy Manual.) The code shall be distributed to all new Directors and shall be distributed annually to all members of the Association.~~

~~(b) **Violations and Enforcement Process.** A violation of the code of conduct may result in removal, public censure, or private reprimand of a Director, or such other action as contained in the code of conduct. However, removal and public censure shall be reserved only for serious violations. A Director may not be removed or publically censured absent an affirmative vote of two-thirds of the voting members of the Board of Directors. A Director may be privately reprimanded for a violation of the code of conduct upon the majority vote of the quorum. Complaints of violation of the code of conduct may be filed with the president, or the vice-president if the allegations are made against the president. The president may refer a complaint of violation to the executive director/secretary for investigation. The executive director/secretary may retain a special investigator or special counsel to conduct or assist the investigation. A Director accused of a violation shall be provided a copy of the complaint. A Director that takes any hostile or retaliatory action, directly or indirectly, against a complainant is subject to removal from the Board in conformance with the process identified above. Prior to scheduling a Board action on a complaint, the president shall consult with the Executive Committee and the chair of the Legal Affairs Committee. A Director accused of a violation of the code of conduct shall be provided at least 15 days' written notice of any meeting of the Board at which a determination of enforcement will be considered. A determination of enforcement may be made only at a regular meeting of the Board and shall be made in closed session. The determinations of the Board under this section shall not be admissible in any criminal or civil proceeding brought against the Director for conduct that violates any other law.~~

ARTICLE 5-- Regions

Section 5.01. Boundaries of Each Region.

- (a) There shall be a maximum of 10 regions within the state. The Board of Directors shall determine the regional boundaries. Insofar as is practicable, the regions shall have a numerical balance in members of the Association; make geographic sense; and promote regional problem solving.
- (b) A member of the Association may file a written petition to the Board of Directors requesting a change in regions. Such petition shall set forth the reasons for such requested change. The Board shall, within a reasonable time, act upon such petition and set forth the reasons for its action. Such action by the Board shall be based on factors in Section 5.01(a) above, as well as others deemed by the Board of Directors to be relevant to the decision.

Section 5.02. Officers.

- (a) The officers of each region shall be a chair and vice chair and three to five region board members who shall be elected by the region in each odd-numbered year. A region may maintain a board of fewer than five but not less than three members as provided in the region's rules and regulations. The officers of the region board shall take office on January 1 of the calendar year following election and shall hold office for two years, or until their successors take office. Regions shall hold elections by electronic ballot. [ACWA-Association](#) staff shall verify the legitimacy of the ballots.
- (b) The officers of each region shall: (1) exercise the powers and perform duties of the region during the interim between region meetings; and (2) make recommendations to the president regarding appointments to committees. The chair and vice chair shall be the region's representatives to the [ACWA](#)-Board of Directors.
- (c) Each officer of a region shall be an officer, employee, or member of the governing body of a member agency of the Association, or other representative duly designated by a member agency of the Association to represent that member at the time of the appointment. Where an individual ceases to meet these criteria during the term of the office, the individual may not serve during the remaining term of that office unless that individual can again meet the criteria for the office and is appointed to complete the term. The region board may adopt more stringent criteria for board member qualifications as part of the region's rules and regulations.
- (d) Should a vacancy occur in any of the region board positions before the end of the term, the remaining members of the region board shall appoint a new member. A vacancy in the office of any region board position shall be deemed to exist when a region board

member: (1) resigns the office; (2) no longer is an officer, employee, or member of the governing body of a member agency of the Association, or other representative duly designated by a member of the Association to represent that member; or (3) is otherwise removed by a member agency of the Association.

Section 5.03. Nominating Committees. There shall be a nominating committee for each region consisting of three or more designees, each representing a member of the Association located within the region, appointed by the chair of the region and approved by the region board. Nominating committees shall be formed by February 28 of each odd-numbered year.

Section 5.04. Meetings. The meetings of each region shall be held at both the spring and fall conferences and at such other times and places as may be determined by the region chair. Representatives of five or more members of the Association from the region present at any region meeting shall constitute a quorum for purposes of conducting the business of the region. Any meeting, regular or special, may be held in person or by telephone conference, web video conference, or other electronic video screen communication or electronic transmission, as set forth in Section 4.06.

Section 5.05. Workgroups. Workgroups may be appointed by the region chair as needed.

Section 5.06. Rules. Each region shall organize and adopt rules and regulations for the conduct of its meetings and affairs not inconsistent with the Articles of Incorporation or bylaws of the Association. Each region shall abide by the code of conduct adopted by the Board of Directors of the Association.

ARTICLE 6 – Executive Committee

Section 6.01. Membership. There shall be an Executive Committee consisting of the following: the president of the Association, who shall be the chair thereof; the vice president; the most immediate active past president; the chair of the Finance Committee; and three at-large representatives selected from and by the members of the Board of Directors. The election of the three at-large representatives to the Executive Committee shall occur at the first Board of Directors meeting held in each even-numbered year and the elected representatives shall serve immediately following their election and until such time as their successors take office. To the extent practical, the Executive Committee should be constituted so as to reflect the geographic extent of the Association and the functions of the members of the Association.

Section 6.02. Powers. The Executive Committee shall have the following authority:

- (a) **Personnel.** Subject to the budget adopted by the Board of Directors, the Executive Committee shall perform the following personnel actions: (1) recommend compensation for the executive director/secretary to the Board of Directors for approval; (2) perform annual reviews of the executive director/secretary and submit that review to the Board of Directors; (3) review ~~and approve~~ the classification and compensation plan and publicly posted salary schedule for Association employees submitted by the executive director/secretary, which shall be ~~reviewable-approved~~ by the Board of Directors, ~~in~~

~~closed session, upon request of the Board of Directors;~~ (4) establish personnel policies for the conduct and behavior of employees, which shall be reviewable by the Board of Directors; and (5) undertake such other personnel actions as may be requested by the executive director/secretary in support of his or her oversight of all other personnel matters, which shall be reviewable by the Board of Directors, in closed session, upon request of the Board of Directors.

- (b) **Delegation.** The Executive Committee may act pursuant to any authority specifically delegated to it by the Board of Directors. The delegation shall indicate whether the authority is still subject to the ultimate authority of the Board.
- (c) **Authority to Act Between Meetings.** The Executive Committee may act for the Board of Directors between Board meetings when calling a special meeting of the Board of Directors is impracticable, provided that no such action of the Executive Committee shall be binding on the Board of Directors until authorized or approved by the Board. The Executive Committee has the authority to authorize actions recommended by the Legal Affairs Committee (such as the filing of letter briefs and amicus curiae briefs) by electronic means without the need for an in-person or telephonic meeting, but such actions shall be ratified by the Board of Directors at its next meeting.

Section 6.03. Reporting. The president, or any person designated by the president, shall report to the Board of Directors, at each regular Board meeting, any action taken by the Executive Committee since the last preceding regular Board meeting. The minutes of Executive Committee meetings, which at that time may still be in draft form, shall be mailed (using the U.S. Postal Service, express delivery, electronic means, or otherwise) to each member of the Board of Directors at least five days prior to Board meetings, except in cases in which the Executive Committee meets during or immediately prior to a conference of the Association or immediately prior to a Board meeting, in which case the minutes, which may still be in draft form, shall be mailed to each director promptly thereafter.

Section 6.04. Meetings. The Executive Committee shall hold regularly scheduled meetings as set by the president. Special meetings of the Executive Committee may be called by the president upon notice to the members of that committee or upon written request of three Executive Committee members. Notice for special Executive Committee meetings shall be provided to the entire Board: (1) upon five days' written notice sent by mail, or (2) upon 24 hours' notice with notice provided by electronic means; and all such meetings shall be open to the Board of Directors. Any meeting, regular or special, may be held in person or by telephone conference, web video conference, or other electronic video screen communication or electronic transmission, as set forth in Section 4.06. All members of the Board of Directors may attend any meeting of the Executive Committee. Meetings of the Executive Committee may be closed to others at the discretion of the president or committee. Only members of the Executive Committee are allowed to vote on matters at a meeting of the committee.

Section 6.05. Minutes. The minutes of the Executive Committee meetings shall be kept by the executive director/secretary at the Association's principal office. Actions of the Executive Committee shall

be reported to the Board of Directors as provided in Section 3 of this Article and shall be available to any member of the Board of Directors upon request to the executive director/secretary.

ARTICLE 7 – Standing Committees

Section 7.01. Qualification. In order to serve on any ~~ACWA~~Association standing committee, an individual must be an officer, employee, or member of the governing body of a member agency of the Association, or other representative duly designated by a member agency of the Association to represent that member at the time of the appointment. Where an individual ceases to meet these criteria during the term of the appointment, the individual may not serve during the remaining term of that appointment unless that individual can again meet the criteria for appointment and is appointed to complete the term.

Section 7.02. Term of Office. The term of office of standing committee members shall be two years commencing on January 1 of each even-numbered year. The term of office of standing committee chairs and vice chairs shall be approximately two years and shall commence as soon after January 1 of the even-numbered year as they may be appointed by the president and ratified by the then-seated Board of Directors, and shall terminate on December 31 of the odd-numbered year approximately two years later or until their successors are appointed and ratified.

Section 7.03. Meetings. Meetings of standing committees may be called at such times and places designated by the respective chair thereof except where provided otherwise by these bylaws. Any meetings of standing committees may be conducted, in whole or in part, by electronic transmission or by electronic video screen communication, as set forth in Section 4.06. Subject to the provisions of these bylaws and any actions that may be taken by the Board of Directors, the chairs of each standing committee may establish their own rules for the efficient operation of the committee they each chair. The chairs of each standing committee are authorized to create subcommittees and workgroups in order to complete the work of the committee.

Section 7.04. Committee Composition. Each limited standing committee shall have a membership composition that is comprised of members in the quantity and with qualifications as defined by the provisions of these bylaws. The committee chair position shall not be included in the maximum count for determining the committee composition total of any given limited committee. The committee chair shall, however, be a voting member of their respective committees subject to the rules and procedures of each committee. If the chair is absent, the vice chair shall fill the role of the chair during such absence.

Section 7.05. Agriculture Committee. There shall be an Agriculture Committee whose duty it shall be to recommend Association policy, positions and programs to the Board of Directors, State Legislative Committee, Federal Affairs Committee or other committees, as appropriate, regarding agricultural issues affecting the interests of ~~ACWA~~the Association and its members. The committee shall consist of at least one member from each region.

Section 7.06. Business Development Committee. There shall be a Business Development Committee whose duty it is to develop and recommend to the Board of Directors programs and activities to be

provided or administered by the Association that generate non-dues revenue and provide a service or benefit to member agencies. The committee shall consist of at least one member from each region and may include members from any of the other standing committees.

Section 7.07. Communications Committee. There shall be a Communications Committee whose duty it shall be to develop and make recommendations to the Board of Directors regarding a comprehensive internal and external communications program for the Association and to promote development of sound public information and education programs and practices among member agencies. The committee shall consist of no more than 40 members. The committee shall consist of at least one member from each region.

Section 7.08. Energy Committee. There shall be an Energy Committee whose duty it shall be to recommend policies and programs to the Board of Directors and to the State Legislative Committee and/or Federal Affairs Committee as appropriate. The committee shall consist of at least one member from each region.

Section 7.09. Federal Affairs Committee. There shall be a Federal Affairs Committee whose duty it shall be to review all federal legislative proposals and regulatory proposals affecting member agencies, after consulting with other appropriate committees, and to develop Association positions consistent with existing policy, where it has been established; recommend sponsorship of bills that will resolve problems or improve conditions for member agencies; and assist in the establishment of the Association's federal legislative program. The committee shall consist of at least one, but no more than five members from each region.

Section 7.10. Finance Committee. There shall be a Finance Committee whose duty it shall be to make recommendations to the Board of Directors regarding annual budgets, dues formula and schedules and other revenue-producing income, annual audit and selection of an auditor, and investment strategies. The committee shall consist of the president and vice president of the Association as *ex officio* members, either the chair or vice chair from each of the Association's 10 region boards, and one additional member from each region with experience in financial matters.

Section 7.11. Groundwater Committee. There shall be a Groundwater Committee whose duty it shall be to recommend policies and programs to the Board of Directors and to the State Legislative Committee and/or Federal Affairs Committee as appropriate. The committee shall consist of at least one member from each region.

Section 7.12. Legal Affairs Committee. There shall be a Legal Affairs Committee whose duty it shall be to support the mission of the Association, and more particularly to deal with requests for assistance involving legal matters of significance to member agencies, including but not limited to state and federal court litigation, water rights matters, selected regulatory and resources agency matters, proposed bylaw revisions, review of legislation as requested by the State Legislative Committee, etc. The committee shall consider matters and issues submitted to it in order to determine which ones are of major significance to the member agencies and, assuming a finding of major significance, recommend to the Board of Directors

the position(s) which the committee believes the Association should take with respect thereto. The committee shall be composed of between 34 and 44 attorneys, each of whom shall be a member of the California Bar and shall be, or act as, counsel for a member agency, representing diverse interests within the Association, including but not limited to, different geographical areas throughout the state, large and small agencies, agricultural and urban agencies, agencies created under the various enabling statutes, etc. The committee shall consist of at least one member from each region.

Section 7.13. Local Government Committee. There shall be a Local Government Committee whose duty it shall be to recommend policies to the State Legislative Committee, as appropriate, and Board of Directors on matters affecting water agencies as a segment of local government in California. The committee shall consist of at least one, but no more than three members from each region.

Section 7.14. Membership Committee. There shall be a Membership Committee whose duty it shall be to assist staff in developing membership recruitment and retention programs, make recommendations to the Board of Directors regarding membership policies, eligibility, and applications for membership and review and make recommendations to the Finance Committee regarding an equitable dues structure. The committee shall consist of at least one member from each region.

Section 7.15. State Legislative Committee. There shall be a State Legislative Committee whose duty it shall be to review all state legislative proposals affecting member agencies and to establish Association positions, consistent with existing policy, where it has been established; sponsor bills that will resolve problems or improve conditions for member agencies; and assist in the establishment of the Association's legislative program. The committee shall consist of members representing a variety of types of member agencies and at least one, but no more than four members from each region.

Section 7.16. Water Management Committee. There shall be a Water Management Committee whose duty it shall be to recommend policy and programs to the Board of Directors on any area of concern in water management. The committee shall consist of at least one, but no more than four members from each region.

Section 7.17. Water Quality Committee. There shall be a Water Quality Committee whose duty it shall be to develop and recommend Association policy, positions, and programs to the Board of Directors, to promote cost-effective state and federal water quality regulations that protect the public health, to enable interested member agencies to join together to develop and coordinate with other organizations, and to present unified comments regarding agricultural and domestic water quality regulations. The committee shall consist of at least one member from each region.

ARTICLE 8 – Special Councils, Committees, and Task Forces

Section 8.01. Council of Past Presidents. There shall be a Council of Past Presidents composed of all past presidents of the Association who serve on the council until each is no longer able to or wishes to serve. The council shall provide a mechanism for past presidents to continue to make valuable

contributions to the Association. With approval of the Board of Directors, the president and/or executive director/secretary may assign specific responsibilities to the council from time to time. Members of the Council of Past Presidents are invited to attend and participate in the Association's Board and Executive Committee meetings, including attending closed sessions. With the exception of the immediate past president, members of the Council of Past Presidents are non-voting.

Section 8.02. Election Committee. There shall be an Election Committee consisting of eleven representatives established by February 28 of each odd-numbered year, whose purpose shall be to present qualified individuals for the offices of president and vice president of the Association. The Election Committee shall vet all candidates to determine if the eligibility criteria have been met. The Election Committee will endorse a preferred candidate for president and vice president before presenting an open ballot with all qualifying candidates to the members for a vote in the manner set forth in Section 9.10 and Section 9.11.

(a) **Selection.** The Election Committee shall be selected in the following manner:

(1) Each of the 10 currently seated Region Boards in the odd-numbered year shall appoint a representative from their respective regions to serve on the Election Committee.

(2) One representative appointed by the president in the odd-numbered year shall also serve on the Election Committee. Neither the president nor the vice president qualifies to be appointed to this position.

(b) **Qualification.** In order to serve on the Election Committee, an individual must be an officer, employee, or member of the governing body of a member agency of the Association, or other representative duly designated by a member agency of the Association to represent that member at the time of the appointment. Past presidents, who are Honorary Life Members of the Association, may also serve on the Election Committee without meeting stated qualifications unless otherwise disqualified. Where an individual ceases to meet these criteria during the election cycle, the individual may not continue to serve. When the disqualified member represented a Region Board, the affected Region Board shall select a replacement representative. When the disqualified member represented the President, the President shall select an alternate representative.

Section 8.03. Other Committees and Task Forces. Other committees and task forces may be appointed by the president from time to time as needed, consistent with and supportive of the mission of the Association.

ARTICLE 9 – Meetings of Members

Section 9.01. Meetings. Meetings of the members of the Association shall be held at the Association’s conferences to provide a report to the members on the Association’s activities during the past year, provide an overview of the Association’s finances, announce the newly elected president and vice president of the Association in each odd-numbered year, and to transact such other proper business as may come before the meeting.

Section 9.02. Special Meetings. Special meetings of the members of the Association may be called by the Board of Directors, the president of the Board of Directors, or by 5 percent or more of the members of the Association. Except when called by the Board, a request for a special meeting must be in writing and must be delivered in person or mailed by first-class mail addressed to the president of the Board at the principal office of the Association, with a copy to the executive director/secretary. The request must state the general nature of the business proposed to be transacted at the meeting.

A special meeting that has been called by written request of 5 percent of the member agencies of the Association to the Board of Directors shall be set by the Board of Directors on a date that is not less than 35 or more than 90 days after receipt of the request.

Section 9.03. Meetings by Remote Communication. Any meeting of the members may be conducted, in whole or in part, by electronic transmission by and to the Association or by electronic video screen communication. The member shall be deemed present in person at the meeting if the following apply:

- (a) The Association implements reasonable measures to provide the member a reasonable opportunity to participate in the meeting and to vote on matters submitted to the members, including an opportunity to read or hear the proceedings of the meeting substantially concurrently with those proceedings.
- (b) If any member votes or takes other action at the meeting by means of electronic transmission to the Association or electronic video screen communication, a record of that vote or action is maintained by the Association.
- (c) The Association verifies that each person participating remotely is an authorized representative of a voting member.

Section 9.04. Notice Requirements for Membership Meetings. Written notice of any membership meeting shall be given to each voting member of the Association. The notice shall state the date, time, and place of the meeting; the means by which members may participate; and the general nature of the business to be transacted. The member notification information shall also be posted on the Association’s website.

Except as otherwise provided in these bylaws or California law, a written notice of regular membership meetings shall be given not less than 10 or more than 90 days before the date of the meeting to each

member who, on the record date for notice of the meeting, is entitled to vote; provided, however, that if notice is given by mail, and the notice is not mailed by first-class, registered, or certified mail, that notice shall be given not less than 20 days before the meeting.

Section 9.05. Notice Requirements for Special Meetings. The executive director/secretary shall cause notice to be given to all members of the Association of the date, time, and place of the meeting and the general nature of the business to be transacted at the meeting. No business except that specified in the request and notice may be transacted at said special meeting. If notice of the requested special meeting is not given within 20 days after receipt of the request, the person or persons requesting the meeting may give the notice.

Section 9.06. Voting. Each member of the Association in good standing at the time of the annual or special meeting shall be entitled to one vote that shall be cast by its authorized representative. Each member must designate its authorized representative prior to the annual or special meeting. It is the member's responsibility to designate or update its authorized representative as needed. The Association may confirm with any member the identity of that member's authorized representative for the purpose of casting ballots in any election of president and vice president, amendments to these Bylaws, or other Association business that requires a vote. All questions, except amendments or revisions of these bylaws, shall be determined by a majority of the members present and voting. A roll call may be requested by any authorized representative.

Section 9.07. Amendment of Bylaws. These bylaws may be amended or revised by two-thirds of the member agencies of the Association present and voting at any meeting.

Section 9.08. Quorums. The presence of the authorized representatives of at least 50 members of the Association at any meeting of the members shall constitute a quorum for transacting business. ~~Written ballots timely received from the authorized representative of 50 members shall constitute a quorum for elections of president and vice president.~~ Actions taken by written ballot shall require the timely receipt of the written ballot from the authorized representatives of at least 50 members to constitute a quorum.

Section 9.09. Amendments, Revisions, and Resolutions. Before any amendments or revisions to the bylaws, or resolutions, may be considered at any meeting of the Association, any such amendment, revision, or resolution shall be submitted to the executive director/secretary at least 90 days prior to the first day of such meeting. The executive director/secretary shall promptly distribute any proposed amendments or revisions to the Legal Affairs Committee for the Legal Affairs Committee to develop an unbiased analysis of the amendments or revisions. Following development of an analysis for the proposed amendments or revisions, the executive director/secretary shall distribute copies of any resolutions, amendments or revisions, including any applicable analyses, to all members of the Association not less than 10 days or more than 90 days prior to presentation at such meeting. The written notice of the membership meeting shall be given to each voting member of the Association consistent with the provisions defined in Section 9.04. The 90-day rule may be suspended at any meeting of the Association

by consent of three-fourths of the members present. Voting on resolutions, amendments, or revisions shall proceed as provided by Sections 9.06 and 9.07.

Section 9.10. Nomination of President and Vice President.

- (a) **Qualification.** At the time of their election, the president and vice president of the Association shall each be an elected or appointed member of the governing body or commission (as appropriate) of a member agency of the Association.
- (b) **Nominating Resolutions.** All nominations for the positions of president and vice president shall be accompanied by an official resolution from the Association member agency on whose board the nominee serves. Said resolution shall be signed by an authorized signatory of the member agency's Board of Directors.

Section 9.11. Election of President and Vice President. Each member of the Association in good standing at the time a vote is cast is entitled to one vote for election of the president and vice president that shall be cast by its authorized representative by written ballot. The ballot and any related material may be sent by first class, registered, or certified mail or electronic transmission by the Corporation that meets the requirements of Corporations Code section 20, and responses may be returned to the Corporation by mail or electronic transmission. On any written ballot for the election of president or vice president, an authorized representative acting on behalf of the member may write in a qualified candidate for election. Nominating resolutions for write-in candidates must be received by the deadline for the return of ballots.

Section 9.12. Write-In Candidates. If a write-in candidate prevails in any election for president or vice president, such individual shall not be officially elected into such position until the Election Committee confirms that the individual meets the eligibility criteria and qualifications requirements.

Section 9.13. Run-off Election for President and Vice President. In the event a nominee does not receive a majority of the votes for president or vice president, a run-off election shall be held for the office or offices for which a majority of the votes have not been received. The run-off election shall only involve the nominees who received the two highest amounts of votes. The run-off election shall be conducted in the same manner as the initial election.

Section 9.14. Additional Procedures for Election of President and Vice President. The Board shall have the authority to adopt policies for elections ("Election Policy") of president and vice president setting forth the details for the election of such positions when not otherwise contrary to or covered by these bylaws.

Section 9.14-Section 9.15. Action by Written Ballot. To the extent permitted by applicable law and subject to all applicable requirements, any action that may be taken at a regular or special member meeting of the members may be approved by written ballot if a ballot is sent to each member entitled to vote on the matter. If approved by the Board, ballots may be sent and returned by electronic transmission

as permitted in the Corporations Code. Ballot format, solicitation and voting thresholds shall meet the requirements of the Corporations Code and be consistent with applicable provisions of these Bylaws.

ARTICLE 10 –Indemnification of Directors, Officers, and Other Agents

Section 10.01. Right of Indemnity. To the fullest extent permitted by law, this Corporation shall indemnify its Directors, Officers, employees, and other persons described in Section 7237(a) of the California Corporations Code, including persons formerly occupying any such position, against all expenses, judgments, fines, settlements and other amounts actually and reasonably incurred by them in connection with any “proceeding,” as that term is used in that Section, and including an action by or in the right of the Corporation, by reason of the fact that the person is or was a person described in that section. "Expenses," as used in this bylaw, shall have the same meaning as in Section 7237(a) of the California Corporations Code.

Section 10.02. Approval of Indemnity. On written request to the Board by any person seeking indemnification under Section 7237(b) or Section 7237(c) of the California Corporations Code, the Board shall promptly determine under Section 7237(e) of the California Corporations Code whether the applicable standard of conduct set forth in Section 7237(b) or Section 7237(c) has been met and, if so, the Board shall authorize indemnification.

Section 10.03. Advancement of Expenses. To the fullest extent permitted by law and except as otherwise determined by the Board in a specific instance, expenses incurred by a person seeking indemnification under these bylaws in defending any proceeding covered by those Sections shall be advanced by the Corporation before final disposition of the proceeding, on receipt by the Corporation of an undertaking by or on behalf of that person that the advance will be repaid unless it is ultimately determined that the person is entitled to be indemnified by the Corporation for those expenses.

Section 10.04. Insurance. The Corporation shall have the right to purchase and maintain insurance to the full extent permitted by law on behalf of its Officers, Directors, employees, and other agents, against any liability asserted against or incurred by any officer, director, employee, or agent in such capacity or arising out of the officer’s, director’s, employee’s or agent’s status as such.

ARTICLE 11 - Miscellaneous

Section 11.01. Conduct of Meetings. All meetings of the Association shall be conducted in accord with the code of conduct and in substantial accordance with the latest edition of Robert’s Rules of Order Newly Revised unless the Board adopts alternate rules of conduct for itself and/or its committees, region boards, and region workgroups.

Section 11.02. Funds. The funds of the Association shall be used to further the aims and purposes of this Association. They shall be kept by the controller/treasurer and paid out by checks or other electronic means, which shall only be valid with two authorized signatures. The Board of Directors shall designate

by resolution which persons, other than the controller/treasurer, may sign for expenditures. The Finance Committee shall implement procedures to ensure necessary internal controls over the receipt and expenditures of Association funds and arrange for an external audit. Audit reports shall be presented to the Board of Directors.

Section 11.03. Disposition of Assets upon Dissolution. The Association’s properties and assets are irrevocably dedicated to the fulfillment of the Association’s purposes as described in Article 2 of the Articles of Incorporation. No part of the Association’s net earnings, properties and assets, on dissolution or otherwise, may inure to the benefit of any private person. Upon the dissolution of the Association, all debts thereof shall be paid and its affairs settled, and all remaining assets shall be distributed to the Association’s member political subdivisions for a public purpose, consistent with the provisions of the California Nonprofit Corporation Law relating to mutual benefit corporations then in effect and with the Articles of Incorporation.

Section 11.04. Definitions. As used in these ~~h~~Bylaws, the terms “electronic transmission” and “notice provided by electronic means” shall refer to notice and other communications given by fax or e-mail.

~~Section 11.04.~~**Section 11.05. Conflicts Between Bylaws and Other Association Policies.** To the extent permitted by applicable law, these Bylaws shall govern in the event there is a conflict between these Bylaws and another Association policy, rule, or procedure.

Amended comprehensively December 1, 2010

Amended May 9, 2012

Amended May 7, 2014

Amended December 2, 2015

Amended November 29, 2017

Amended & Restated November 30, 2022



**Beaumont-Cherry Valley Water District
Regular Board Meeting
November 21, 2024**

Item 4

STAFF REPORT

TO: Board of Directors

FROM: Sylvia Molina, Assistant Director of Finance and Administration

SUBJECT: **Authorization for the General Manager to enter a Six-Month Contract Extension for Social Media and Public Relations Services with Consultant CV Strategies**

Staff Recommendation

Authorize the General Manager to enter into a six-month contract extension to utilize an existing estimated remaining budget for Social Media and Public Relations Services with Consultant CV Strategies in an amount not to exceed \$59,000.

Executive Summary

The District's existing Social Media and Public Relations Services contract with the current consultant, CV Strategies, will expire on December 31, 2024. Staff recommends continuing services for Social Media and Public Relations Services with CV Strategies in order to complete the Water Rate Education and to continue services for the remaining amount of the 2024 contract.

Background

On September 12, 2018, the Beaumont-Cherry Valley Water District (District) Board of Directors (Board) discussed the benefits of implementing a public relations and outreach program to raise public and community awareness of District activities. To support this effort, staff prepared a Request for Proposal (RFP) emphasizing the development of public relations strategies and leadership in maintaining the District's strategic communication plan. A subsequent RFP for Social Media and Public Relations was issued and advertised on September 29, 2022, with submissions due by October 27, 2022, in the Record Gazette, as well as through the California Society of Municipal Finance Officers (CSMFO) and the Government Finance Officers Association (GFOA).

On January 26, 2023, the Board authorized the General Manager to enter into a one-year contract with CV Strategies for the District's public relations needs. These services included managing social media analytics, providing public relations and communications expertise, and recommending website postings to enhance transparency, monitoring, response, and consistent messaging. The current agreement with CV Strategies, which has supported these efforts, is set to expire on December 31, 2023.

At the October 10, 2023 Communications Committee meeting, staff recommend shifting CV Strategies' focus for 2024 to prioritize public outreach efforts related to the upcoming rate study and the required Proposition 218 process. In response, CV Strategies submitted a 2024 Outreach Action Plan that incorporated general community engagement alongside targeted water rate education as requested. The Board approved a contract extension on November 16, 2023, and staff has since collaborated with CV Strategies to initiate these efforts. While water rate education outreach was initially planned for fall 2024, delays in data collection have postponed the timeline, with the first phase now scheduled for December 2024.



Discussion

Staff is requesting a six-month contract extension with CV Strategies to accommodate delays in data collection and ensure the completion of the water rate education component of their contract. This extension will also allow CV Strategies to continue their general public outreach efforts within the scope of the approved contract amount. The original contract, approved for \$99,715, has a remaining balance of \$71,023.75 as of September 30, 2024. This balance is sufficient to cover the estimated \$29,600 allocated specifically for water rate education as well as additional funds for targeted public outreach initiatives, both for the remainder of 2024 as well as in 2025.

Fiscal Impact

The fiscal impact of the revised scope of work is a not-to-exceed amount of \$59,000 in 2025, based on utilizing the estimated remaining balance for 2024. This would be a carryover from 2024, however, the 2025 Operating Budget includes an allotment of an additional \$75,000 for public outreach that could fund small overages regarding this activity, if there were no additional services requested for the year.

Table 1 – CV Strategies Contract Estimate

Activity	Amount	Rolling Balance
2023 Rollover (video)	\$ 5,500.00	\$ 5,500.00
2024 Contract agreement	\$ 99,715.00	\$ 105,215.00
Jan - Sept 2024 Activity	\$ 34,191.25	\$ 71,023.75
Oct - Dec 2024 Estimated Activity	\$ 12,000.00	\$ 59,023.75
Estiamted Contract balance available		\$ 59,023.75

Attachment(s)

1. Six-Month Contract Extension Agreement with expiration on June 30, 2025
2. Original 2023 CV Strategies Agreement with expiration on December 31, 2023
3. 2024 Amendment Agreement with expiration on December 31, 2024
4. CV Strategies Scope of Work for 2024

Staff Report prepared by Sylvia Molina, Assistant Director of Finance and Administration

Attachment 1

**BEAUMONT-CHERRY VALLEY WATER DISTRICT
SECOND AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT WITH CV
STRATEGIES**

This Second Amendment is made and entered into as of _____ by and between the Beaumont-Cherry Valley Water District, a California Irrigation District ("District"), and CV STRATEGIES, a Public Relations Consulting Service ("Consultant"). District and Consultant are sometimes individually referred to as "Party" and collectively as "Parties" in this Agreement.

Except as modified in this Second Amendment, the Agreement dated _____ between the District and the Consultant shall remain in full force and effect.

The parties to this Second Amendment agree to the following changes and additions:

Change

Replace Section 5. in its entirety with the following:

5. Term; Time of Performance. The term of this Agreement shall commence on the date first set forth above and shall expire at the end of business on June 30, 2025, unless extended or earlier terminated as provided herein. Consultant shall complete the Services within the amended of the original Agreement, and shall meet any other milestones, schedules and deadlines agreed upon in writing. Consultant shall commence work within three (3) business days of receiving District's verbal or written notice to proceed. Consultant represents that it has the professional and technical personnel required to satisfactorily perform the Services as required by this Agreement. All indemnification provisions of the Original Agreement shall survive and remain in effect following the termination of this Agreement. The Parties may agree in writing to extend the term of this Agreement if necessary to complete the Services, or when deemed to be in the District's best interest.

IN WITNESS WHEREOF, the parties have executed this SECOND AMENDMENT

District

Consultant

Attachment 2

Beaumont-Cherry Valley Water District—Professional Services Agreement CV Strategies

BEAUMONT-CHERRY VALLEY WATER DISTRICT PROFESSIONAL SERVICES AGREEMENT

This Agreement is made and entered into as of 2/21 of, 2023, by and between the Beaumont-Cherry Valley Water District, a California Irrigation District (“District”), and CV Strategies, (“Consultant”). District and Consultant are sometimes individually referred to as “Party” and collectively as “Parties” in this Agreement.

A. RECITALS

(i) District requires provision of the following professional services: Public Relations and Community Outreach Consulting Services, all as more fully set forth and described in this Agreement.

(ii) Consultant is duly licensed and/or otherwise fully authorized by law, and has the necessary experience and qualifications, to provide such services. District enters this Agreement in substantial reliance on such experience and qualifications.

(iii) The Parties enter this Agreement in order to set forth terms and conditions governing Consultant’s performance of the services described herein.

B. AGREEMENT

NOW, THEREFORE, IT IS AGREED AS FOLLOWS:

1. Scope of Services.

Consultant shall furnish all labor, materials, equipment, and supplies necessary or incidental to performing the services generally described in the Scope of Services attached hereto as Exhibit “A”, any applicable request for proposals issued by the District, and as otherwise required by this Agreement, all to District’s satisfaction (collectively, “Services”).

2. Compensation.

a. Subject to Section 2.b, below, the District shall pay for the Services satisfactorily performed and as directed by the District in accordance with the Schedule of Rates/Payments set forth in Exhibit “B”, attached hereto.

b. In no event shall the total amount paid for services rendered by Consultant during the term of this Agreement exceed the sum of \$99,165. This amount covers and is inclusive of all labor, materials, and any and all other costs incurred by Consultant in performing the Services, unless otherwise agreed upon in writing. Consultant shall be deemed to have made all necessary inquiries and site inspections prior to agreeing to perform the Services. Unless the Parties have agreed on a one-time flat fee, periodic payments for undisputed work shall be made within thirty (30) days of receipt of an invoice which includes a detailed description of the work performed and as directed by the District. Payments to Consultant for work performed will be made on a monthly billing basis.

3. Additional Work.

The Parties may agree on additional work to be provided as part of the Services. The District General Manager is authorized to approve additional work not exceeding 10% of the contract price by written memo signed by the parties. Otherwise, an amendment to this Agreement shall be prepared by the District and executed by both Parties authorizing such additional work and compensation therefor, prior to such work being performed.

4. Maintenance of Records.

Books, documents, papers, accounting records, and other evidence pertaining to costs incurred and work performed shall be maintained by Consultant and made available for review by the District at all reasonable times during the term of this Agreement and for four (4) years from the date of final payment by District.

5. Term; Time of Performance.

The term of this Agreement shall commence on the execution of this agreement is signed and shall expire at the end of business on **December 31, 2023**, unless extended or earlier terminated as provided herein. Consultant shall complete the Services within the term of this Agreement, and shall meet any other milestones, schedules and deadlines agreed upon in writing. Consultant shall commence work within three (3) business days of receiving District's verbal or written notice to proceed. Consultant represents that it has the professional and technical personnel required to satisfactorily perform the Services as required by this Agreement. All indemnification provisions of this Agreement shall survive and remain in effect following the termination of this Agreement. The Parties may agree in writing to extend the term of this Agreement if necessary to complete the Services, or when deemed to be in the District's best interest.

6. Delays in Performance.

a. Force Majeure. Neither District nor Consultant shall be considered in default of this Agreement for delays in performance caused by force majeure events. Force majeure events mean and refer to circumstances beyond the reasonable control of the non-performing Party including, but not limited to, abnormal weather conditions; floods; earthquakes; fire; epidemics resulting in "stay at home" or similar binding governmental orders; war; riots and other civil disturbances; strikes, lockouts, work slowdowns, and other labor disturbances; sabotage or judicial restraint. Consultant's lack of financial capability, in the absence of any of the foregoing events, shall not constitute a force majeure event.

b. Should a force majeure event occur, the non-performing Party shall promptly, upon becoming aware of its inability to perform, give written notice to the other Party describing the circumstances preventing continued performance and the efforts being made to resume performance of this Agreement.

7. Compliance with Law.

a. Consultant shall comply with all applicable laws, ordinances, statutes, codes and regulations of the federal, state and local government, including Cal/OSHA requirements.

b. District may, but is not required, to assist Consultant in obtaining and maintaining all permits required of Consultant by federal, state and/or local regulatory agencies.

c. If applicable, and unless otherwise provided in the Scope of Services, Consultant is responsible for all costs of clean up and/or removal of hazardous and toxic substances spilled as a result of Consultant's services or operations performed under this Agreement.

8. Standard of Care.

Consultant's Services shall be performed in accordance with the generally accepted professional standards of practice and principles and in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently performing similar services under similar conditions. Consultant shall, at all times herein, possess any and all State of California and/or federal professional licenses and certifications, as applicable, required to lawfully perform the Services.

9. Assignment and Subcontracting.

Consultant shall not assign or transfer this Agreement or any rights or obligations under, or any interest in this Agreement, or subcontract any required performance hereunder, without the prior written consent of the District, which may be withheld for any reason. The Services required to be performed by the Consultant are personal to the Consultant. Any attempt to so assign, transfer, or subcontract without such consent shall be void and without legal effect and shall constitute grounds for termination. Authorized subcontracts, if any, shall contain a provision making the subcontractor subject to all requirements of this Agreement.

10. Independent Contractor.

Consultant is retained as an independent contractor and is not an employee of District. No employee or agent of Consultant is or shall become an employee of District. The work to be performed shall be in accordance with the Scope of Services described in this Agreement, subject to such directions and amendments from District as herein provided.

a. All work and other Services provided pursuant to this Agreement shall be performed by Consultant or by Consultant's employees or other personnel under Consultant's supervision, and Consultant and all of Consultant's personnel shall possess the qualifications, permits, and licenses required by State and local law to perform the Services, including, without limitation, a City of Beaumont business license. Consultant will determine the means, methods, and details by which Consultant's personnel will perform the Services. Consultant shall be solely responsible for the satisfactory work performance of all personnel engaged in performing the Services and compliance with the customary professional standards.

b. All of Consultant's employees and other personnel performing any of the Services under this Agreement on behalf of Consultant shall also not be employees of District and shall at all times be under Consultant's exclusive direction and control. Consultant and Consultant's personnel shall not supervise any of District's employees; and District's employees shall not supervise Consultant's personnel. Consultant's personnel shall not wear or display any District uniform, badge, identification number, or other information identifying such individual as an employee of District; and Consultant's personnel shall not use any District email address or District telephone number in the performance of any of the Services under this Agreement. Consultant shall acquire and maintain at its sole cost and expense such vehicles, equipment and supplies as Consultant's personnel required to perform any of the Services required by this Agreement. Consultant shall perform all Services off of District premises at locations of Consultant's choice, except as otherwise may from time to time be necessary in order for Consultant's personnel to receive projects from District, review plans on file at District, pick up or deliver any work product related to Consultant's performance of any Services under this Agreement, or as may be necessary to inspect or visit District locations and/or private property to perform such Services. District may make a computer available to Consultant from time to time for Consultant's personnel to obtain information about or to check on the status of projects pertaining to the Services under this Agreement.

c. Consultant shall be responsible for and shall pay all wages, salaries, benefits and other amounts due to Consultant's personnel in connection with their performance of any Services under this Agreement and as required by law. Consultant shall be responsible for all reports and obligations respecting such additional personnel, including, but not limited to: Social Security taxes, other retirement or pension benefits, income tax withholding, unemployment insurance, disability insurance, and workers' compensation insurance. Notwithstanding any other agency, State, or federal policy, rule, regulation, statute or ordinance to the contrary, Consultant and its officers, employees, agents, and subcontractors providing any of the Services under this Agreement shall not become entitled to, and hereby waive any claims to, any wages, salaries, compensation, benefit or any incident of employment by District, including but not limited to, eligibility to enroll in, or reinstate to membership in, the California Public Employees Retirement System ("PERS") or any other retirement program, as an employee of District, and entitlement to any contribution to be paid by District for employer contributions or employee contributions for PERS benefits or any other retirement benefits.

11. PERS Compliance.

The Parties acknowledge that District is a local agency member of PERS, and as such has certain pension reporting and contribution obligations to PERS on behalf of qualifying employees. Consultant agrees that, in providing its employees and any other personnel to District to perform any work or other Services under this Agreement, Consultant shall assure compliance with the Public Employees' Retirement Law, commencing at Government Code § 20000, the regulations of PERS, and the Public Employees' Pension Reform Act of 2013, as amended. Without limitation to the foregoing, Consultant shall assure compliance with regard to personnel who have active or inactive membership in PERS and to those who are retired annuitants and in performing this Agreement shall not assign or utilize any of its personnel in a manner that will cause District to be in violation of the applicable retirement laws and regulations.

12. Insurance. Unless otherwise permitted in writing by District's Risk Manager, Consultant shall not commence work for the District until it has secured all insurance required

under this section and provided evidence thereof that is acceptable to the District. In addition, Consultant shall not allow any subcontractor to commence work on any subcontract until it has secured all insurance required under this section.

a. Commercial General Liability

(i) Consultant shall take out and maintain, during the performance of all work under this Agreement, in amounts not less than specified herein, Commercial General Liability Insurance, in a form and with insurance companies acceptable to the District.

(ii) Coverage for Commercial General Liability insurance shall be at least as broad as the following:

(1) Insurance Services Office Commercial General Liability coverage (Occurrence Form CG 00 01) or exact equivalent.

(iii) Commercial General Liability Insurance must include coverage for the following:

- (1) Bodily Injury and Property Damage
- (2) Personal Injury/Advertising Injury
- (3) Premises/Operations Liability
- (4) Products/Completed Operations Liability
- (5) Aggregate Limits that Apply per Project
- (6) Explosion, Collapse and Underground (UCX) (by deletion of this exclusion)
- (7) Contractual Liability with respect to this Agreement
- (8) Broad Form Property Damage
- (9) Independent Consultants Coverage

(iv) The policy shall contain no endorsements or provisions limiting coverage for (1) contractual liability; (2) cross liability exclusion for claims or suits by one insured against another; (3) products/completed operations liability; or (4) contain any other exclusion contrary to the Agreement.

(v) The policy shall be endorsed to name the District, its elected and appointed officials, officers, employees, agents, servants, designated volunteers and agents serving as independent contractors in the role of District officials, as additional insureds using ISO endorsement forms CG 20 10 10 01 and 20 37 10 01, or endorsements providing the exact same coverage.

(vi) Subject to the District's written approval, the general liability coverage may utilize deductibles or provide coverage excess of a self-insured retention, provided that such deductibles shall not apply to coverage of the Additional Insureds.

b. Automobile Liability

(i) At all times during the performance of the work under this Agreement, Consultant shall maintain Automobile Liability Insurance for bodily injury and property damage including coverage for owned, non-owned and hired vehicles, in a form and with insurance companies acceptable to the District.

(ii) Coverage for automobile liability insurance shall be at least as broad as Insurance Services Office Form Number CA 00 01 covering automobile liability (Coverage Symbol 1, any auto).

(iii) The policy shall be endorsed to name the District, its officials, officers, employees, agents and District designated volunteers as additional insureds.

(iv) Subject to the District's written approval, the automobile liability coverage may utilize deductibles or provide coverage excess of a self-insured retention, provided that such deductibles shall not apply to coverage of the Additional Insureds.

c. Workers' Compensation/Employer's Liability

(i) Consultant certifies that Consultant is aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and he/she/it will comply with such provisions before commencing work under this Agreement.

(ii) To the extent Consultant has employees at any time during the term of this Agreement, at all times during the performance of the work under this Agreement, Consultant shall maintain full compensation insurance for all persons employed directly by him/her to carry out the work contemplated under this Agreement, all in accordance with the "Workers' Compensation and Insurance Act," Division IV of the Labor Code of the State of California and any acts amendatory thereof, and Employer's Liability Coverage in amounts indicated herein. Consultant shall require all subcontractors to obtain and maintain, for the period required by this Agreement, workers' compensation coverage of the same type and limits as specified in this section.

d. Professional Liability (Errors and Omissions) (unless waived in writing by the District's risk manager)

At all times during the performance of the work under this Agreement, the Consultant shall maintain professional liability or Errors and Omissions insurance appropriate to its profession, in a form and with insurance companies acceptable to the District and with the limits required herein. This insurance shall be endorsed to include contractual liability applicable to this Agreement and shall be written on a policy coverage form specifically designed to protect against acts, errors or omissions of the Consultant in the performance of professional services. "Covered Professional Services" as designated in the policy must specifically include work performed under this Agreement. The policy must "pay on behalf of" the insured and must include a provision establishing the insurer's duty to defend.

e. Cyber Security Insurance

(i) At all times during the performance of the work under this Agreement, Consultant shall maintain \$2,000,000 per occurrence of Cyber Security Liability Insurance.

f. Minimum Policy Limits Required

(i) The following insurance limits are required for the Agreement:

Combined Single Limit

Commercial General Liability	\$1,000,000 per occurrence/ \$2,000,000 aggregate for bodily injury, personal injury, and property damage
Automobile Liability	\$1,000,000 per occurrence (any auto) for bodily injury and property damage
Workers' Compensation	In the amount required by California law.
Employer's Liability	\$1,000,000 per occurrence
Professional Liability	\$1,000,000 per claim and aggregate (errors and omissions)
Cyber Security Liability	\$2,000,000 per occurrence

(ii) Defense costs shall be payable in addition to the limits.

(iii) Requirements of specific coverage or limits contained in this section are not intended as a limitation on coverage, limits, or other requirements, or a waiver of any coverage normally provided by any insurance. Any available coverage shall be provided to the parties required to be named as Additional Insured pursuant to this Agreement.

g. Evidence Required

Prior to execution of the Agreement, Consultant shall file with the District evidence of insurance from an insurer or insurers certifying to the coverage of all insurance required herein. Such evidence shall include original copies of the ISO CG 00 01 (or insurer's equivalent) signed by the insurer's representative and Certificate of Insurance (Acord Form 25-S or equivalent), together with required endorsements. All evidence of insurance shall be signed by a properly authorized officer, agent, or qualified representative of the insurer and shall certify the names of the insured, any additional insureds, where appropriate, the type and amount of the insurance, the location and operations to which the insurance applies, and the expiration date of such insurance.

h. Policy Provisions Required

(i) Consultant shall provide the District at least thirty (30) days prior written notice of cancellation of any policy required by this Agreement, except that the Consultant shall provide at least ten (10) days prior written notice of cancellation of any such policy due to non-payment of premium. If any of the required coverage is cancelled or expires during the term of this Agreement, Consultant shall deliver renewal certificate(s) including the required Additional Insured endorsement to the District at least ten (10) days prior to the effective date of cancellation or expiration.

(ii) The Commercial General Liability Policy and Automobile Liability Policy shall each contain a provision stating that Consultant's policy is primary insurance and that any insurance, self-insurance or other coverage maintained by the District or any additional insureds shall not be called upon to contribute to any loss.

(iii) The retroactive date (if any) of each policy is to be no later than the effective date of this Agreement. If a "claims-made" professional liability policy is provided, it shall include an extended reporting period of not less than three (3) years.

(iv) All required insurance coverages, except for the professional liability coverage, shall contain or be endorsed to provide a waiver of subrogation in favor of the District, its elected and appointed officials, officers, employees, agents, servants, designated volunteers and agents serving as independent contractors in the role of District officials, or shall specifically allow Consultant or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Consultant hereby waives its own right of recovery against District, and shall require similar written express waivers and insurance clauses from each of its subcontractors.

(v) The limits set forth herein shall apply separately to each insured against whom claims are made or suits are brought, except with respect to the limits of liability. Further the limits set forth herein shall not be construed to relieve the Consultant from liability in excess of such coverage, nor shall it limit the Consultant's indemnification obligations to the District and shall not preclude the District from taking such other actions available to the District under other provisions of the Agreement or law.

i. Each policy of insurance required herein shall be from a company or companies having a current A.M. Best's rating of no less than A:VII and admitted and authorized to transact the business of insurance in the State of California.

j. Additional Insurance Provisions

(i) The foregoing requirements as to the types and limits of insurance coverage to be maintained by Consultant, and any approval of said insurance by the District, is not intended to and shall not in any manner limit or qualify the liabilities and obligations otherwise assumed by Consultant pursuant to this Agreement, including but not limited to, the provisions concerning indemnification.

(ii) If at any time during the life of the Agreement, any policy of insurance required under this Agreement does not comply with these specifications or is canceled and not replaced, District has the right but not the duty to obtain the insurance it deems necessary and any premium paid by District will be promptly reimbursed by Consultant or District will withhold amounts sufficient to pay premium from Consultant payments. In the alternative, District may terminate this Agreement for cause.

(iii) District may require Consultant to provide for inspection by District, complete copies of all insurance policies in effect for the duration of the Agreement.

(iv) No District elected or appointed official, officer, employee, agent or volunteer shall be personally responsible for any liability arising under or by virtue of this Agreement.

(v) The insurance obligations under this Agreement shall be: (1) all the insurance coverage and/or limits carried by or available to Consultant; or (2) the minimum insurance coverage requirements and/or limits shown in this Agreement; whichever is greater. Any insurance proceeds in excess of or broader than the minimum required coverage and/or minimum required limits, which are applicable to a given loss, shall be available to District. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of Consultant under this Agreement.

k. Subcontractor Insurance Requirements

Consultant shall not allow any subcontractor to commence work on any subcontract until it has provided evidence satisfactory to the District that it has secured all insurance required under this section. Policies of commercial general liability insurance provided by such subcontractors shall be endorsed to name the District, its elected and appointed officials, officers, employees, agents, servants, designated volunteers and agents serving as independent contractors in the role of District officials as additional insureds, using ISO form CG 20 38 04 13 or an endorsement providing the exact same coverage. If requested by Consultant, District may approve different scopes or minimum limits of insurance for particular subcontractors.

13. Indemnification.

a. To the fullest extent permitted by law, Consultant shall defend (with counsel reasonably approved by District), indemnify and hold the District, its elected and appointed officials, officers, attorneys, agents, employees, servants, designated volunteers, successors, assigns and those District agents serving as independent contractors in the role of District officials (collectively "Indemnitees" in this Section 13) free and harmless with respect to any and all claims, demands, causes of action, costs, expenses, liabilities, losses, damages, stop notices and/or injury of any kind, in law or equity, to property or persons, including bodily injury, wrongful death, personal injury and property damage, to the extent arising out of, pertaining to, or incidental to any acts, errors, omissions, default, and/or willful misconduct of Consultant, its owners, officials, officers, employees, servants, subcontractors, consultants or agents in connection with the performance of the Consultant's Services, and/or this Agreement, including without limitation the payment of all damages, expert witness fees and attorney's fees and other related costs and expenses. Consultant's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by Consultant, or by the District or any of the other Indemnitees.

b. The provisions of this Section 13 shall survive the termination of this Agreement.

14. Termination.

a. District has the right to terminate any portion or all of the Services under this Agreement with or without cause, by giving ten (10) calendar days' prior, written notice to Consultant. In such event, District shall be immediately given title to and possession of all Work Product and original field notes, drawings and specifications, written reports and all other documents produced or developed pursuant to this Agreement. Provided Consultant is not then in breach, District shall pay Consultant for that portion of the Services satisfactorily completed prior to termination. If said termination occurs prior to completion of any specific task for which a payment request has not been received, the charge for Services performed shall be the reasonable value of such Services, based on an amount agreed to by District and Consultant. District shall not be liable for any costs other than the charges or portions thereof which are specified herein. Consultant shall not be entitled to payment for unperformed services or services within the Scope Services performed prior to the effective date of this Agreement, and shall not be entitled to damages or compensation resulting from termination of this Agreement.

b. Consultant may terminate this Agreement for cause by serving written notice of termination to the District, provided Consultant has first served the District with a written notice of default and demand to cure, and District has failed to cure such default within thirty (30) days of receipt of such notice.

15. Ownership of Work Product.

a. Except as otherwise provided in Section 14, "Termination", above, and unless otherwise agreed upon in writing, all draft and final reports, documents, and other written material, and any and all images, ideas, concepts, designs including website designs, source code, object code, electronic data and files, and/or other media whatsoever created or developed by Consultant for the District in the performance of this Agreement (collectively, "Work Product") shall be considered to be "works made for hire" for the benefit of District. All Work Product and any and all intellectual property rights arising from their creation, including, but not limited to, all copyrights and other proprietary rights, shall be and remain the property of District without restriction or limitation upon their use, duplication or dissemination by District upon final payment being made provided that any such use shall be at District's sole risk. Consultant shall not obtain or attempt to obtain copyright protection as to any of the Work Product.

b. Consultant hereby assigns to District all rights of ownership to the Work Product, including any and all related intellectual property and proprietary rights that are not otherwise vested in the District pursuant to subsection (a), above.

c. Consultant warrants and represents that it has secured all necessary licenses, consents or approvals necessary to the production of the Work Product, and that upon final payment or Consultant's default, District shall have full legal title to the Work Product, and full legal authority and the right to use and reproduce the Work Product for any purpose. Consultant shall defend, indemnify and hold District, and the other Indemnitees (as defined in

Section 13(a), above) harmless from any and all loss, claim or liability in any way related to a claim that District's use of any of the Work Product violates federal, state or local laws, or any contractual provisions, or any rights or laws relating to trade names, licenses, franchises, copyrights, patents or other means of protecting intellectual property rights and/or interests in products, ideas or inventions. Consultant shall bear all costs arising from the use of patented, copyrighted, trade secret or trademarked documents, materials, equipment, devices or processes in connection with its provision of the Work Product produced under this Agreement. In the event the use of any of the Work Product or other deliverables hereunder by District is held to constitute an infringement and the use of any of the same is enjoined, Consultant, at its expense, shall: (a) secure for District the right to continue using the Work Product and other deliverables by suspension of any injunction, or by procuring a license or licenses for District; or (b) modify the Work Product and other deliverables so that they become non-infringing while remaining in compliance with the requirements of this Agreement. This covenant shall survive the termination of this Agreement.

16. Party Representatives.

Consultant hereby designates _____, or his or her designee, as Consultant's Representative for this Agreement, unless and until written notice of a new representative acceptable to District is provided to District. District hereby designates Daniel Jagers, or his or her designee, as District's Representative for this Agreement. The foregoing Representatives shall be authorized to approve non-monetary revisions to this Agreement, provide consent where required herein, and to make other administrative decisions that will be binding on their respective Party, except as otherwise specifically required herein.

17. Notices.

Any notice or instrument required to be given or delivered by this Agreement may be given or delivered by depositing the same in any United States Post Office, certified mail, return receipt requested, postage prepaid, addressed to:

DISTRICT:

Beaumont-Cherry Valley Water District
P.O. Box 2037560 Magnolia Avenue
Beaumont, CA 92223
Fax: (951) 845 0159
Attention: Daniel Jagers, General Manager

CONSULTANT:

CV Strategies
73700 Dinah Shore Drive, Unit 402
Palm Desert, CA 92211
Phone: (760) 641-0739
Attention: Erin LaCombe,
President Email: erin@cvstrat.com

and shall be effective upon receipt thereof.

18. Third Party Rights.

Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the District and the Consultant.

19. Equal Opportunity Employment.

Consultant represents that it is an equal opportunity employer and that it shall not discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, sex, age or other interests protected by the State or Federal Constitutions. Such non-discrimination shall include, but not be limited to, all activities related to initial employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination.

20. Entire Agreement.

This Agreement, with its exhibits, all of which are incorporated by reference herein, and all documents incorporated by reference, represents the entire understanding of District and Consultant as to those matters contained herein, and supersedes and cancels any prior or contemporaneous oral or written understanding, promises or representations with respect to those matters covered hereunder. Each Party acknowledges that no representations, inducements, promises or agreements have been made by any person which are not incorporated herein, and that any other agreements shall be void. This Agreement may not be modified or altered except in writing signed by both Parties hereto. This is an integrated Agreement. In the event of any conflict or inconsistency between the provisions of this Agreement and any exhibit hereto or document incorporated by reference herein, the provisions of this Agreement, then the District's RFP, if any, shall govern.

21. Severability.

The unenforceability, invalidity or illegality of any provision(s) of this Agreement shall not render the remaining provisions unenforceable, invalid or illegal.

22. Successors and Assigns.

This Agreement shall be binding upon and shall inure to the benefit of the successors in interest, executors, administrators and authorized assigns of each Party to this Agreement.

23. Non-Waiver.

None of the provisions of this Agreement shall be considered waived by either Party, unless such waiver is specified in writing, and any such waiver shall be limited to that set of circumstances and not to any future circumstances unless another written waiver is executed.

24. Time of Essence.

Time is of the essence in each and every provision of this Agreement.

25. District's Right to Employ Other Consultants.

District reserves its right to employ other consultants to provide the Services or similar services to the District.

26. Interest of Consultant.

Consultant covenants that it presently has no interest, and shall not acquire any interest, direct or indirect, financial or otherwise, which would conflict in any manner or degree with the performance of the Services under this Agreement. Consultant certifies that no one who has or will have any financial interest under this Agreement is an officer or employee of the District.

27. Governing Law and Venue.

This Agreement shall be interpreted in accordance with the laws of the State of California without regard for change of venue laws. If any action is brought to interpret or enforce any term of this Agreement, the action shall be brought in a state or federal court situated in the County of Riverside, State of California. Consultant must comply with the claim procedures set forth in Government Code section 900, et seq. prior to filing any lawsuit against the District.

28. Attorneys' Fees. The prevailing Party in any legal action brought for breach or to compel performance, shall be entitled to recover their reasonable attorney's fees and costs.

29. Interest of Subcontractors.

Consultant further covenants that, in the performance of this Agreement, no subcontractor or person having any interest, direct or indirect, financial or otherwise, which would conflict in any manner or degree with the performance of the Services under this Agreement shall be employed. Consultant has provided District with a list of all subcontractors and the key personnel for such subcontractors that are retained or to be retained by Consultant in connection with the performance of the Services, to assist the District in affirming compliance with this Section.

30. Prohibited Interests.


Consultant maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Agreement. Further, Consultant warrants that it has not paid nor has it agreed to pay any company or person, other than a bona fide employee working solely for Consultant, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Agreement. If required, Consultant further agrees to file, or shall cause its employees or subcontractors to file, a Statement of Economic Interest with the District's Filing Officer as required under state law in the performance of the Services. For breach or violation of this warranty, District shall have the right to rescind this Agreement without liability. For the term of this Agreement, no director, official, officer or employee of District, during the term of his or her service with District, shall have any direct interest in this Agreement, or obtain any present or anticipated material benefit arising therefrom.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date first written above.

BEAUMONT-CHERRY VALLEY
WATER DISTRICT

CV STRATEGIES

By: 
Daniel Jagers
General Manager

By: 
Its: President

Printed Name: Erin LaCombe

By: 
Its: Vice President

Printed Name: Tara Bravo Mulally

(Two signatures required for corporations pursuant to California Corporations Code Section 313, unless corporate documents authorize only one person to sign this Agreement on behalf of the corporation.)

ATTEST:

By: 
Secretary

EXHIBIT A

Scope of Services

The following are specific services and items the successful consultant will be required to provide as directed by the District if awarded the contract and addressed in each proposal.

The District seeks a cost-effective approach for Social Media and Public relations services for community outreach and communication specific, but not limited to, Water District and its customers. The following shall act only as a general preliminary Scope of Services to communicate the District's expectations. Firms should identify any additional services required to meet District's expectations, provide a price, and document the reasons for the additional services. It is at the District's discretion which services are required.

Account Management

1. By phone or teleconference capabilities, execute a weekly strategy discussion with designated District contact(s).
2. Monitor local and national publications and online alerts for Beaumont/Cherry Valley stories.
3. Provide Spanish and other language translation services for targeted communication pieces.
4. Develop and manage a 12-month calendar for District communications and an execution plan.
5. Provide management and direction in implementing and maintaining a strategic communication plan by managing media relations for the Beaumont-Cherry Valley Water District, keeping the public and the workforce informed, and engaging the public in special District, water district, and local government subject matters.
6. Campaign, manage, and monitor the use of all forms, including social media platforms, the District's media channels, print materials, and other communication methods that are available or might become available in the future.
7. Provide recommendations and strategies as deemed appropriate to enhance the District's image, messaging, and brand identity.
8. Provide crisis communication counsel, as necessary.
9. Concept development, including quality graphic design.

10. Develop original copy (text), copywriting, and editing, including Spanish and other language marketing collateral.

Community Outreach

1. Develop a monthly digital news platform to educate and advise subscribers on District's issues, meetings, events, programs, services, and projects.
2. Work with District partners and influencers to gather news about Beaumont-Cherry Valley Water District for distribution via social media, e-news platform, and the District website.
3. Develop news releases, media advisories, articles, website content, and fact sheet for District events, initiatives, projects, and services.
4. Provide Community outreach to ensure public engagement related to District ongoing activities and objectives, including ongoing drought messaging, water quality reporting, graphic design, and media production.
5. Examine existing and upcoming programs and initiatives of the District and develop strategies for promoting efforts in the community.

Public Relations

1. Enhance the District's social media outlets, including providing strategic support for communication projects, initiatives, and campaigns designed to advance the District's vision, mission, image, and branding.
2. Develop public relations strategies to raise public and community awareness of the District's upcoming events.
3. Create messaging to drive interaction and share relevant content by providing opportunities to interact with the programs and services. Draft and edit news releases and media advisories and distribute designated media outlets upon direction and approval by the District's General Manager or designee.
4. Develop public relations strategies to raise public and community awareness of the District's matters upon direction and approval by the District's General Manager and Board of Directors.
5. Continue to refine and develop new customer onboarding engagements via email messages and content about the District services, meetings, and service options.
6. Develop strategies for countering misinformation and misconceptions.

7. Tracking and responding to stories, events, and crises in the media that may benefit the District from a response on behalf of the District upon direction and approval by the District's General Manager or designee.

Social Media

1. Work with District's IT Department to continue to refine and develop the District's ongoing email strategy using the current tools approved for use.
2. Provide District staff with guidance on email marketing best practices as a critical source for social media content. Identify appropriate imagery to aid social media posts' work impact and reach.
3. Build messaging that can be used in various channels, including social media and paid traditional media, to target critical audiences through timely and relevant channels to drive awareness, create an emotional connection, educate on essential actions, and drive traffic to the website.

Multi-Media

1. Produce 1 video in English and Spanish, 30 seconds to a minute, of an approved subject matter to address community water issues, provide public information explanation, or event promotion. Provide the multi-media video to District Staff in a format required by the District's Information Technology Department.

Monthly reports

1. Submit Monthly/Quarterly (including monthly analytics) and end-of-year annual reports to the District summarizing activities during the previous month before identified due date. The District Staff will assign subjects to the monthly report.
2. Attend/Present Quarterly Board meetings & AD-HOC (as needed)

Exhibit B

Schedule of Rates/Payments

Consultant will invoice District on a monthly cycle or otherwise as expressly provided in this Agreement for work performed and in accordance with the Outreach Cost Menu-2023 and as directed by the District. Consultant will include a detailed progress report with each invoice indicating the amount of budget spent on each task, as applicable. Consultant will inform District regarding any out-of-scope work performed by Consultant. Any other terms and conditions relating to the amount of compensation to be paid to Consultant are as follows:



Beaumont-Cherry Valley Water District
Outreach Cost Menu - 2023

Outreach Cost Menu may be revised according to the needs of BCVWD.

INITIATIVES - ACTION PLAN	HOURS	COST
DRAFT- PROJECT INITIATIVES		
WATER SUPPLY AND CONSERVATION OUTREACH		
STORMWATER OUTREACH		
RECYCLED WATER		
CAPACITY FEES OUTREACH		
SITES RESERVOIR		
WATER RATE STUDY (PREP)		
ACCOUNT MANAGEMENT	65	\$12,025
<ul style="list-style-type: none"> • Weekly strategic meetings with BCVWD • Monitor all publications • Development/Management of a 12-month Communications Calendar • Development/Management of Quarterly OP-ED Calendar 		
<ul style="list-style-type: none"> • Manage a 12-Month Strategic Plan for Community Outreach 		
CRISIS COMMUNICATIONS PLAN		
<ul style="list-style-type: none"> • Develop a comprehensive crisis communications plan 		

Community Outreach/Public Relations	280	\$51,800
<ul style="list-style-type: none"> • Provide Translation Services as Needed • Provide ongoing support as needed • Develop/Manage a monthly digital news platform • Develop news releases, media advisories, articles, website content, and collateral for District events, initiatives, projects, and services. • Develop/Implement a 12-Month Strategic Plan for Community Outreach 		
SPRING & FALL NEWSLETTERS (Digital Only)		
<ul style="list-style-type: none"> • Develop editorial calendar • Write content • Design newsletter 		
Compliance		
<ul style="list-style-type: none"> • Consumer Confidence Report • Bill Insert(s) • Legislative Requirements • Prep for Water Rate Study 		
SOCIAL MEDIA MANAGEMENT	120	\$22,200
<ul style="list-style-type: none"> • Develop a monthly social media calendar by the 3rd Monday of the prior month • Submit to BCVWD-(IT) Before last Wednesday of the prior Month • Provide social media support as needed 		
Multimedia/VIDEO DEVELOPMENT	30	\$5,550
<ul style="list-style-type: none"> • Facilitate, film, and log footage for videos • Produce 1 video in English and Spanish, 30 seconds to a minute 		
MONTHLY REPORTS & MEETING PARTICIPATION	45	\$8,325
<ul style="list-style-type: none"> • Attend/Present Quarterly Board meetings & AD-HOC (as needed) • Provide support as needed • Submit Monthly/Quarterly reports (including monthly analytics) 		
Proposed Annual Budget (Does Not Include Printing or Postage)	540	\$99,900

Attachment 3

BEAUMONT-CHERRY VALLEY WATER DISTRICT FIRST AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT WITH CV Strategies

This First Amendment is made and entered into as of _____, 2024 by and between the Beaumont-Cherry Valley Water District, a California Irrigation District (“District”), and CV STRATEGIES, a Public Relations Consulting Service (“Consultant”). District and Consultant are sometimes individually referred to as “Party” and collectively as “Parties” in this Agreement.

Except as modified in this First Amendment, the Agreement dated January 01, 2024, between the District and the Consultant shall remain in full force and effect.

The parties to this First Amendment agree to the following changes and additions:

Change

Replace Section 5. in its entirety with the following:

5. Term; Time of Performance. The term of this Agreement shall commence on the date first set forth above and shall expire at the end of business on December 31, 2024, unless extended or earlier terminated as provided herein. Consultant shall complete the Services within the amended of the original Agreement, and shall meet any other milestones, schedules and deadlines agreed upon in writing. Consultant shall commence work within three (3) business days of receiving District’s verbal or written notice to proceed. Consultant represents that it has the professional and technical personnel required to satisfactorily perform the Services as required by this Agreement. All indemnification provisions of the Original Agreement shall survive and

remain in effect following the termination of this Agreement. The Parties may agree in writing to extend the term of this Agreement if necessary to complete the Services, or when deemed to be in the District's best interest.

Replace Section B. 1. Scope of Services in its entirety with the following: Scope of Services. Consultant shall furnish all labor, materials, equipment, and supplies necessary or incidental to performing the services generally described in the amended Scope of Services attached hereto as Exhibit "A", any applicable request for proposals issued by the District, and as otherwise required by this Agreement, all to District's satisfaction (collectively, "Services".)

IN WITNESS WHEREOF, the parties have executed this FIRST AMENDMENT

DISTRICT

CONSULTANT

Daniel K. Jagers, General Manager
Beaumont-Cherry Valley Water District

CV Strategies (Consultant)

Attachment 4



Beaumont-Cherry Valley Water District Outreach Cost Menu - 2024

ACTION PLAN	HOURS	COST	NOTES
ACCOUNT MANAGEMENT	45	\$8,325	Reduced from 65 hours this year, moving to every other week meetings with staff. Removes 12-month implementation plan/calendar.
<ul style="list-style-type: none"> Participate in strategic meetings (every other week with staff) Monitor media outlets Develop and manage quarterly media outreach calendar 			
COMMUNITY OUTREACH/PUBLIC RELATIONS - OVERALL	220	\$40,700	Reduced from 280 hours by removing newsletters. Items to be completed as budget allows.
<p>GENERAL SUPPORT</p> <ul style="list-style-type: none"> Develop strategies to support District events, initiatives, projects and services Leverage industry partnerships as appropriate Translate materials/content as needed <p>WATER QUALITY REPORT/CCR</p> <ul style="list-style-type: none"> Craft content Design report, including approved data Create postcard mailer <p>MEDIA OUTREACH</p> <ul style="list-style-type: none"> Write and distribute up to six press releases/op-eds Follow up with media on distributed items <p>DIGITAL SUPPORT</p> <ul style="list-style-type: none"> Leverage content created to support e-blast distribution Support website content development as needed <p>COLLATERAL</p> <ul style="list-style-type: none"> Create bill inserts, handouts and other collateral as needed <p>COMPLIANCE</p> <ul style="list-style-type: none"> Support compliance and legislative requirements as needed 			
COMMUNITY OUTREACH/PUBLIC RELATIONS - WATER RATE EDUCATION	160	\$29,600	Does not include Board message decks or Board/staff training.
<p>GENERAL SUPPORT</p> <ul style="list-style-type: none"> Develop outreach plan and timeline Leverage and update materials created in 2019 Update talking points for Board and staff use <p>COLLATERAL</p> <ul style="list-style-type: none"> Update FAQs handout (leverage on website) Update pocket guide for field staff Design bill insert or lobby card <p>DIGITAL</p> <ul style="list-style-type: none"> Create social media content and graphics Write website news and rates webpage content (before and after public hearing) <p>PROPOSITION 218 NOTICE</p> <ul style="list-style-type: none"> Create content for public hearing notice Design public hearing notice Coordinate printing and mailing of public hearing notice <p>MEDIA OUTREACH</p> <ul style="list-style-type: none"> Write press release announcing results after public hearing Provide additional support as needed <p>COMMUNITY MEETING (one)</p> <ul style="list-style-type: none"> Develop presentation materials Update speaker cards, event signage and interest list 			



Beaumont-Cherry Valley Water District
Outreach Cost Menu - 2024

<ul style="list-style-type: none"> Facilitate one community meeting Provide feedback report to Board and District 			
PUBLIC HEARING SUPPORT			
<ul style="list-style-type: none"> Provide support as needed 			
SOCIAL MEDIA MANAGEMENT	84	\$15,540	Reduced from 120 hours, more hours will allow for broader, District-specific and partner messages, less hours will be more AI/basic messages.
<ul style="list-style-type: none"> Develop monthly social media calendar, content and graphics Draft one quote per month Provide social media support as needed 			
MONTHLY REPORTS & MEETING PARTICIPATION	30	\$5,550	Reduced from 45 hours. Quarterly report changed to biannual report. Six Ad-hoc meetings.
<ul style="list-style-type: none"> Attend/present at Ad-hoc Communications Committee meetings (six per year) Present biannual report at Board meetings Create and submit monthly analytics and biannual reports Provide support as needed 			
Proposed Annual Budget (Does Not Include Printing or Postage)		539	\$99,715



**Beaumont-Cherry Valley Water District
Regular Board Meeting
November 21, 2024**

Item 5

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: Resolution 2024-__: Acknowledging the Review, Receipt and Acceptance of the Water Supply Assessment and Consideration of Will-Serve Letter for the Proposed 14201 California Avenue Industrial Project located south of 1st Street and west of Highway 79

Staff Recommendation

Consider the following actions for the 14201 California Avenue Industrial Project, located south of 1st Street and west of Highway 79:

1. Adopt Resolution 2024-__, Acknowledging the Review, Receipt and Acceptance of the Water Supply Assessment for the Proposed 14201 California Avenue Industrial Project.
2. Consider the Request for “Will Serve Letter” for water service to the proposed development of the 14201 California Avenue Industrial Project:
 - a. Approve the request for “Will Serve Letter” for Water Service for a term of one year, or;
 - b. Deny the request for “Will Serve Letter” for Water Service
3. Consider Project Annexation into District Service Boundary
 - a. Approve the request for Annexation of the 14201 California Avenue Industrial Project to the District, or;
 - b. Deny the request for Annexation of the 14201 California Avenue Industrial Project to the District.

Executive Summary

In March 2024, District staff received a formal request to prepare a Water Supply Assessment (WSA) for the 14201 California Avenue Industrial Project (Project), which is located south of 1st Street and west of Interstate Highway 79. At the October 24, 2024 Engineering Workshop, District staff presented Project WSA to the Board for discussion and information purposes. The Project site location is not within the current District Boundary; however, the Project site location is within the District’s Sphere of Influence. The WSA ultimately indicates that there is sufficient supply to serve this Project. Table 1, below, provides a brief summary of the proposed Project.



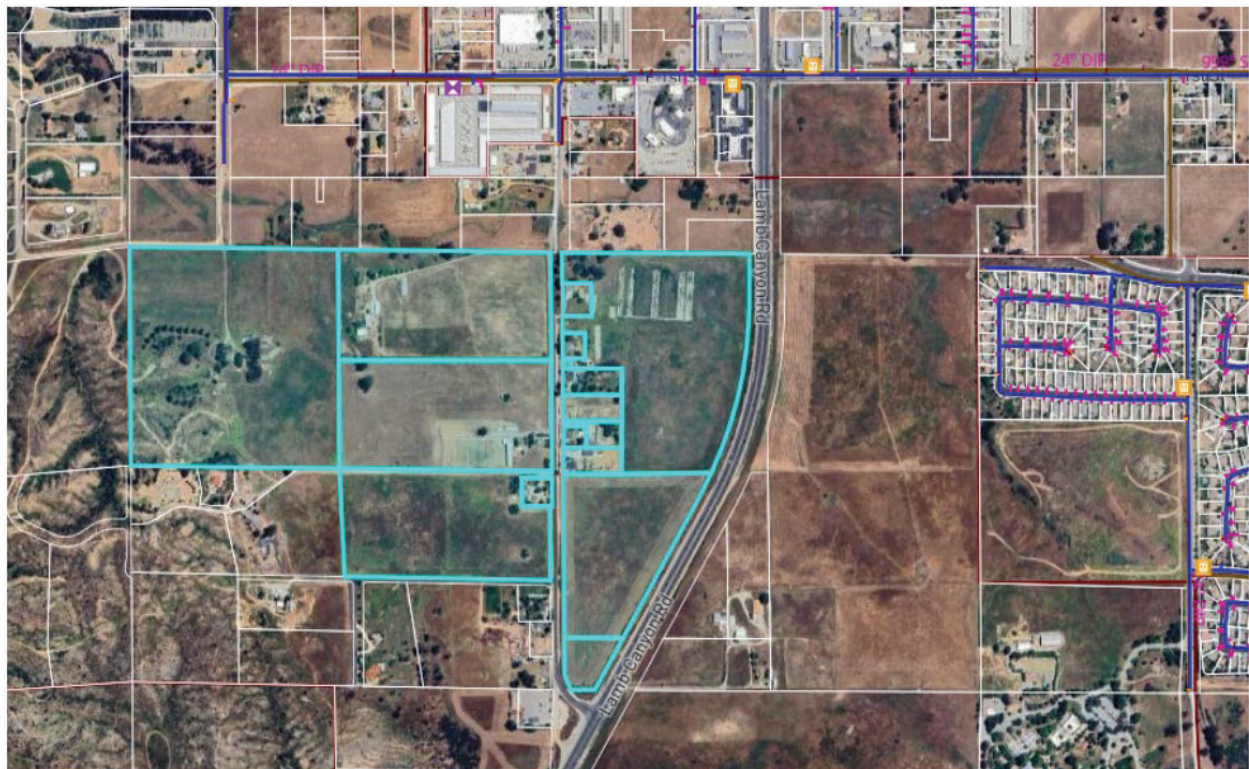
Table 1: Project Summary

Applicant/Developer	Inland Harbor, LLC
Development Type	Industrial
Development Name	14201 California Avenue
Annexation Required (Yes/No)	Yes – Requires Annexation
Total Water Consumption	115 EDUs
Estimated Domestic Water Consumption	51 EDUs
Estimated Irrigation Water Consumption	64 EDUs

Background

In March 2024, District staff received a formal request to prepare a Water Supply Assessment for a project identified as the 14201 California Avenue Industrial Project. The Project is located south of 1st Street and west of Interstate Highway 79. The Project is not within the District’s Service Boundary; however, the Project is within the District’s Sphere of Influence. It is the District’s understanding that the Applicant (Inland Harbor, LLC) is currently working with the City of Beaumont (City) and plans to proceed forward with Riverside Local Agency Formation Committee (LAFCO) to undergo annexation into the City and the District (approximately 129.1 acres of land, shown in Figure 1 herein). At the October 24, 2024 Engineering Workshop, District staff presented the Project WSA to the Board for discussion and information purposes.

Figure 1: 14201 California Avenue Project Location





Discussion

The proposed 14201 California Avenue Project consists of approximately 129.1 gross acres of land over multiple parcels. The Project parcels, which are shown in Figure 1, are described further in Table 2, below.

Table 2 – 14201 California Avenue Assessor Parcel Numbers

Parcel No.	APN No.	Parcel No.	APN No.	Parcel No.	APN No.	Parcel No.	APN No.
1	421-090-003	5	421-090-021	9	421-110-004	13	421-110-021
2	421-090-004	6	421-110-001	10	421-110-006	14	421-110-024
3	421-090-005	7	421-110-002	11	421-110-017	15	421-110-029
4	421-090-011	8	421-110-003	12	421-110-018	16	421-110-030

The Project’s water demands for the proposed Project have been estimated based upon similar industrial projects. The estimated total water demand for the Project is approximately 62.9 acre-feet per year (AFY). This consists of approximately 27.7 AFY water demand for potable water use and 35.2 AFY water demand for non-potable water use.

Table 3: 14201 California Avenue Estimated Water Demand

Phase	Building	Land Use	Building Area (SF)	Potable Water Demand (AFY)	Non-Potable Water Demand (AFY)
1	3	Warehouse	374,248	4.3	4.1
		Office	6,000		
	4	Warehouse	346,496	3.9	4.1
		Office	6,000		
	5	Warehouse	180,841	2.1	3.0
		Office	10,000		
	6	Warehouse	135,899	1.6	5.0
		Office	6,000		
	7	Warehouse	74,699	0.9	2.8
		Office	6,000		
2	1	Warehouse	948,780	10.7	12.0
		Office	10,000		
	2	Warehouse	366,646	4.2	4.2
		Office	6,000		
TOTAL			2,477,609	27.7	35.2

Note: 1 EDU = 487 gal/day (BCVWD 2020 UWMP)

The WSA ultimately indicates that there is sufficient water supply to serve this Project. The WSA analyzes the District demands versus supplies in normal and dry year conditions, which coincides with the District Urban Water Management Plan (UWMP). The WSA references the District 2020



UWMP and the San Geronio Pass Water Agency (SGPWA) 2020 UWMP to determine the available water sources to the District. District staff has also included available water sources from the City of Ventura and Casitas Municipal Water District exchange agreement.

The District is currently working with the Developer's consultant to determine the infrastructure required to supply the demands for the Project. There is an existing 24-inch ductile iron pipe (DIP) domestic water main which terminates approximately 380 linear feet (LF) south of the intersection of 1st Street and California Avenue. There is also an existing 24-inch DIP domestic water main which terminates at the southerly end of Manzanita Parkway on the east side of Interstate Highway 79 which could service this Project as a secondary source to provide redundancy.

District staff has also identified an existing 24-inch DIP non-potable water main located within the California Avenue and 1st Street intersection and a 24-inch DIP non-potable water main within Manzanita Parkway which could service the Project's non-potable water demands. The total estimated water demands for this Project are further described in the WSA (see Attachment 2 – Water Supply Assessment for 14201 California Avenue).

District staff further identifies that additional review of the Applicant's proposed connection to the existing system in the vicinity of the Project will be required. District staff has continued to work with the Developer's engineer to determine the most feasible system to provide the required Project demands and the required fire flow as determined by the Fire Department. Further evaluation of the Project's connection to the District's existing system will be identified in the Project's Plan of Service.

District staff has informed the Developer that a Plan of Service will be required for annexation into the District service area through Riverside LAFCO. It is District staff's understanding that the City will act as the lead agency for the Project's annexation proceedings.

Conditions

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

1. The Applicant shall complete a Plan of Service along with the application for annexation to the District service area through Riverside LAFCO and complete the annexation process.
2. The Applicant shall enter into a water facilities and mainline extension agreement and pay all fees associated with the potable and non-potable water services and main line pipeline extensions. The Applicant shall also pay all fees related to new fire service facilities including any facilities improvements that may be necessary to meet the fire flow requirements.
3. The Applicant shall annex into the Beaumont-Cherry Valley Water District and pay all fees associated and related to annexation prior to service being provided.
4. The Applicant shall prepare plans in accordance with District Standards showing all required potable water system and non-potable water system improvements. Said plans shall be approved by the District prior to construction.
5. The Applicant shall conform to all District requirements and all City of Beaumont requirements.



6. The Applicant shall be required to extend all master plan or otherwise required potable water and non-potable water facilities to the project and along all property frontages.
7. The Applicant shall be required to pay commercial front footage fees along all property frontages where facilities are currently installed, if applicable.
8. Recycled water shall be available from the City of Beaumont or the Applicant shall develop the alternative source of supply for the non-potable (recycled) water system irrigation supply prior to service being provided by BCVWD.
9. Once recycled water is available from the City of Beaumont and distributed by the District, the Applicant shall upgrade storage and facilities as necessary to provide non-potable water for irrigation supply. To minimize the use of potable water, the District requires the Applicant conform to the City of Beaumont Landscaping Ordinances and Zoning Requirements and/or County of Riverside Landscaping Ordinances (as applicable) which pertains to water efficient landscape requirements and the following:
 - a. Landscaped areas which have turf, shall have “smart irrigation controllers” which use Evapotranspiration (ET) data to automatically control the watering. Systems shall have an automatic rain sensor to prevent watering during and shortly after rainfall and automatically determine watering schedule based on weather conditions, and not require seasonal monitoring changes. Orchard areas, if any, shall have drip irrigation.
 - b. Landscaping in non-turf areas should be drought tolerant planting materials native to the region. Irrigation systems for these areas should be drip or bubbler type.
 - c. The District will provide service to landscape areas that comply with approved landscape plans as well as all requirements set forth by the State of California Department of Water resources regarding conservation legislation.
 - d. No approved landscape areas shall be installed with, converted to, or modified to non-functional turf as set forth in the City of Beaumont’s Landscaping Ordinance.

Fiscal Impact

There is no fiscal impact to the District. All deposits, fees, and facility installation costs will be paid by the Applicant prior to providing service.

Attachments

1. Resolution 2024-___: Acknowledging the Review, Receipt and Approval of the Water Supply Assessment for the 14201 California Avenue Industrial Project
2. 14201 California Avenue Industrial Project Will-Serve Letter Application
3. Final Water Supply Assessment for the 14201 California Avenue

Staff Report prepared by Evan Ward, Civil Engineering Assistant

Attachment 1

RESOLUTION 2024-__

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT ACKNOWLEDGING THE REVIEW, RECEIPT, AND ACCEPTANCE OF THE WATER SUPPLY ASSESSMENT FOR THE PROPOSED 14201 CALIFORNIA AVENUE INDUSTRIAL PROJECT

WHEREAS, the 14201 California Avenue Development Project site is approximately 129.1 gross acres located south of 1st Street and west of Interstate Highway 79, upon Riverside County Assessor's Parcel Nos. 421-090-003, -004, -005, -011, -021, 421-110-001, -002, -003, -004, -006, -017, -018, -021, -024, -029, and -030, and

WHEREAS, the project consists of approximately 2.5 million square feet (sf) of warehouse uses, therefore qualifying as a "project" under the Water Code, and requiring the preparation of a Water Supply Assessment; and

WHEREAS, the Water Supply Assessment (WSA) has been prepared in accordance with Water Code §10910 (c)(1) and SB 610; and

WHEREAS, the Beaumont-Cherry Valley Water District Board of Directors has the authority and responsibility for approving the WSA; and

WHEREAS, Beaumont-Cherry Valley Water District staff prepared the WSA; and

WHEREAS, the WSA relied on existing information in the Urban Water Management Plan and more recent District water planning analysis and did conclude that the District has sufficient water supplies to serve the Project; and

NOW THEREFORE, BE IT RESOLVED that the Board of Directors of the Beaumont-Cherry Valley Water District finds and determines as follows:

1. The above recitals are true and correct and reflect the independent judgment of the Board
2. The WSA was prepared in accordance with the California Water Code
3. The conclusions set forth in the WSA are supported by substantial evidence and reasonable analysis, and are consistent with District policies, plans, documents and operations; and
4. The WSA demonstrated that the District's water supplies are sufficient to satisfy the water demands of the Project, while still meeting the current and projected future water demands of the community.

NOW THEREFORE, BE IT FURTHER RESOLVED that, in the exercise of independent judgment, and taking into consideration the WSA and engaging in due deliberations, the Board does hereby adopt the 14201 California Avenue Development Project Water Supply Assessment and the Riverside Local Agency Formation Commission is hereby requested to take proceedings for the annexation of parcels as described in the project WSA, according to the terms and conditions stated above and in the manner provided by the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000.

//
//
//

ADOPTED this _____ day of _____, 2024, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

Director John Covington, President of the
Board of Directors of the
Beaumont-Cherry Valley Water District

Director Lona Williams, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

421-090-003	421-090-004	421-090-005
421-090-011	421-090-021	421-110-001
421-110-002	421-110-003	421-110-004
421-110-006	421-110-017	421-110-018
421-110-021	421-110-024	421-110-029
421-110-030		

Attachment: Water Supply Assessment for the 14201 California Avenue Industrial Project



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: INLAND HARBOR, LLC (ATTN: WILL McGRAW)	Contact Phone # [REDACTED]
Mailing Address: [REDACTED]	Fax #: [REDACTED]
City: [REDACTED]	E-mail: [REDACTED]
State & Zip: [REDACTED]	
Service Address:	
Assessor's Parcel Number (APN), Tract Map No. Parcel Map No.: 428-080-007, 428-080-008, 428-080-015, 428-010-001 to 428-010-011	
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	

The letter should be delivered to:

Recipient: WILL McGRAW _____ _____ _____
PLEASE CHOOSE ONE: <input type="checkbox"/> Mail (above address) <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Fax <input type="checkbox"/> 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.

William McGraw

 Applicant's Signature

2/22/2024

 Date

Attachment 3

BEAUMONT-CHERRY VALLEY WATER DISTRICT

560 MAGNOLIA AVENUE
BEAUMONT, CALIFORNIA 92223
www.bcvwd.gov

FINAL

WATER SUPPLY ASSESSMENT

for
14201 CALIFORNIA AVENUE
City of Beaumont, CA

NOVEMBER 2024



Prepared by

BEAUMONT-CHERRY VALLEY WATER DISTRICT

560 MAGNOLIA AVENUE
BEAUMONT, CALIFORNIA 92223
(951) 845-9581

TABLE OF CONTENTS

1. INTRODUCTION 6

2. WATER SUPPLY ASSESSMENT (WSA) LEGISLATIVE REQUIREMENTS 7

 2.1. SENATE BILL 221 (SB 221) 7

 2.2. SENATE BILL 610 (SB 610) 8

 2.3. SUMMARY 10

3. URBAN WATER MANAGEMENT PLANNING ACT 11

 3.1 BACKGROUND 11

 3.2 SAN GORGONIO PASS WATER AGENCY 2020 UWMP 12

 3.3 BCVWD’s 2020 UWMP 14

4. 14201 CALIFORNIA AVENUE DEVELOPMENT PROJECT DESCRIPTION (UPDATED) 15

 4.1 PROPOSED PROJECT ESTIMATED WATER DEMAND 15

5. BCVWD WATER SYSTEM..... 19

 5.1 OVERVIEW OF BCVWD’S WATER SYSTEM AND OPERATION 22

 5.2 POTABLE WATER SYSTEM 22

 5.3 IMPORTED WATER AND RECHARGE FACILITIES 24

 5.4 NON-POTABLE (RECYCLED) WATER SYSTEM 24

6. UPDATED WATER DEMANDS IN SAN GORGONIO PASS AREA..... 26

 6.1 REGIONAL WATER SUPPLY AND DEMAND SPREADSHEET MODELS..... 26

 6.1.1 *City of Banning* 28

 6.1.2 *YVWD/City of Calimesa* 30

 6.1.3 *BCVWD* 31

 6.1.3.1 *City of Beaumont – Cherry Valley Growth and Development*..... 31

 6.1.3.2 *Supply Demand Model for BCVWD*..... 39

 6.2 SUMMARY OF MEMBER AGENCY IMPORTED WATER DEMANDS ON SGPWA 47

7. SGPWA AVAILABLE IMPORTED WATER 48

 7.1 STATE WATER PROJECT OVERVIEW 48

 7.1.1 *Table A Allocations* 50

 7.1.2 *Table A Carryover Water* 53

 7.1.3 *Delta Conveyance Project Future SWP Increment*..... 55

 7.2 SGPWA ADDITIONAL IMPORTED WATER SUPPLIES 56

 7.2.1 *Yuba Accord Water*..... 56

 7.2.2 *Nickel Agreement* 57

 7.2.3 *San Bernardino Valley Municipal Water District Agreement* 58

 7.2.4 *Sites Reservoir Agreement*..... 59

 7.2.5 *Ventura Water*..... 60

 7.2.6 *Water Transfers and Exchanges*..... 60

 7.3 SUMMARY OF AVAILABLE IMPORTED WATER SUPPLIES 61

8. WATER SUPPLY AND DEMAND FOR BCVWD..... 62

9. WATER SUPPLY SINGLE AND MULTIPLE DRY PERIOD ANALYSIS 64

 9.1 CONSTRAINTS ON WATER SOURCES 64

 9.2 REGIONAL SUPPLY RELIABILITY 69

 9.3 WATER SERVICE RELIABILITY ASSESSMENT..... 70

 9.3.1 *Groundwater* 70

Beaumont-Cherry Valley Water District
Water Supply Assessment for 14201 California Avenue

9.3.1.1 <i>Beaumont Basin</i>	70
9.3.2 <i>Imported Water</i>	72
9.3.3. <i>Recycled Water</i>	74
9.3.4. <i>Storm Water and Urban Runoff Reliability (Potential Projects)</i>	74
9.4 DROUGHT RISK ASSESSMENT	75
10. WATER SHORTAGE CONTINGENCY PLAN	86
11. CONCLUSION	88
12. REFERENCES.....	90
APPENDIX "A" – 2020 BCVWD URBAN WATER MANAGEMENT PLAN.....	
APPENDIX "B" – SITE PLAN (FULL SIZE)	
APPENDIX "C" ROW LANDSCAPE EXHIBIT.....	
APPENDIX "D" 2020 SGPWA URBAN WATER MANAGEMENT PLAN	

LIST OF TABLES

3-1 PROJECT TOTAL WATER SUPPLY FOR SGPWA REGION THROUGH 2045 (AFY)	13
3-2 BCVWD IMPORTED WATER NEEDS FROM BCVWD 2020 UWMP	14
4-1 14201 CALIFORNIA AVENUE DEVELOPMENT PREVIOUS PROJECTED RESIDENTIAL POTABLE WATER DEMANDS	16
4-2 14201 CALIFORNIA AVENUE PREVIOUS COMMERCIAL/INDUSTRIAL POTABLE WATER DEMANDS	18
5-1 BCVWD POTABLE AND NON-POTABLE WATER CONNECTIONS AND DELIVERIES 2020.....	22
6-1 PROJECTED TOTAL WATER SUPPLY FOR SGPWA REGION THROUGH 2045 (AFY)	27
6-2 MAJOR DEVELOPMENT PROJECTS IN CITY OF BANNING	28
6-3 SUMMARY OF SPREADSHEET SUPPLY-DEMAND MODEL FOR CITY OF BANNING	30
6-4 SUMMARY OF SPREADSHEET SUPPLY-DEMAND MODEL FOR YVWD (CITY OF CALIMESA)	31
6-5 HISTORICAL POPULATION AND HOUSING	33
6-6 PROJECTS WITHIN BCVWD SERVICE AREA OR SPHERE OF INFLUENCE	35
6-7 OTHER PROJECTS WITHIN BCVWD SERVICE AREA	36
6-8 SUMMARY OF NEW EDU’S IN BCVWD SERVICE AREA	38
6-9 CURRENT AND PROJECTED POPULATION IN BCVWD SERVICE AREA	38
6-10 CURRENT AND FUTURE WATER SOURCES AVAILABLE TO BCVWD	40
6-11 POTENTIAL STORMWATER CAPTURE PROJECTS.....	42
6-12 SUMMARY OF THE URBAN RUNOFF DRAINAGE AREAS AND RETENTION BASIN VOLUMES	43
6-13 RECYCLED WATER AVAILABLE FROM CITY OF BEAUMONT’S WWTP	45
6-14 WATER SUPPLY ASSESSMENT FOR NORMAL YEAR CONDITIONS	47
6-15 REGIONAL SUMMARY OF SPREADSHEET SUPPLY-DEMAND MODEL FOR SGPWA	48
7-1 SWP TABLE A ALLOCATIONS AND DELIVERIES	50
7-2 SWP ESTIMATED TABLE A DELIVERIES FROM DCR (VALUES IN ACRE-FEET)	51
7-3 SWP FUTURE TABLE A PROJECTED WATER YEAR DELIVERIES DURING SINGLE AND MULTI-YEAR DROUGHT CONDITIONS (AFY)	52
7-4 FUTURE SWP ALLOCATIONS BY YEAR TYPE THROUGH 2045	53
7-5 SGPWA HISTORIC SWP CARRYOVER STORAGE AND USE (AFY).....	54
7-6 CARRYOVER SUPPLIES THROUGH 2025 (AFY)	55
7-7 FUTURE AVAILABLE TABLE A CARRYOVER SUPPLIES (AFY)	55
7-8 LAST FIVE YEARS OF YUBA ACCORD WATER DELIVERIES (AFY).....	57
7-9 YUBA ACCORD FUTURE WATER DELIVERIES IN ALL YEAR TYPES (AFY)	57
7-10 NICKEL AGREEMENT WATER DELIVERIES SINCE 2017 (AFY)	58
7-11 NICKEL AGREEMENT FUTURE WATER DELIVERIES IN ALL YEAR TYPES (AFY)	58
7-12 FUTURE AVAILABILITY OF SITES RESERVOIR WATER (AFY).....	60
7-13 SGPWA FUTURE TRANSFERS AND EXCHANGES (AFY)	61
9-1 FACTORS RESULTING IN INCONSISTENCY OF SUPPLY	65
9-2 BCVWD WATER SUPPLIES - PROJECTED	68
9-3 SUMMARY OF BCVWD’S BEAUMONT BASIN STORAGE CREDITS	71
9-4 GROUNDWATER AVAILABLE FROM EDGAR CANYON FOR SINGLE AND MULTIPLE DRY YEAR ANALYSIS	71
9-5 SGPWA SWP DELIVERY CAPABILITY AS PERCENT OF TABLE A	72
9-6 SGPWA SWP DELIVERY CAPABILITY AS PERCENT OF TABLE A (USED FOR RELIABILITY ANALYSIS)	73
9-7 ESTIMATED RECYCLED WATER AVAILABLE DURING EXTENDED DRY PERIODS	74
9-8 ESTIMATED STORM WATER AVAILABLE DURING EXTENDED DRY PERIODS.....	75
9-9 MEMBER AGENCY’S PERCENT OF AVAILABLE IMPORTED WATER WHEN DEMAND EXCEED SUPPLY	76
9-10 ESTIMATED DEMAND REDUCTIONS DURING VARIOUS DRY YEAR PERIODS.....	76
9-11 WATER SERVICE RELIABILITY ASSESSMENT FOR SINGLE DRY YEARS	78
9-12 WATER SERVICE RELIABILITY ASSESSMENT FOR 2 CONSECUTIVE DRY YEARS	79
9-13 WATER SERVICE RELIABILITY ASSESSMENT FOR 3 CONSECUTIVE DRY YEARS	80
9-14 WATER SERVICE RELIABILITY ASSESSMENT FOR 4 CONSECUTIVE DRY YEARS	81
9-15 WATER SERVICE RELIABILITY ASSESSMENT FOR 5 CONSECUTIVE DRY YEARS	82
9-16 WATER SERVICE RELIABILITY ASSESSMENT FOR 6 CONSECUTIVE DRY YEARS	83
9-17 5 YEAR DROUGHT RISK ASSESSMENT	85
10-1 WATER SHORTAGE CONTINGENCY LEVELS.....	87

LIST OF FIGURES

1 14201 CALIFORNIA AVENUE DEVELOPMENT GENERAL LOCATION	15
2 14201 CALIFORNIA AVENUE SITE PLAN	17
3 BCVWD BOUNDARY AND SPHERE OF INFLUENCE.....	21
4 HISTORICAL POPULATION GROWTH IN DISTRICT	34
5 GROWTH IN BEAUMONT AS SHOWN BY SINGLE FAMILY HOME BUILDING PERMITS	35
6 SGPWA’S WATER SERVICE RELIABILITY THROUGH 2045 (AFY).....	61
7 SGPWA’S DROUGHT RISK ASSESSMENT FROM 2021 THROUGH 2045 (AFY).....	62
8 BCVWD’S WATER SUPPLY AND DEMAND PROJECTION TO 2045	63
9 BCVWD’S GROUNDWATER STORAGE BALANCE TO 2045.....	64
10 BCVWD’S BEAUMONT BASIN STORAGE AMOUNT	66

1. Introduction

The 14201 California Avenue Project (Project) is proposed to be constructed in the City of Beaumont (City), CA on an approximately 110 gross acre site, south of Highway 60 and west of Highway 79. The Project is anticipated to be constructed in two (2) phases:

- Phase 1 – Five (5) industrial buildings with a combined floor area of 1,146,183 square feet and a combined landscaped area of 506,002 square feet over a land area of 62.68 acres.
- Phase 2 – Two (2) industrial buildings with a combined floor area of 1,331,426 square feet and a combined landscaped area of 433,661 square feet over a land area of 66.39 acres.

In the above phasing, the landscaped areas are proposed to be irrigated with non-potable water. The Project is proposed to dedicate new streets in the east-west direction north of the existing Relay Drive. The Project is proposed to be located between Relay Drive and a newly dedicated street on both the east and west sides of California Avenue. The Project site is located within the Beaumont-Cherry Valley Water District (BCVWD) sphere of influence but not within the BCVWD service boundary. **Currently, only a portion of the Project has been annexed into the City and no portion of the Project has been annexed into BCVWD.** An Environmental Impact Report (EIR) will need to be completed to comply with the California Environmental Quality Act (CEQA), as required by the Riverside Local Agency Formation Commission (Riverside LAFCO). Upon the Project obtaining a Will-Serve Letter from the BCVWD Board of Directors, a Plan of Service (POS) will need to be completed prior to submittal to Riverside LAFCO.

2. Water Supply Assessment (WSA) Legislative Requirements

There were two Senate Bills, passed in 2001, to advance water supply planning efforts in California and provide the foundation for developing comprehensive water policies to meet future water needs by integrating water supply and land use planning. These were Senate Bill 221 and Senate Bill 610, (SB 221 and SB 610, respectively). The intent was to provide additional assurance that new projects could have a reliable water supply and the impact of the new developments on existing water users, i.e., those relying on common water sources, and decision makers, were adequately informed of the proposed project's water use, the impacts, and plans to maintain supplies.

2.1. Senate Bill 221 (SB 221)

SB 221 applies to residential subdivisions and is chaptered in Government Code §65867.5 *et seq.*

which states:

(c) A development agreement that includes a subdivision, as defined in Government Code §666473.7, shall not be approved unless the agreement provides that any tentative map prepared for the subdivision will comply with the provisions of §666473.7. Government Code §666473.7 states:

(a)(1) For purposes of this section, the following definitions apply:

“Subdivision” means a proposed residential development of more than 500 dwelling units, except that for a public water agency that has fewer than 5,000 service connections, “subdivision” means any proposed residential development that would account for an increase of 10 percent or more in the number of the public water system’s existing service connections.

(b)(1) The legislative body of a city or county or the advisory agency, to the extent that it is authorized by local ordinance to approve, conditionally approve, or disapprove the tentative map, shall include as a condition in any tentative map that includes a subdivision, a requirement that a sufficient water supply shall be available. Proof of the availability of a sufficient water supply shall be requested by the subdivision applicant or local agency and shall be based on written verification from the applicable water supply system within 90 days of a request.

(i) Government Code §666473.7 shall not apply to any residential project proposed for a site that is within an urbanized area and has previously been developed for urban uses, or where the immediate contiguous properties surrounding the residential project site area, or previously have been, developed for urban uses, or housing projects that

are exclusively for very low and low-income households.

(a)(2) "Sufficient water supply" means the total water supplies available during normal, single- dry, and multiple-dry years within a 20-year projection that will meet the projected demand associated with the proposed subdivision, in addition to existing and planned future uses, including but not limited to agricultural and industrial uses.

This does not mean that 100 percent of the development's unrestricted water demand must be met 100 percent of the time, nor does it mean the new development may not have an impact on the service level of existing customers. A "sufficient water supply" may be found to exist for a proposed subdivision and for existing customers, even where a drought-induced shortage will be known to occur, as long as a minimum water supply can be estimated and planned for during a record drought.

2.2. Senate Bill 610 (SB 610)

SB 610, chaptered in Water Code §10910 *et seq.*, requires a city or county that determines a "Project," as defined in Water Code §10912, is subject to the California Environmental Quality Act (CEQA), the city or county must identify any public water system that may supply water for the project and to request those public water systems to prepare a specified water supply assessment (WSA), except as otherwise specified. Water Code §10912 defines a "Project" as any of the following:

- (1) A proposed residential development of more than 500 dwelling units.*
- (2) A proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet (sq. ft.) of floor space.*
- (3) A proposed commercial office building employing more than 1,000 persons or having more than 250,000 sq. ft. of floor space.*
- (4) A proposed hotel or motel, or both having more than 500 rooms.*
- (5) A proposed industrial, manufacturing, or processing plant, or industrial park planned to*
- (6) house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 sq. ft. of floor area.*
- (7) A mixed-use project that includes one or more of the projects specified in this subdivision.*
- (8) A project that would demand an amount of water equivalent to, or greater than, the amount*

of water required by a 500 dwelling unit project¹.

The basic question to be answered in the WSA is:

Will the water supplier's total projected water supplies during normal, dry, and multiple dry years during a 20-year projection meet the projected water demand of the proposed project, in addition to the water supplier's existing and planned future uses, including agricultural and manufacturing uses?

The WSA, under SB 610, is to include the following, if applicable to the supply conditions:

1. Water supply entitlements, water rights or water service contracts shall be demonstrated by supporting documentation such as the following:
 - a. Written contracts or other proof of entitlement to an identified water supply.
 - b. Copies of capital outlay program for financing the delivery of a water supply that has been adopted by the public water system.
 - c. Federal, state, and local permits for construction of necessary infrastructure associated with delivering the water supply.
 - d. Any necessary regulatory approvals that are required to be able to convey or deliver the water supply.
2. Identification of other public water systems or water service contract holders that receive a water supply or have existing water supply entitlements, water rights, or water service contracts, to the same source of water as the public water system.
3. If groundwater is included for the supply of a proposed project, the following additional information is required:
 - a. Description of groundwater basin(s) from which the proposed project will be supplied. Adjudicated basins must have a copy of the court order or decree adopted and a description of the amount of groundwater the public water system has the legal right to pump. For non-adjudicated basins, information on whether the California Department of Water Resources has identified the basin as over drafted or has projected that the basin will become over drafted if present management conditions continue, in the most current bulletin of the Department of Water Resources that characterizes the condition of the basin, and a detailed description of the efforts being undertaken in the basin to eliminate the long-term overdraft.
 - b. Description and analysis of the amount and location of groundwater pumped by the

¹ The water use for one dwelling unit depends on regional climate and varies from agency to agency.

- public water system for the past five (5) years from any groundwater basin from which the proposed project will be supplied. Analysis should be based on information that is reasonably available, including, but not limited to, historic use records.
- c. Description and analysis of the amount and location of groundwater projected to be pumped by the public water system from any groundwater basin from which the proposed project will be supplied. Analysis should be based on information that is reasonably available, including, but not limited to, historic use records.

2.3. Summary

The Senate bills are quite similar; SB 221 applies to proposed residential subdivisions over 500 dwelling units or a subdivision project that proposes 10 percent of the number of existing agency water connections whichever is smaller; SB 610 to other types of large projects or mixed-use projects. Both require documentation of water supply and demand under normal, dry and multiple dry year scenarios to accommodate the project plus existing and known planned projects. Both rely on the agency's Urban Water Management Plan (UWMP) for support.

Based on the description in the introduction, the proposed 14201 California Avenue Project **requires a water supply assessment pursuant to both SB 221 under Government Code §65867.5 et seq. and SB 610 under Section 10912 (a) (2).** The Proposed industrial contains more than 650,000 sf of floor area.

3. Urban Water Management Planning Act

3.1. Background

The California Water Code requires that all urban water suppliers within the state, serving over 3,000 acre-feet (AF) of water annually (1 AF = 325,829 gallons) or having at least 3,000 service connections, to prepare Urban Water Management plans (UWMPs) on a five-year, ongoing basis demonstrating their continued ability to provide water supplies for current and future expected development under normal, single dry, and multiple dry year scenarios. The Urban Water Management Planning Act was enacted in 1983 and amendments were made periodically since then. The Act also requires imported water suppliers to prepare UWMPs. Water Code sections §10610 through §10656 detail the information that must be included in the plans. These plans also require the assessment of urban water conservation measures and wastewater recycling. They also require, pursuant to §10632, a water shortage contingency plan, outlining how the municipal water provider will manage water shortages of up to 50 percent of their normal supplies in a given year.

An UWMP is a planning tool that provides general guidance to water management agencies. It provides managers and the public with high altitude overview on a number of water supply issues facing the agency. It is not a substitute for project-specific planning documents, nor was it intended to be when mandated by the State Legislature. When specific projects are chosen to be implemented, detailed project plans are prepared, environmental analysis, if required, is prepared, and financial and operational plans are developed.

“An UWMP is intended to function as a planning tool to guide broad-perspective decision making” by water agency managers and directors². It should not be viewed as an exact blueprint for supply and demand management. Water management in California is not a matter of certainty and planning projections may change in response to a number of factors. “Long-term water planning involves expectations and not certainties. The State Supreme Court has recognized the uncertainties inherent in long-term land use and water planning and observed that the generalized information required ...in the early stages of the planning process are replaced by firm assurances of water supplies at later stages.”³ It is appropriate to look at the UWMP as a general planning framework, not a specific action plan. It is an effort to generally answer a series of planning questions including:

- What are the potential sources of supply and what is the reasonable probable yield from

² Sonoma County Water *Coalition v. Sonoma County Water Agency* (2010) 189 Cal. App. 4th 33, 39, taken from SGPWA 2015 UWMP.

³ *Ibid*

them?

- What is the probable demand, given a reasonable set of assumptions about growth and implementation of good water management practices?
- How well do supply and demand figures match up, assuming that the various probable supplies will be pursued by the implementing agency?

Based on the answers to these questions, the implementing agency will pursue feasible and cost-effective options and opportunities to meet demands.

The Urban Water Management Planning Act requires the supplier to document water supplies available during normal, single dry, and multiple dry water years over a 20-year projection and the existing and projected future water demand during a 20-year projection. The Act requires that the projected supplies and demands be presented in 5-year increments for the 20-year projection period.

Like SB 221 and SB 610, specific levels of supply reliability are not mandated (i.e., whether a specific level of demand can be met over a designated frequency); rather, the law provides that it is a local policy decision of the water provider as part of the planning process. As provided for in the law, this WSA can rely on the data in the latest UWMP in assessing the water demand of the proposed project relative to the overall increase in demands expected by BCVWD.

3.2. San Geronio Pass Water Agency 2020 UWMP

The 14201 California Avenue Project is located within the service area of the San Geronio Pass Water Agency (SGPWA or Pass Agency). BCVWD provided data to SGPWA on BCVWD's projected demands so the SGPWA could prepare their UWMP. Because the California Department of Water Resources (DWR) required the imported water suppliers to submit their UWMPs earlier than the retail agencies, BCVWD made some preliminary estimates of their demand over the 20-year projection period and provided the projections to SGPWA. These preliminary estimates deviated slightly from the actual demands in BCVWD's 2020 UWMP.

Table 3-1 – Project Total Water Supply for SGPWA Region through 2045 (AFY)

Service Area Water Supply to Meet Demands	2025	2030	2035	2040	2045
City of Banning	9,473	10,198	10,853	11,565	12,278
Beaumont Cherry Valley	14,963	16,160	17,515	18,710	19,693
Yucaipa Valley WD (Riverside Portion)	1,509	1,841	2,174	2,507	2,839
South Mesa WC (Riverside Portion)	1,032	1,084	1,138	1,196	1,196
High Valley WD	3,400	3,600	3,900	4,100	4,300
Cabazon County WD					
Mission Springs (SGPWA area)					
Other SGPWA service area not served by named retailers					
Total SGPWA Boundary Supply to meet Demands	30,400	32,900	35,600	38,100	40,300

Note:

1. Table 3-1 is taken from Table 3-16 in the SGPWA 2020 UWMP.
2. The supply totals necessary to meet demands in the table above are rounded to the nearest 100.

In Chapter 1 of the SGPWA’s 2020 UWMP, the UWMP stated the following.

“It is important to note that this UWMP [SGPWA 2020 UWMP] has been completed to address regional resource management and does not address the particular conditions of any specific retail water agency or entity within the SGPWA service area. The retail urban water suppliers within SGPWA service area are preparing their own separate UWMPs where required, though SGPWA has facilitated coordination among the retailers to assure consistency.”

BCVWD recognizes and acknowledges the disclaimer statement within the 2020 Urban Water Management Plan prepared by the SGPWA related to regional planning. While the UWMP prepared by the SGPWA “...does not address the particular conditions of any specific retail water agency...” BCVWD relies upon the policies and practices of the SGPWA as a foundation for regional water supply solutions. In other words, while the SGPWA’s regional planning document does not address local water conditions, BCVWD does rely upon the policies of the SGPWA to provide comprehensive regional solutions related to the use of imported water in the SGPWA area. As an example of the policies and practices adopted by the SGPWA and relied upon by BCVWD include, but are not limited, to the following:

- San Geronio Pass Water Agency, Ordinance No. 8, An Ordinance Establishing Rules and Regulations for SGPWA Water Service, February 7, 2005;
- San Geronio Pass Water Agency Strategic Plan, May 2012;
- San Geronio Pass Water Agency, Resolution No. 2014-02, A Resolution of the San Geronio Pass Water Agency Establishing a Policy for Meeting Future Water Demands, February 18, 2014;

- San Geronio Pass Water Agency, Ordinance No. 10, Ordinance Establishing Water Shortage Plan, July 21, 2014;
- San Geronio Pass Water Agency, Resolution No. 2015-05, Resolution of the Board of Directors of the San Geronio Pass Water Agency to Adopt Facility Capacity Fees for Facilities and Water, July 27, 2015;
- San Geronio Pass Water Agency, State of the Supply PowerPoint Presentation, September 30, 2016;
- San Geronio Pass Water Agency, Ordinance No. 13, An Ordinance Amending Rules and Regulations Regarding Authorization for Service, June 5, 2017.

3.3. BCVWD’s 2020 UWMP

There were some minor differences between the projections in BCVWD’s 2020 UWMP and the projections provided to SGPWA for their 2020 UWMP. These differences stemmed from the need for BCVWD to provide preliminary demand projections early on so the SGPWA could meet their prescribed deadline.

BCVWD’s demands for imported water are presented in BCVWD’s 2020 UWMP (Table 6-24) and are repeated in Table 3-2 below. Table 3-2 shows the actual imported water demand to meet the potable water demand plus the banking water demand to ensure drought-proofing of future development. If imported water is not available in a given year, no banking will occur. But when imported water is available, any deficiencies from previous years would be “carried over” and “made up.” As can be seen, there is a slight difference between the demands in Table 3-2 versus those shown above in Table 3-1.

Table 3-2 BCVWD Imported Water Needs from BCVWD 2020 UWMP

	2025	2030	2035	2040	2045
BCVWD Drinking Water Demand, AFY	9,144 ²	9,546 ²	9,966	10,717	11,281
Banking Demands, AFY	1,500	1,200	1,000	1,000	1,000
Total BCVWD Imported Water Demand, AFY	10,644	10,746	10,966	11,717	12,281

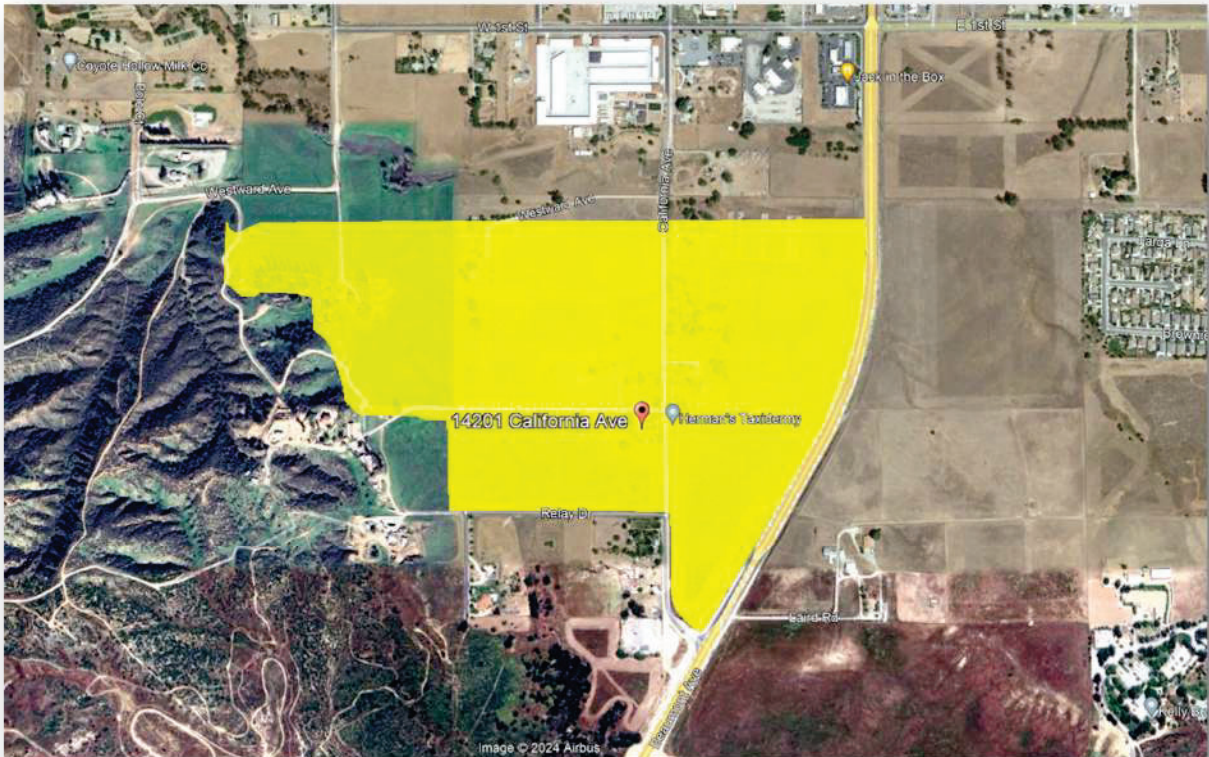
Note:

1. Taken from the BCVWD 2020 UWMP, Table 6-24
2. Includes imported water for non-potable water system since non-potable water system is supplied with potable groundwater.

4. 14201 California Avenue Development Project Description

The 14201 California Avenue Project is commercial/industrial (5,622,303 square feet) project located in the City of Beaumont on approximately 129.07 gross acres, south of Highway 60 and west of Highway 79. The project is primarily located in Section 16, T3S, R1W, SBB&M.

Figure 1
14201 California Avenue Project General Location



4.1. Proposed Project Estimated Water Demand

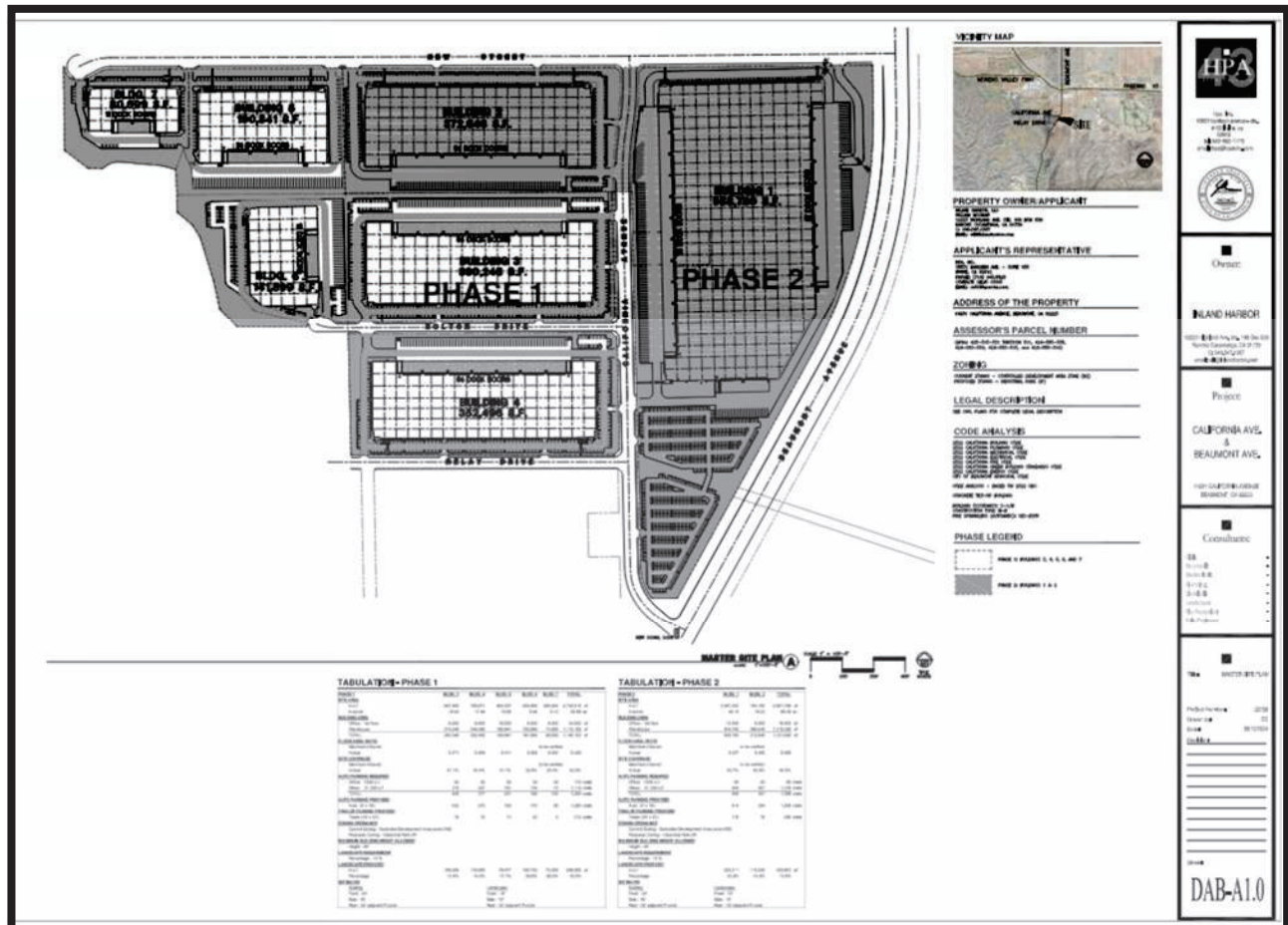
The current plan for the proposed project is Industrial. Phase 1 consists of five proposed industrial buildings which are approximately 265,904 to 807,565 square feet with the land area of 62.68 acres and 506,002 square feet of landscaping area. Phase 2 consists of three proposed industrial buildings which are approximately 794,195 to 2,097,593 square feet with the land area of 66.39 acres and 433,661 square feet of landscaping area.

A statistical summary of the proposed Project development is included in Table 4-1 as follows:

Table 4-1 – 14201 California Avenue Proposed Project Plan Statistical Summary

14201 California Avenue Project Summary Table					
Project Phase	Building No.	Building Area (SF)	Landscaped Area (SF)	Total Area (SF)	Total Area (ac)
I	Building 3	380,248	108,500	807,565	18.54
	Building 4	352,496	110,000	759,671	17.44
	Building 5	190,841	79,477	464,307	10.66
	Building 6	141,899	132,725	433,068	9.94
	Building 7	80,699	75,300	265,904	6.10
Total Phase I		1,146,183	506,002	2,730,515	62.68
II	Building 1	958,780	320,311	2,097,593	48.15
	Building 2	372,646	113,350	794,195	18.23
Total Phase II		1,331,426	433,661	2,891,788	66.39
Project Total		2,477,609	939,663	5,622,303	129.07

Figure 2
14201 California Avenue Site Plan



For Full Size Site Plan, please see Appendix "B"

Table 4-2 – 14201 California Avenue Proposed Commercial/Industrial Potable and Non-Potable Water Demand

Phase	Building	Land Use	Bldg Area (SF) ⁽¹⁾	Employee Count ⁽²⁾	Landscape Area (SF) ⁽³⁾	Indoor Water Demand Factor	Outdoor Water Demand Factor ⁽⁴⁾	Indoor Water Demand	Outdoor Irrigation Demand	Total Water Consumption	
										Indoor Water Demand	Outdoor Water Demand
I	III	Warehouse	374,248	253	108,500	15	530,000	3,802	3,617	7,419	15
		Office	6,000					gpd	gpd	gpd	EDUs
	IV	Warehouse	346,496	235	110,000	15	530,000	3,525	3,667	7,192	15
		Office	6,000					gpd	gpd	gpd	EDUs
	V	Warehouse	180,841	127	79,477	15	530,000	1,908	2,649	4,558	9
		Office	10,000					gpd	gpd	gpd	EDUs
VI	Warehouse	135,899	95	132,725	15	530,000	1,419	4,424	5,843	12	
	Office	6,000					gpd	gpd	gpd	EDUs	
VII	Warehouse	74,699	54	75,300	15	530,000	807	2,510	3,317	7	
	Office	6,000					gpd	gpd	gpd	EDUs	
I	Warehouse	948,780	639	320,311	15	530,000	9,588	10,677	20,265	42	
	Office	10,000					gpd	gpd	gpd	EDUs	
II	Warehouse	366,646	248	113,350	15	530,000	3,726	3,778	7,505	15	
	Office	6,000					gpd	gpd	gpd	EDUs	
TOTAL			2,477,609	1652	939,663		24,776	31,323	56,099	115	

Notes:

- (1) Based on latest Site Plan
- (2) Based on recent water demand prepared by BCVWD for similar warehouse development projects, which estimates 1 employee per 1,500 sf of warehouse/office space.
- (3) Landscape Area provided by latest Site Plan.
- (4) Based on outdoor water demand factor used for previous landscape demands and Water Supply Assessments.

Table 4-2 was used to calculate a total estimated water demand (build-out) at 14201 California Avenue of 56,099 gpd, or 63 AFY. Based on BCVWD equivalent dwelling unit usage of 0.546 AFY per equivalent dwelling unit, this equates to 115 EDUs. Of the total water demand, the non-potable water demand for outdoor irrigation is estimated to be 35 AFY, or approximately 56 percent of the total demands of the Project.

5. BCVWD Water System

BCVWD owns and operates the water system which would serve the 14201 California Avenue development project. BCVWD was first formed in April 1919, to provide domestic and irrigation water to the developing community of Beaumont and the surrounding area. BCVWD was originally named the Beaumont Irrigation District. In 1973, the name was changed to the Beaumont-Cherry Valley Water District. Sometime after that the hyphen was dropped from the name. However, even though the name has changed, the BCVWD's authority comes from the Irrigation District Law of the State of California.

BCVWD owns approximately 1,524 acres of watershed land north of Cherry Valley along the Little San Gorgonio Creek (also known as Edgar Canyon) and Noble Creek. There are two stream diversion locations within Little San Gorgonio Creek that are in the Department of Water Resources, Division of Water Rights, database. The diversions have pre-1914 recorded water rights amounting to 3,000 miners inch hours (MIH) or approximately 45,000 acre-feet per year (AFY) of right for diversion of water for domestic and irrigation uses. However, BCVWD has never had a demand that requires such large quantities of water supply; and the watersheds may not be capable of supplying such quantities during an average year. The creeks/canyons have been used for water development via diversions for irrigation and domestic service since the latter part of the 1800s. Currently, BCVWD diverts water from Little San Gorgonio Canyon Creek into a series of ponds adjacent to the creek where it percolates and recharges the shallow aquifers in the Canyon. BCVWD's wells located in Edgar Canyon provide a significant portion of BCVWD's water supply.

Figure 3 shows BCVWD's present Service Boundary and Sphere of Influence (SOI). BCVWD's present service area covers approximately 28 square miles, virtually all of which is in Riverside County and includes the City of Beaumont and the community of Cherry Valley. BCVWD-owned watershed land extends across Riverside County line into San Bernardino County where BCVWD operates a number of wells and several reservoirs.

BCVWD's SOI, or ultimate service planning area, encompasses an area of approximately 37.5

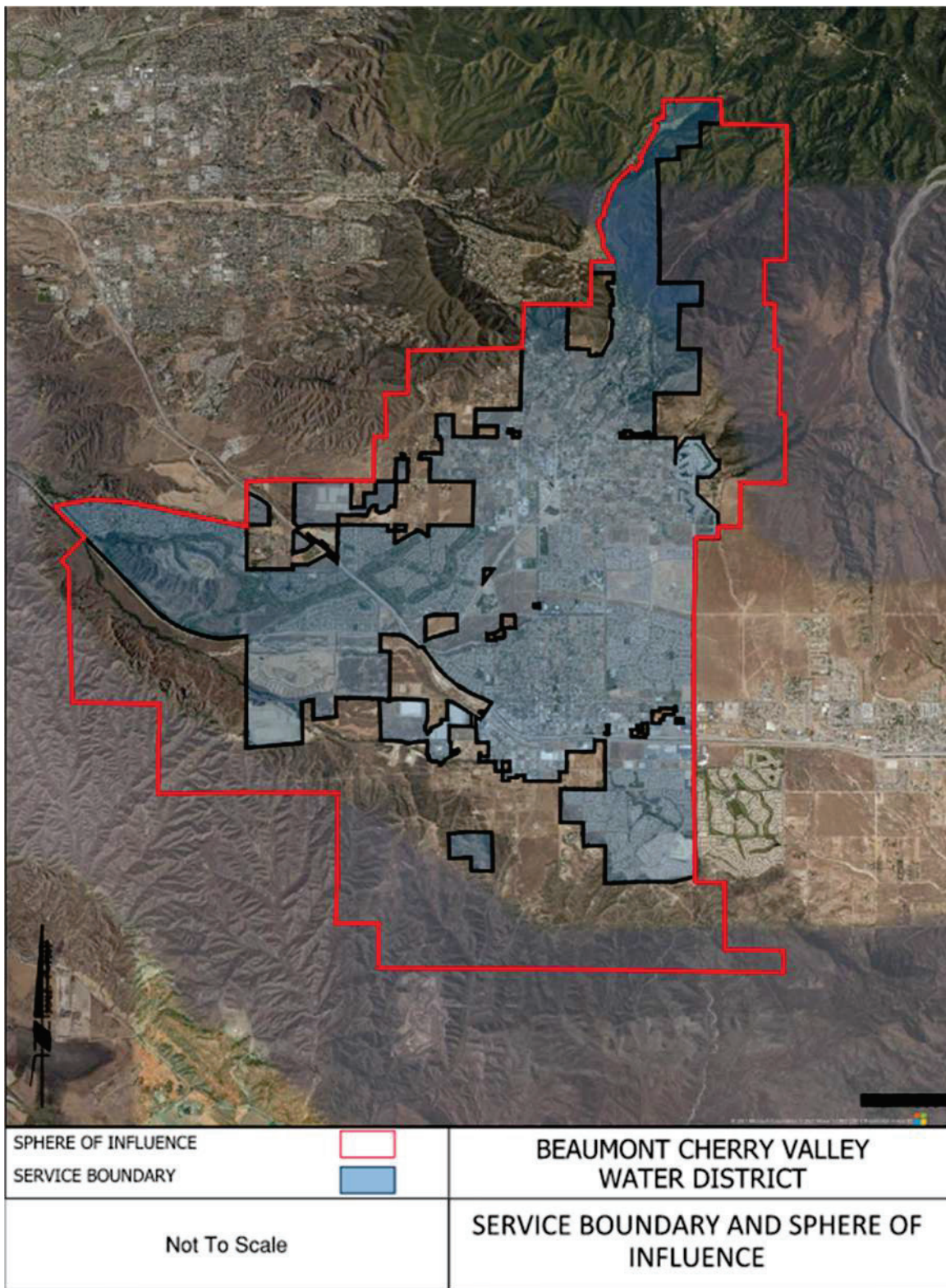
square miles (14.3 sq. mi. are in the City of Beaumont). This SOI was established by the Riverside and San Bernardino County Local Agency Formation Commissions (LAFCOs). SOIs are established as a planning tool and help establish agency boundaries and avoid problems in service, unnecessary duplication of costs, and inefficiencies associated with overlapping service.

BCVWD's SOI is bounded on the west and north by the Yucaipa Valley Water District (YVWD) and on the east by the City of Banning. The northerly boundary of Eastern Municipal Water District (EMWD) is BCVWD's southerly SOI boundary. BCVWD's SOI in Little San Gorgonio Canyon follows Oak Glen Road. The area west of Oak Glen Road is within YVWD's SOI, and the area east of Oak Glen Road is within BCVWD's SOI.

The service area ranges in elevation from 2,300 feet above mean sea level in Fairway Canyon area of Beaumont on the southwestern boundary, to 2,900 feet in Cherry Valley, and to over 4,000 feet in the upper reaches of the SOI.

The area serves primarily as a "bedroom" community for the Riverside/San Bernardino Area and the communities east of Los Angeles County along the I-10 corridor.

Figure 3
BCVWD Boundary and Sphere of Influence



5.1. Overview of BCVWD’s Water System and Operation

BCVWD owns and operates both a potable and non-potable water distribution system. BCVWD provides water and irrigation water to users through the potable water system. BCVWD provides non-potable water for landscape irrigation of parks, playgrounds, school yards, street medians and common areas through its non-potable (recycled) water system.

Table 5-1 presents BCVWD 2023 potable and non-potable water connections and pumping amounts. The number of connections was 5,600 in year 2000, before the housing boom that encompassed Western Riverside County and particularly Beaumont.

**Table 5-1 – BCVWD Potable and Non-potable Water Connections and Deliveries
 2023**

	Potable Water	Non-Potable Water	Total
Number of Connections ^(a)	21,117	425	21,542
Average Annual, MGD ^(b)	10.4	1.1	11.5
Maximum Day, MGD ^(b)	20.3	4.1	N/A
Total Demand, AF ^(c)	9,807	1,604	11,411

Notes:

- (a) Taken from Actual BCVWD Consumption Data.
- (b) Taken from Actual BCVWD Production Data.
- (c) The Total Demand shown does not include system losses.

5.2. Potable Water System

BCVWD’s potable water system is supplied by wells in Little San Gorgonio Creek (Edgar Canyon) and the Beaumont Basin (sometimes called the Beaumont Storage Unit or the Beaumont Management Zone). The District has a total of 24 wells (1 well is a standby). One of the wells, Well 26, can pump into either the potable water or the non-potable water system. Currently, it is pumping into the non-potable water system.

The Beaumont Basin is adjudicated and managed by the Beaumont Basin Watermaster. BCVWD augments its groundwater supply with imported State Project Water from the SGPWA which is recharged at BCVWD’s recharge facility at the intersection of Brookside Avenue and Beaumont Avenue. The Beaumont Basin Adjudication requires that the extracted amount of water from the Basin must be replaced.

Wells in Edgar Canyon have limited yield, particularly in dry years, and take water from shallow alluvial and fractured bedrock aquifers. Wells in the Beaumont Basin are large capacity and pump from deep aquifers – some as deep as 1,500 ft below the ground surface. The Edgar Canyon

wells are very inexpensive to operate and are the preferred source due to there being no replenishment requirement like the Beaumont Basin; however, those wells are not able to meet the current average day demand. The Edgar Canyon wells pump to a gravity transmission main that extends the full length of the District-owned properties in Edgar Canyon. The transmission main connects to the distribution system in Cherry Valley. Water from the Edgar Canyon Wells, which is not used in the developed areas adjacent to Edgar Canyon or Cherry Valley, is transferred to lower pressure zones serving the City of Beaumont. The Edgar Canyon Wells provide about 15 to 20 percent of the total annual supply; the rest is pumped from wells in the Beaumont Basin supplemented by recharged imported water.

BCVWD has two active stream diversion locations within Little San Geronio Creek (Edgar Canyon) that are in the State Water Resources Control Board, Division of Water Rights database (S014351, S014352). The diversions have pre-1914 recorded water rights amounting to 3,000 miner's inch hours (MIH) or approximately 45,000 AFY of right for diversion of water for domestic and irrigation uses. These date back to the early history of the District. However, the District has never had a demand that requires such large quantities of water supply; and the watersheds may not be capable of supplying such quantities during an average year. At the present time, the District currently diverts streamflow in Edgar Canyon to a series of percolation ponds which recharge the shallow wells in Edgar Canyon. This water is then extracted for domestic purposes.

BCVWD's total well capacity (Edgar Canyon and Beaumont Basin) is about 27.5 mgd with the largest well out of service, which is greater than the current 20.3 mgd maximum day demand. The District has 11 pressure zones and 14 reservoirs (tanks) ranging in size from 0.5 MG to 5 MG. Total storage is approximately 22 MG –just over two average days or one maximum day. The reservoirs provide gravity supply to their respective pressure zones. The BCVWD's potable system is constructed such that any higher zone reservoir can supply water on an emergency basis to any lower zone reservoir. There are booster pumps in the system to pump water up from a lower pressure zone to a higher pressure zone also.

The transmission system in the main pressure zones is comprised of 24-in diameter pipelines (there are some 30-in diameter pipelines at some reservoirs). The bulk of the transmission system is ductile iron pipe with cement mortar lining and was installed in the last 10 to 15 years. There are a number of small distribution lines (4-in and smaller) that are gradually being replaced over time with minimum 8-in diameter ductile iron pipe. All developments, since the early 1980s, have installed mortar lined, ductile iron pipe. The distribution system is capable of providing over 4,000 gallons per minute (gpm) fire flow in the industrial/commercial areas of the service area.

5.3. Imported Water and Recharge Facilities

Around 2001, BCVWD began investigating an 80-acre site on the east side of Beaumont Avenue between Brookside Avenue and Cherry Valley Boulevard as a location for a facility to recharge captured storm flow and imported water. After extensive hydrogeologic investigations, including pilot testing, the District eventually purchased the site (known as the Oda Property) and developed Phase 1 of the recharge facility on the westerly half of the site. The Phase 1 facilities were completed and went online in late summer 2006. Phase 2 of the recharge facility was completed in 2014. The 80-acre site has excellent recharge capabilities with long-term percolation rates around 7 to 10 acre-ft/acre/day, with proper maintenance.

The District completed construction of a 24-in pipeline from the SGPWA turnout on East Branch Extension (EBX) of the State Water Project to the District's recharge facilities in 2006. A metering station was installed at the turnout at Noble Creek and Vineland Avenue and BCVWD began taking imported water deliveries from SGPWA for recharge in September of 2006. In 2019, the EBX facility was expanded to allow for additional imported water capacity. Since its operation in 2006 through the end of 2023, nearly 131,136 acre-ft (about 42.7 billion gallons) of imported water have been recharged. As of the end of 2023, BCVWD has 32,884 acre-ft "banked" in the Beaumont Basin; this is more than a two-year supply. From 2020 to 2022, the region experienced a severe drought which required the District to extract supplies from its storage account. Due to an abundance of rainfall and snowfall in 2023, the District had the opportunity to recharge water supplies in the Beaumont Basin. As of the end of 2023, BCVWD has 32,884 acre-feet in its storage account.

The District also recently worked with Riverside County Flood Control and Water Conservation District to complete the construction of the MDP Line 16 Project, which will allow the District to capture and recharge stormwater at the Phase 2 recharge facilities. The expected volume of stormwater able to be recharged is approximately 250 AFY. Construction is expected to be completed in 2024.

5.4. Non-potable (Recycled) Water System

Currently, BCVWD has over 40 miles of non-potable water transmission and distribution pipelines (6-in and larger) in-place. This construction has been ongoing since about 2002. A 24-in diameter ductile iron pipeline forms a loop around the City of Beaumont. The system includes a 2 million gallon recycled (non-potable) water reservoir which provides gravity storage and pressurization for the system. The 2 MG non-potable water reservoir is configured to receive potable water or untreated State Project Water (SPW) through air gap connections. The non-potable water system

can have a blend of recycled water, imported water, non-potable groundwater, and potable water. The 2 MG reservoir is located at the District's groundwater recharge facility at Beaumont Avenue between Brookside Avenue and Cherry Valley Boulevard. There are about 350 existing irrigation connections to the recycled water system receiving about 1,600 acre-ft of water based on 2023 water meter records (in 2022, the non-potable water demand was 1,750 acre-ft). The effects of increased development in the District's service area impacted the non-potable system, also.

A large part of the non-potable water system is currently supplied from Well 26 and supplemented with potable water which is introduced into the 2 MG non-potable water tank through an air gap connection. The non-potable water system in the Tournament Hills and Fairway Canyon area is currently supplied with potable water through temporary interconnections between the potable and non-potable water system.

BCVWD is currently working with the City of Beaumont to secure recycled water for use in the non-potable water system. The City recently completed the expansion and upgrade of its existing wastewater treatment facility to bring it to 6 MGD capacity and will be installing a new membrane bioreactor (MBR) treatment unit followed by reverse osmosis membrane treatment. A brine line from the treatment plant to the Inland Empire Brine Line (IEBL) in San Bernardino was constructed in 2020. Upon the availability of recycled water from the City, the non-potable system will be completely severed from the potable system.

A memorandum of understanding between BCVWD and the City for recycled water purchase and use was signed in July 2019 and the City and BCVWD are in the process of finalizing an agreement for purchase of recycled water through an ad-hoc committee consisting of City Council members and BCVWD Board Members.

The Regional Water Quality Control Board (RWQCB) has ordered the City to be in compliance with the maximum benefit provisions, which include providing recycled water for beneficial use, by November 30, 2020. Construction completion has been delayed due to wet weather and the Covid-19 virus shutdown.

When the demand for recycled water for landscape irrigation is less than the supply available (winter months), BCVWD may ultimately recharge surplus recycled water at BCVWD's groundwater recharge facility or some alternative facility with appropriate treatment and permits. Recycled water use and recharge is permitted by the Beaumont Basin Adjudication.

6. Updated Water Demands in San Gorgonio Pass Area

In 2018, BCVWD developed a series of White Papers (White Papers No. 1 through 7) that evaluated water supply, water demands, current and future water supply costs, funding requirements and funding strategies considering both BCVWD's service area and the SGPWA as a whole. These White Papers were presented at BCVWD Board Meetings and elsewhere. The purpose of the White Papers was to assess the water supply situation vis-à-vis the growth in demand. The results of this series of White Papers indicated that the regional imported water demands in BCVWD's 2020 UWMP and the SGPWA 2020 UWMP may be overstated, primarily because of over-aggressive growth in demand, and limited consideration of recent state-mandated conservation and indoor water use requirements.

6.1. Regional Water Supply and Demand Spreadsheet Models

BCVWD, in cooperation with the other major retailers, developed a Regional Water Demand Spreadsheet or Workbook which included a separate worksheet for each of the three major retailers in the SGPWA service area: BCVWD, City of Banning, and Yucaipa Valley Water District (YVWD)/City of Calimesa. The other water supply agencies, e.g., Cabazon Water District, High Valleys Water District, etc. that are not currently receiving imported water from SGPWA were also included, based on data in SGPWA's 2020 UWMP.

The spreadsheet model allows the water agency to input (and adjust):

- New EDU Water Demand, AFY/EDU
- Existing EDU Water Demand, AFY/EDU
- Infill EDUs/year
- Commercial & Institutional EDUs/yr, %Residential EDUs
- Commercial & Institutional EDUs, Minimum EDUs/yr
- Water Conservation, % Reduction on Existing Demands
- Water Conservation, % Reduction on New Demands
- 2020 Year Ending Potable Water Demand, AF
- Beaumont Basin Groundwater Storage Account Maximum, AF
- Beaumont Basin Groundwater Storage Account 2023 Ending Balance, AF

The demand worksheets included the major development projects in each of the retailer's service

areas, based on data in specific plans, water supply assessments, regional water resource planning studies, and other sources. The spreadsheets allow the water supply agencies to input their own development rates, on a year by year basis, to adjust anticipated housing startups, build-out years for large developments, and the amount of in-fill development and commercial/institution development; adjust unit water demands for new and existing housing, and account for any anticipated conservation for new and existing demands, among other items. Each water supplier could adjust their imported water banking requirements and evaluate the impact of their strategies on their own Beaumont Basin storage accounts over time. Table 6-1, below, displays the water supply demands for the different SGPWA service areas.

Table 6-1: Projected Total Water Supply for SGPWA Region through 2045 (AFY)

Service Area Water Supply to Meet Demands	2025	2030	2035	2040	2045
City of Banning	9,473	10,198	10,853	11,565	12,278
Beaumont Cherry Valley	14,963	16,160	17,515	18,710	19,693
Yucaipa Valley WD (Riverside Portion)	1,509	1,841	2,174	2,507	2,839
South Mesa WC (Riverside Portion)	1,032	1,084	1,138	1,196	1,196
High Valley WD	3,400	3,600	3,900	4,100	4,300
Cabazon County WD					
Mission Springs (SGPWA area)					
Other SGPWA service area not served by named retailers					
Total SGPWA Boundary Supply to meet Demands	30,400	32,900	35,600	38,100	40,300

Note:

1. Taken from Table 3-16 in the SGPWA 2020 UWMP
2. The supply totals necessary to meet demands shown in the table above are rounded to the nearest 100.

The spreadsheet provides a graph of the agency’s annual groundwater storage account balance which is automatically updated with any input change. The purpose is to allow the agencies to model, on a year by year basis, various imported water purchase and banking strategies vis-à-vis available imported water from SGPWA. Adjustments can be made to water demands using conservation factors on new and existing (older) housing units; water supply sources can include groundwater, recharged recycled water (indirect potable reuse), and captured storm water.

Beaumont Basin Watermaster’s redistribution of unused overlier rights and forbearance water are included in the model.

The worksheets were reviewed by the retail water agency managers for reasonableness of growth taking into account the housing market and absorption capacity of the SGPWA service area. These spreadsheets, and their criteria are described in detail in White Paper No. 6, and summarized below:

Separate spreadsheet models have been developed for:

- BCVWD
- City of Banning, including Banning Heights Mutual Water Company, High Valleys Water District
- YVWD (Summerwind Ranch and Mesa Verde Area)
- All combined

6.1.1 City of Banning

Major development projects in the City of Banning which are included in the Regional Spreadsheet Model are shown in Table 6-2.

Table 6-2 – Major Development Projects in City of Banning

Project Name	Project EDU's	Estimated Start-up Year	Build-out Years
Butterfield Ranch (Atwell)	4,862	2020	30
Rancho San Gorgonio	3,385	2019	18

The data in Table 6-2 is taken from the water supply spreadsheets; these and other projects have been delayed. As a result, the water supply spreadsheets most likely overestimate the near-term water demands.

Butterfield Ranch (Atwell by Pardee) was projected to start in 2015 and extend for 30 years to buildout in 2045 per the Project's Water Supply Assessment (WSA). The project recently started grading operations and currently is selling homes to be occupied in 2020. Butterfield Ranch proposes 4,862 EDUs, calculating to an average of 160 EDUs per year over the 30-year build-out period. Rancho San Gorgonio is planned for 3,385 EDUs and was initially projected to start in 2017 and be fully built out by 2034 (17 years) per the Project's WSA (about 200 EDUs per year average over the build-out period).

The City of Banning has firm groundwater supplies from the Banning Storage Unit, Banning Bench Storage Unit, Cabazon Storage Unit, and Banning Canyon Storage Unit totaling 7,017 AFY⁴.

In addition, in accordance with the Adjudication, the City of Banning is entitled to 31.43% of the unused overlieer pumping rights in the Beaumont Storage Unit. Watermaster developed estimates for years 2023 through 2028 and are included in the spreadsheet. The amount of unused pumping

⁴ Table 3.4 in Banning 2020 UWMP.

rights varies from year to year, depending on hydrologic conditions and other factors, and is evaluated by Watermaster annually. The Draft 2023 Annual Watermaster Report indicates that Banning's reallocated unused overlied pumping amount for 2023 is 1,408 AFY, slightly less than that reported in the City's 2020 UWMP. As some of the overlying parties develop their properties, the overlied rights will be used by the potable water and recycled water supplying agency and will no longer be available for reallocation. As a result, the total amount subject to reallocation will decrease over time.

The City of Banning has 47,651 AF banked in their Beaumont Basin Storage account at the end of 2023 per Watermaster. For the period 2008 through 2023, the City of Banning has recharged an average of 936 AFY of SPW in BCVWD's recharge facility. The City can store up to 80,000 AF.

Table 6-3 presents a summary on the Supply-Demand Spreadsheet Model for the City of Banning. Table 6-3 was based on the following criteria:

- Average consumption rate of last 10 years: 234 gallons per capita per day
- Consumption Rate in 2001: 363 gpcd
- Consumption Rate in 2020: 247 gpcd
- Approximate "passive" savings over past 20 years: 6 gpcd per year

This was reviewed by the City of Banning. Table 6-3 indicates that the City of Banning has adequate local supply until 2045.

Table 6-3 – Summary of Spreadsheet Supply-Demand Model for City of Banning (AF)

Demand or Supply	Year				
	2025	2030	2035	2040	2045
Population					
Water Service Area Population	38,180	45,235	52,290	59,345	66,400
Consumption Rate (GPCD)	222	211	201	191	181
Supply					
Groundwater Pumped (Total)	8,508	8,574	8,595	8,542	8,476
Pumped from Beaumont Basin Storage Account	999	2,126	3,156	4,128	4,991
Total Anticipated Use of Supplies	9,507	10,700	11,751	12,670	13,467
Total Available Supply, AFY	56,358	52,388	44,066	33,124	21,098
Demand					
Total Estimated Demand	9,507	10,701	11,751	12,670	13,467
Supply/Demand Comparison					
Supply-Demand (Difference)	0	0	0	0	0
Supply/Demand (%)	100%	100%	100%	100%	100%
Available Leftover Supply Capacity	46,851	41,687	32,315	20,454	7,631

Note:

(1) Taken from City of Banning 2020 UWMP Table 7.1

6.1.2 YVWD/City of Calimesa

To develop the spreadsheet for YVWD, several references were reviewed for YVWD’s water supply and projected demands within their service area lying within the SGPWA boundaries:

- 2020 SGPWA UWMP
- 2020 Integrated Regional Urban Water Management Plan Part 2 – Chapter 11

Water supply sources for these projects are:

- Reallocated unused overlieer pumping rights in the Beaumont Basin
- Oak Valley Partners’ earmarked transfer right
- Banked groundwater from storage
- Imported Water from SGPWA
- Treated potable water from the YVWD’s Regional Water Treatment Plant

In accordance with the Adjudication, YVWD’s share (13.58%) of the reallocated unused overlieer pumping right was determined by Watermaster for 2023 through 2028 and reported in the 2023 Draft Watermaster annual report. To project the amount available under more long-term conditions, BCVWD made an evaluation of a fully developed condition of the developable overlieer parcels as shown on the worksheet in the spreadsheet.

YVWD calculates water use projections by calculating actual 2020 water use and projecting planned development projects estimates to extrapolate annual projections to 2045. For the 2020 YVWD UWMP, water use projections also considered codes, ordinances and land use plans in order to refine the estimates.

YVWD has groundwater banked in the Beaumont Basin; at the end of 2023, per Watermaster, the amount in storage was 16,855.30 AF. YVWD has a 50,000 AF storage account.

Table 6-4 presents a summary on the Supply-Demand Spreadsheet Model for YVWD in the SGPWA service area, i.e., principally the City of Calimesa. Table 6-4 indicates that YVWD, in SGPWA service area has sufficient local supply to meet demands until 2045.

Table 6-4 - Summary of Spreadsheet Supply-Demand Model for YVWD (City of Calimesa)

Demand or Supply	Year				
	2025	2030	2035	2040	2045
Total Supplies (AF)	59,180	65,400	72,700	78,950	85,300
Total Demand (AF)	16,288	15,826	15,430	15,072	14,746
Difference (AF)	42,892	49,574	57,270	63,879	70,554

Note:

(1) Taken from YVWD 2020 UWMP Table 11-28

6.1.3 BCVWD

6.1.3.1 City of Beaumont – Cherry Valley Growth and Development

Historic and current populations for the District’s service area were extracted from the District’s 2020 UWMP are presented in Table 6-5 (Table 3-4 from the BCVWD 2020 UWMP) as the District is still awaiting the results of the 2020 census. There were some adjustments to account for the latest census data. The data in Table 6-5 came from several sources:

- 1980 and 1990 populations and household information – U.S. Census Bureau, 2000 Census of Population and Housing, Population and Housing Unit Counts, PHC-3-6, California,

Washington D.C., 2003. This data was used for the City of Beaumont. Data for Cherry Valley for this period was estimated.

- 2000, and 2010, 2015, and 2019 population and household information – U.S. Census Bureau American Fact Finder for Beaumont, CA and Cherry Valley CDP5, CA.
- 2020 Population- Estimated for Cherry Valley based on historic growth from 2018. Estimate for the City of Beaumont based on housing completions from City Planning Department, Major Project Status for period 2010 through 20196, and District staff discussions with various developers regarding construction progress for major projects in the District's service area (ongoing projects discussed herein).

⁵ CDP = Census-designated place

⁶ City of Beaumont Major Project Status Table and Map, December 16, 2019.

Table 6-5: Historical Population and Housing

	1980	1990	2000	2005	2010	2015	2020
City of Beaumont							
Population	6,818	9,685	11,384	19,105	36,877	43,370	51,647
Households	2,852	3,718	3,881	6,307	11,801	12,759	
People/Household	2.39	2.60	2.93	3.03	3.12	3.18	
Housing Units			4,258	6,949	12,908	13,563	
Occupied Housing Units			3,881	6,307	11,801	12,759	
Cherry Valley							
Population	5,012	5,945	5,891	6,126	6,362	6,595	7,610
Households	2,023	2,530	2,310	2,416	2,612	2,692	
People/Household	2.48	2.35	2.55	2.54	2.44	2.45	
Housing Units			2,627	2,750	2,874	2,903	
Occupied Housing Units			2,434	2,523	2,612	2,692	
Total							
Population	11,830	15,630	17,275	25,231	43,239	49,965	59,258
Households	4,875	6,248	6,191	8,723	14,413	15,451	
People/Household	2.43	2.5	2.79	2.89	3.00	3.23	
Housing Units			6,885	9,699	15,782	16,466	
Occupied Housing Units			6,315	8,830	14,413	15,451	

Notes

(1) Taken from Table 3-4 in the 2020 BCVWD UWMP.

Figure 4 shows the population growth in the City of Beaumont and Cherry Valley from 1980 to 2020. The population after 2015 was estimated as described for Table 6-5.

The data in Table 6-5 and Figure 4 shows a very rapid growth for the City of Beaumont between the years 2000 to 2020. Nearly 2/3 of this growth occurred between 2000 and 2010 based on building permits issued by the City of Beaumont. The high rate of growth decreased after 2010 following the economic turndown in the U.S. and California in 2008 which continued for several years. The rate of growth in the District's service area has increased again after 2015 after the start of the economic recovery. The population in Cherry Valley remained relatively constant since 1990. The community of Cherry Valley did not experience the same growth spurt that occurred in the City of Beaumont and other areas in Western Riverside County.

Figure 4: Historical Population Growth in District

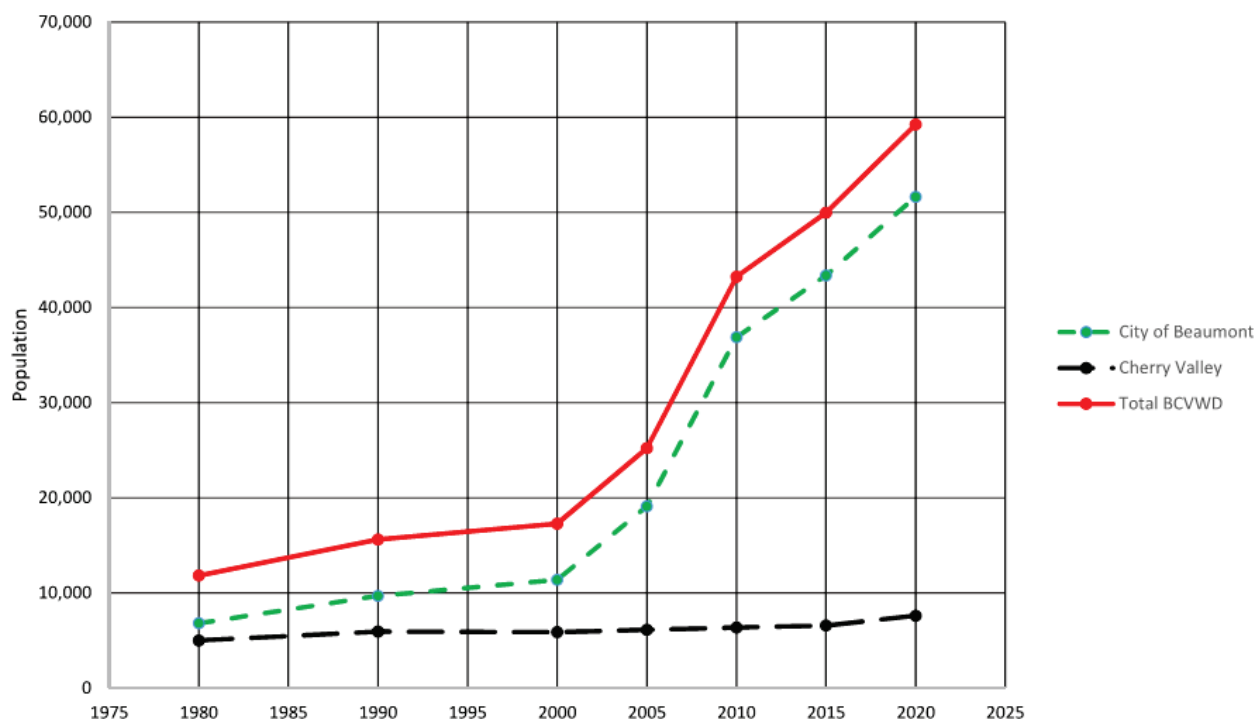
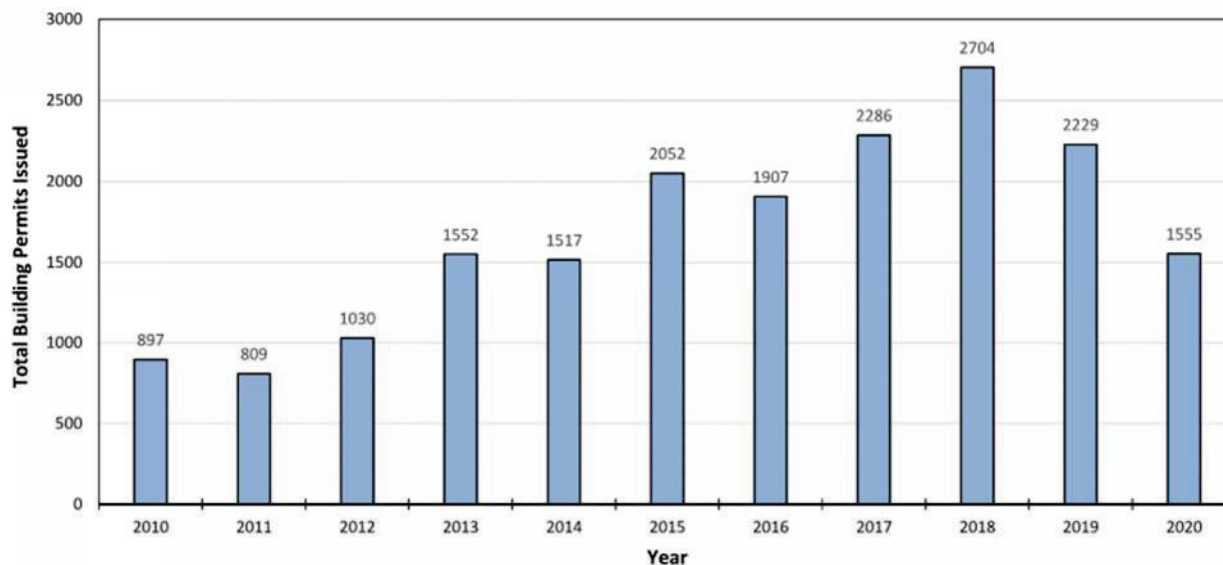


Figure 5 shows the number of single-family home building permits issued in the City of Beaumont for the year 2010 through 2019 (February 2020). BCVWD projects that approximately 500 single family home building permits were issued in 2020. Although not shown in Figure 5, the permits started picking up in 1999-2000 and reached their peak in 2005 with nearly 2,300 new home permits issued for that year. The number of permits for new homes declined to a low of 169 in 2011. Over the last 10 years (2011-2020), permit averaged 450 per year; over the last 5 years (2016-2020), permits averaged 541 per year. The 20-year average has been 693 per year. Future growth will likely be in the range of 350 to 650 permits per year, although some developers have projected slightly higher amounts in their build-out forecasts.

Figure 5: Growth in Beaumont as Shown by Single Family Home Building Permits



BCVWD uses Equivalent Dwelling Units (EDUs) to project water demands, water supply needs, and estimated population growth in the service area. Review of the City of Beaumont’s Major Project Status Report listed five (5) projects that were currently under development (on-going construction). These are listed in Table 6-6 below. It appears there are about 3,155 EDUs in the current on-going projects yet to be constructed as of February 2021. It is important to note that the 14201 California Avenue project was not included in the City of Beaumont’s Project Status Report or General Plan at the time the District’s UWMP was written.

Table 6-7 presents a list of other projects in various stages of approval for the City of Beaumont. The total number EDUs is estimated to about 9,200.

Table 6-6: Projects within BCVWD Service Area Under Construction

Development Name	Total Anticipated EDU's	Estimated Housing Units Yet to be Constructed (Feb. 2021) ¹⁶	Estimated Build-out Year
Sundance	4,450	808	2027
Fairway Canyon SCPGA	3,300	1,650	2035
Olivewood (Heartland)	981	697	2030
Hidden Canyon Industrial Park (Beaumont Distribution Center)	Industrial	-	2021
Sundance Corporate Center	Commercial	-	2021
Totals	8,731	3,155	

Note:

1. Taken from Table 3-6 in the BCVWD 2020 UWMP

The housing units yet to be constructed in Table 6-6 plus the EDUs in the other projects in Table 6-7 total about 12,400 EDUs in the City of Beaumont. This would result in an increase in population of about 35,000 people based on 3.28 people per EDU (average density for the City of Beaumont). This would bring the total Beaumont population to about 95,000. Based on the estimated build-out year for each project in Table 6-7, this population would not occur until after 2045.

Table 6-7: Other Projects within BCVWD Service Area or Sphere of Influence

Development Name	Total Probable EDU's	Estimated Build-out Year	Status (April 2021)
Beaumont Industrial Park (Industrial) ^{1,2}	70	2040	
Beaumont Downtown District	900	Unknown	
Beaumont Village (Mixed Use) ^{1,2}	2350	Unknown	
Beaumont Pointe (Jack Rabbit Trail – Commercial/Industrial) ¹	221	2027	
CJ Foods (Industrial)	225	2023	Incremental EDU increase per year, beginning 2018 and ending in 2023
Dowling Orchard (Industrial) ^{1,2}	50	Unknown	
Potrero Logistics (Hidden Canyon II) ^{1,2}	59	2031	
I-10 & Oak Valley Parkway (Commercial) ¹	200	2035	
Kirkwood Ranch	391	2040	Specific Plan (1991), Tent. Tract Map 27357 Approved
Loma Linda/BUSD (Commercial/Industrial) ^{1,2}	100	2040	
MCM Chicken Ranch (Industrial) ^{1,2}	50	2045	
Noble Creek Vistas (Tract 29522)	298	Unknown	
Noble Creek Meadows (Tract 29267)	274	2025	
Oak Creek Village*(Commercial) ^{1,2}	100	Unknown	
Oak Valley Parkway/Oak View Drive (Commercial) ^{1,2}	75	Unknown	
Olivewood (Commercial) ^{1,2}	40	2035	
Potrero Creek Estates ^{1,2}	700	Unknown	Specific Plan (1989)
Riedman Properties (Merlin Properties)	140	2035	

Note:

1. Taken from Table 3-7 in the BCVWD 2020 UWMP

Table 6-7 Cont.: Other Projects within BCVWD Service Area or Sphere of Influence

Development Name	Total Probable EDU's	Estimated Build-out Year	Status (April 2021)
SDC Fairway Canyon Commercial ^{1,2}	75	Unknown	
Sunny Cal Egg Ranch	529	2040	
Taurek	244	Unknown	
Legacy Highlands (Residential, Commercial, Industrial) ²	2,542	Unknown	
Tournament Hills Phase 3, (TM 36307)	284	2028	Tract 36307, Amendment to Oak Valley Specific Plan Approved
Oak Valley Towncenter (NW Corner Beaumont Avenue & Oak Valley Parkway)	60	2030	
Manzanita (Tract 32850)	95	2035	
Xenia Apartments ³	100	2029	
Totals	9,272		

(1) Commercial/Industrial "EDUs" determined based on 0.546 AFY/EDU, or approximately 487 gal/EDU/day.

(2) District staff estimated EDUs due to project not fully entitled.

Note:

1. Taken from Table 3-7 in the BCVWD 2020 UWMP.

Table 6-8: Summary of New EDUs in BCVWD Service Area

	Cumulative New EDUs					
	2020	2025	2030	2035	2040	2045
Beaumont	1947	4026	6293	8732	10693	12502
Cherry Valley	14	40	97	158	228	262
Total	1961	4066	6390	8889	10922	12764
Average New EDUs/year	654	421	465	500	406	368

Note:

1. Taken from Table 3-8 in the BCVWD 2020 UWMP

Based on the past history of building permits in the City of Beaumont, presented previously in Figure 5, an average of 470 EDUs per year for the period 2020 through 2045 shown in Table 6-8 is believed to be a reasonable market assimilation rate for the area. Table 6-9 shows the growth in population for Beaumont, Cherry Valley and BCVWD, as a whole, based on the anticipated EDU growth shown in Table 6-8.

Table 6-9: Current and Projected Population in BCVWD Service Area

	Based on Expected EDU Growth in Table 3-8					
	2020	2025	2030	2035	2040	2045
Beaumont	51,647	58,467	65,901	73,901	80,335	86,266
Cherry Valley	7,610	7,682	7,838	8,005	8,197	8,290
Total	59,258	66,149	73,739	81,906	88,532	94,556

Note:

1. Taken from Table 3-9 in the BCVWD 2020 UWMP

The growth in EDUs in Table 6-9 was the basis for projecting the water demand in the 2020 UWMP and is presented in future sections of this WSA addendum.

The BCVWD service area build-out or “saturation” population was determined using the City of Beaumont’s Zoning Map and Table 3.2a from the City’s General Plan (2020) to determine the total areas of the various zoning categories in the District’s SOI. Actual GIS data was obtained from the City and integrated into the District’s GIS system to determine the land uses within the District’s SOI. The zoning designation includes a range of dwelling units/acre. Table 3.2 from the City’s General Plan Update includes the estimated number of residential units per land use category.

A similar approach was used for Cherry Valley, only the data from Riverside County General Plan, Pass Area Land Use Plan was used⁷. Again, the GIS data set was obtained from the County and integrated into the District's GIS system to determine the land use category areas within the District's SOI.

BCVWD believes the build-out population for the SOI will increase from that presented in the 2015 UWMP, but the increase is yet to be determined. Build-out will not occur until sometime after 2045. Build-out population is valuable to determine ultimate water demands and ultimate facility requirements.

6.1.3.2 Supply Demand Model for BCVWD

BCVWD's current and future water sources can be summarized in the Table below and as described below. As noted in Table 6-14 of this document, the total BCVWD demand is less than the total available supply showing BCVWD will have sufficient water supplies for the Project under normal operating conditions.

⁷ The Pass Area Land Use Plan, December 6, 2016. (Part of the Riverside County General Plan)

Table 6-10: Current and Future Water Sources Available to BCVWD

Water Source	Current	Future
Groundwater, Edgar Canyon	•	•
Groundwater stored in the Beaumont Basin	•	•
Imported Water purchased through SGPWA	•	•
Recycled water for landscape irrigation		■
Recycled water for groundwater recharge from the City of Beaumont		Potential
Storm Water Capture and Recharge from Edgar Canyon, Noble Creek and other local watershed		■
Urban Storm Runoff captured in detention and water quality basins		■
Captured, nitrate-contaminated shallow groundwater from Edgar Canyon to supplement non-potable water system		Potential
Singleton Basin groundwater		Potential
San Timoteo Basin groundwater to supplement non-potable water system		■
Joint Projects with Other Agencies with Exchanges		Potential
Sites Reservoir		Potential

• Firm, existing source ■ Firm, future source

Note:

1. Taken from Table 6-1 in the BCVWD 2020 UWMP

BCVWD's source of supply consists of:

- **Edgar Canyon (Little San Gorgonio Creek) Groundwater** – BCVWD has long-term records on pumping. From 1957 to 2020, a period of 64 years, the average production from the Edgar Canyon Wells is 1,881 AFY. However, prior to 1983, the ability to utilize the water pumped from Edgar Canyon was limited due to a lack of sufficient conveyance capacity to deliver water from Edgar Canyon to Cherry Valley and Beaumont. In 1983, the District installed the 14-in Edgar Canyon Transmission Main which enabled larger quantities of water to be conveyed from Edgar Canyon to Cherry Valley and Beaumont. From 1983 to 2020, a period of 38 years, the average amount pumped was 2,073 AFY. This is far more indicative of Edgar Canyon's ability to produce water. As shown in Table

6-7 in the BCVWD 2020 UWMP the Edgar Canyon Wells produced about 10% of the District's annual demand (potable and non-potable) in 2020.

- **Beaumont Basin**

- **Overlier Potable and Non-Potable Water Forbearance** – is credited to a water supplier by Watermaster for any potable and/or recycled water provided to an overlying party or an overlying party's land. The overlier forbears pumping the equivalent amount of water supplied and the appropriator then has the right to pump the volume of water forgone by the overlier. This is done through the Beaumont Basin Watermaster who transfers forgone water to the appropriator's groundwater storage account on an annual basis.
- **Reallocated Unused Overlier Pumping Rights** – All of the "safe yield" from the Beaumont Basin is allocated to the overlying parties (overliers). Each overlier was given a share of the safe yield and was allowed to pump no more than five times that share in any five-year period. Most, if not all, of the overlies do not pump their entire share of the safe yield. The amount of groundwater not produced by an overlying party shall be available for allocation to appropriators in accordance with their percentage shares of unused safe yield stated in the Adjudication Exhibit C⁸. BCVWD's share is 42.51% of the unused overlier pumping rights. The Beaumont Basin Watermaster administers this reallocation and transfers the appropriate amounts into the appropriators' storage accounts on an annual basis.
- **Return Flow Credits** – Return flow is defined as the portion of water which is applied to the land which is not evaporated or evapo-transpired and which ultimately percolates (returns) to the groundwater table and which can be re-extracted for use. Return flows originate from irrigation of agricultural land and lawns and landscaped areas in rural and urban settings and from deep percolation of septic tank effluent in unsewered areas, e.g., Cherry Valley. In most adjudicated groundwater basins, credit is given to the supplier of water which is used on land overlying the groundwater basin and which percolates back or "returns" to the groundwater. Watermaster provided annual return flow estimates from various land uses in Table 3 of the Safe Yield Report and were used in estimating current and future return flow credits.

⁸ Beaumont Basin Watermaster Rules and Regulations, Article 7.8

- **Storm Water** – Stormwater capture plays a significant role in BCVWD’s local water resources supply development. Diverted stormwater is/will be routed to percolation ponds capable of recharging the groundwater basins. The District currently has stormwater diversion located in the Upper and Middle of Edgar Canyon.
- **Potential Stormwater Capture Projects** – The District has a number of potential stormwater capture projects as summarized in Table 6-11 with their potential estimated stormwater capture flows shown in Table 6-12.

Table 6-11: Potential Stormwater Capture Projects

Project	Brief Description
Soft plug in Noble Creek at BCVWD Groundwater Recharge Facility	Large flows which would bypass the spreading basins at the mouth of Edgar Canyon (Figure 6-10 above) could still be captured. Provide "soft plug" in lined portion of Noble Creek channel and divert flows into BCVWD’s recharge facility. (Note that only extreme flows actually make it out of the canyon). Estimated Yield – 500 AFY.
Stormwater Capture Noble Creek	Noble Creek flows could be desilted on property owned by BCVWD (15.7 acres) along Noble Creek upstream of Noble St and west of Cherry Ave. Unfortunately, this area is not over the Beaumont Basin, but the property could be used for desilting basins with the desilted water released back into Noble Cr. and recaptured at a soft plug in the lined channel and diverted into the District’s recharge site. Estimated Yield = 400 AFY.
Marshall Creek s/o Elm to I-10	There is a significant amount of urban runoff from the developed area east of Beaumont Ave, between Oak Valley Parkway and Brookside Ave, which could be captured in the soft bottom of Marshall Creek using training dikes to prevent the water from going under the I-10 bridge. There is about 300 ac of urban drainage. Estimated Yield = 150 AFY.
Beaumont MDP Line 16	Approximately 517 acres of area could be intercepted by a storm drain along Grand Ave, and conveyed to the District’s Recharge facility. This water is relatively free of sediments and runoff is generated with even the slightest amount of rainfall. Refer to Table 6-11 for estimates of stormwater capture.
Sundance Urban Runoff	Eighth St., Cherry Ave., and Starlight Ave. Basins capture runoff from the Sundance development. These basins capture runoff effectively, but percolation needs to be improved. Refer to Table 6-11 for estimates of stormwater capture.

Note:

1. Taken from Table 6-8 in the BCVWD 2020 UWMP.

Table 6-12: Summary of the Urban Runoff Drainage Areas and Retention Basin Volumes

Facility	Drainage Area, acres	Basin Volume, acre-ft
Beaumont MDP Line 16	517	90
Cherry Ave Basin	426	240
Eighth St. Basin	475	128
Starlight Basin	250	32

Note:

1. Taken from Table 6-11 in the BCVWD 2020 UWMP.

- **Non-Potable Groundwater**

- **Mouth of Edgar Canyon (Potential)** – High nitrate groundwater located at the mouth of Edgar Canyon can supplement the recycled water/non-potable water system flow in the summer, high demand months, making well water available for potable water use. BCVWD believes as much as 300 AFY can be captured and reused.
- **San Timoteo Creek (Potential)** – San Timoteo Canyon Extraction Wells to capture groundwater from the Beaumont Basin flowing into San Timoteo Canyon and also to capture City of Beaumont wastewater flow discharged to Cooper’s Creek once the water has percolated and is no longer available for habitat maintenance. It is estimated that 400 to 800 AFY can be captured and put into the recycled water/non-potable water system to meet summertime demands.

- **Recycled Water** – The District is currently in the process of finalizing its Non-Potable Water Master Plan, which includes more current non-potable system facility requirements and recycled water supply projections. The non-potable/recycled water supply data provided in this WSA addendum are consistent with the District’s 2020 UWMP. The non-potable/recycled water supply projections are considered draft as of the date of approval of this Addendum 1. Data from the BCVWD 2020 UWMP is used for consistency.

BCVWD is currently working with the City of Beaumont to distribute Title 22 recycled water produced at the City of Beaumont’s Treatment Plant No. 1. Phase 1 of the City’s wastewater treatment plant construction has been completed, increasing the rated capacity from 4 MGD to 6 MGD. Process upgrades include redundant coarse screens, a grit removal system, a flow equalization basin, a fine screen system, an activated sludge process coupled with a new MBR system followed by a partial RO, and a new UV disinfection system. The City submitted a Title 22

Recycled Water Engineering Report to the Santa Ana Regional Water Board in September 2019 and is awaiting formal comment. Another component to the treatment facility upgrades is the construction of a 12-inch diameter gravity pipeline from the Beaumont WWTP to the nearest connection point in the Inland Empire Brine Line (IEBL) to dispose of the brine waste generated by the upgraded treatment facility. Construction of the brine line was completed around early 2020 and is approximately 23 miles long.

BCVWD continues to work with the City relative to recycled water. Historically, the City of Beaumont's effluent has experienced TDS concentrations of about 400 mg/L, which is an excess of the Regional Board's Maximum Benefit Water Quality Objectives for the Beaumont Basin. With the implementation of the reverse osmosis system, the recycled water from the City will be treated to a high-level and should have no issue in achieving the Maximum Benefit Water Quality Objectives.

Table 6-13 below lists the estimated recycled water produced, the recycled water that must be reserved for habitat mitigation (1.8 mgd), and the net amount of recycled water available for recycling. Please note that not all the wastewater can be recycled due to onsite recycled water demands and reject water from the reverse osmosis process.

Table 6-13: Recycled Water Available from City of Beaumont’s WWTP

Year	2020	2025	2030	2035	2040	2045
City of Beaumont Population	51,663	59,261	67,104	74,891	79,522	81,513
Wastewater Generation Flow Rate, gpcd	70	67.5	65	65	62	60
Wastewater Flow, mgd	3.62	4	4.36	4.87	4.93	4.89
Environmental Mitigation Flow, mgd	1.8	1.8	1.8	1.8	1.8	1.8
Wastewater Available for Recycling, mgd	1.82	2.2	2.56	3.07	3.13	3.09
Estimated amount which can be recycled, mgd	1.45	1.8	2.13	2.58	2.64	2.6
Estimated amount which can be recycled, AFY	1,630	2,017	2,381	2,892	2,955	2,915
Estimated amount which can be recycled, AF/month	136	168	198	241	246	243
Estimated amount which can be recycled, gal/min	1,020	1,260	1,480	1,800	1,840	1,810

Notes

1. The City of Beaumont population growth is less aggressive than shown in tables presented in Section 3 of the BCVWD 2020 UWMP to be conservative in the amount of recycled water available.
2. Table taken from Table 6-15 in the BCVWD 2020 UWMP.

- **Imported Water from SGPWA** – The amount of imported water which BCVWD is able to purchase and recharge is only the amount left over after YVWD, the City of Banning, and others have purchased the amount each needs to meet their demands and banking. The amount available from the SGPWA collectively is discussed later in this WSA. BCVWD has entered into an agreement, and participated financially, with the SGPWA for a share of the yield from the Sites Reservoir Project. This is discussed later in this WSA.

For the normal year, there is more than enough supply to meet the demand and BCVWD can bank water in the Beaumont Basin, which will be needed during dry periods. As noted in Table 6-14 below, demand totals include BCVWD's need include banking imported water to ground water storage for drought proofing. Any additional supply available after all demands have been satisfied would be recharged and added to BCVWD's storage account. Due to this Project's demands having not been accounted for in the BCVWD 2020 Urban Water Management Plan, the demands in the table below have been increased to include the demands of the proposed Project (14201 California Avenue) and reflect that there is adequate water supply.

A summary of the Water Supply Assessment for an average year is indicated below in Table 6-14.

Table 6-14: Water Supply Assessment for Normal Year Conditions

	YEAR				
	2025	2030	2035	2040	2045
DEMAND					
Potable Water Demand, AFY	13,224	14,280	15,419	16,313	17,110
Drought Proofing, AFY	1,500	1,200	1,000	1,000	1,000
Supplemental Water to Non-Potable System, AFY	276	246	-	-	-
Non-Potable Water Demand, AFY	1,992	2,210	2,513	2,596	2,613
Total Water Demand, AFY	16,992	17,936	18,932	19,909	20,723
LOCAL SUPPLY					
Potable Groundwater					
Edgar Canyon, AFY	2,073	2,073	2,073	2,073	2,073
Beaumont Basin Groundwater Available					
Overlier Potable Forebearance, AFY	-	67	264	384	384
Overlier Non-Potable Forebearance, AFY	471	480	1,123	1,158	1,158
Reallocation of Unused Overlier Rights, AFY	1,322	1,286	1,165	1,099	1,099
Return Flow Credits, AFY	280	514	868	922	1,155
Storm Water, AFY	185	535	535	535	535
Non-Potable Groundwater					
Mouth of Edgar Canyon, AFY	-	-	300	300	300
San Timoteo Creek, AFY	-	-	600	600	600
Recycled Water Available, AFY	2,017	2,381	2,892	2,955	2,915
Subtotal Local Supply, AFY	6,348	7,335	9,820	10,027	10,220
BCVWD's Share of Imported Supply					
Table A Allocation (58%), AFY	7,877	7,184	6,653	5,860	5,248
Yuba Accord, AFY	182	166	154	135	121
AVEK Nickel, AFY	1,335	1,217	1,127	993	889
Ventura, AFY	4,553	4,153	3,845	3,387	-
SGPWA Carryover Water, AFY	2,368	2,159	2,000	1,761	1,577
Sites Reservoir, AFY	-	-	3,037	5,623	7,911
Additional SWP Transfers/Exchanges, AFY	455	415	385	339	303
Subtotal Imported Supply (Normal Conditions), AFY	16,769	15,295	17,200	18,098	16,050
Total Supply, AFY	23,118	22,631	27,020	28,125	26,270
From (To) Banked Beaumont Basin Storage, AF	(6,126)	(4,695)	(8,089)	(8,216)	(5,547)

Note:

1. Modified Table 7-8 from the BCVWD 2020 UWMP to include Ventura Water
2. The demands in the above table have been updated to include the demands for the 14201 California Ave. Project.

6.2. Summary of Member Agency Imported Water Demands on SGPWA

Table 6-15 includes a projected amount of imported water for member agencies in SGPWA that are not currently taking SPW. These amounts were taken from SGPWA's 2020 UWMP. BCVWD believes these amounts are conservative considering the growth rates in the SGPWA Area.

Table 6-15 - Regional Summary of Spreadsheet Supply-Demand Model for SGPWA

Demand or Supply	Year				
	2025	2030	2035	2040	2045
Potable Water Demand, Banning, YVWD (Calimesa), BCWD Potable & Non-Potable, AFY	39,094	40,600	42,050	43,388	44,473
Local Supply, Banning, YVWD (Calimesa), BCVWD, AFY	26,005	26,094	27,671	26,934	26,203
Imported Water Demand, AFY	19,277	19,262	22,530	24,733	23,880
Total Imported and Local Supply, AFY	45,282	45,356	50,201	51,667	50,083
Total to (from) Regional Groundwater Storage, AF	6,188	4,756	8,151	8,279	5,610
SGPWA Imported Water Demands for those agencies not currently taking imported water, from SGPWA 2020 UWMP, AFY	3,400	3,600	3,900	4,100	4,300
Total Imported Water Demand, AFY	22,677	22,862	26,430	28,833	28,180

Note:

1. Taken data from Tables 6-3, 6-4, and 6-14.

7. SGPWA Available Imported Water

In November of 1962, SGPWA entered a State Water Project water service contract (SWP Contract) with the State of California Department of Water Resources (DWR). The SWP Contract authorized DWR to deliver SWP water to SGPWA under certain terms and conditions.

SGPWA also acquires water supplies through contracts with other agencies and annual water transfers and exchanges. SGPWA annually acquires Yuba Accord water as well as water under the Nickel Agreement. SGPWA may also acquire water through an agreement with San Bernardino Valley Municipal Water District (SBVMWD) as well as annual transfers and exchanges with other SWP contractors. In the future, SGPWA will acquire water through the Sites Reservoir Agreement. All these additional supplies, beyond SGPWA’s SWP supply, are discussed in the following sections.

SGPWA’s delivery of supplemental water includes both delivery to water filtration facilities and groundwater recharge basins to assist with the management of groundwater in the SGPWA service area. Whether by direct delivery, in-lieu recharge, or direct recharge, the SGPWA plays a critical role in the local management of groundwater and surface water resources.

7.1. State Water Project Overview

The State Water Project (SWP) is the largest state-built, multi-purpose water project in the country. It was authorized by the California State Legislature in 1959, with the construction of most facilities completed by 1973. Today, the SWP includes 28 dams and reservoirs, 26 pumping and generating plants, and approximately 660 miles of aqueducts.

The primary water source for the SWP is the Feather River, a tributary of the Sacramento River. The water flowing in the Feather River is captured by the SWP in Oroville dam and reservoir.

Water storage released from Oroville Dam flows down natural river channels to the Sacramento-San Joaquin River Delta (Delta). While some SWP supplies are pumped from the northern Delta into the North Bay Aqueduct or diverted by SWP contractors upstream, the vast majority of SWP supplies are pumped from the southern Delta into the 444-mile-long California Aqueduct. The California Aqueduct conveys water along the west side of the San Joaquin Valley to the Edmonston Pumping Plant, where water is pumped over the Tehachapi Mountains. From there the California Aqueduct divides into the East and West Branches. SGPWA takes its SWP deliveries from the East Branch, which was completed in 2003. Phase 2 of the East Branch Extension was completed in 2018 which increased the capacity of the supplemental water supplies and allowed the SGPWA to take the Agency's official maximum allotment of State Project Water.

SGPWA delivers its SWP supplies, along with other water supplies, to recharge local groundwater basins through transmission pipelines and recharge systems as well as some delivery to Yucaipa Valley Water District.

SGPWA is one of 29 water agencies that have a SWP Contract with DWR. Each SWP contractor's SWP Contract contains a "Table A Annual Amounts" (Table A) which lists the contracted maximum amount of water an agency may receive under its contract. Table A is also used in determining each contractor's share of the total SWP water supply DWR determines to be available each year. The total planned annual delivery capability of the SWP and the sum of all contractors' maximum Table A amounts was originally 4.23 million acre-feet. The initial SWP storage and conveyance facilities were designed to meet contractors' water demands with the construction of additional storage facilities planned as demands increased. However, few additional SWP storage facilities have been constructed since the early 1970s and a portion of the original conveyance design was never completed. SWP conveyance facilities were generally designed and have been constructed to deliver Table A to all contractors. The maximum Table A of all SWP contractors now totals about 4.133 million AF. SGPWA manages its SWP supplies to maximize the availability of these supplies to its retail customers. In this way, SGPWA seeks to optimally manage its Table A wet year supplies, acquire additional SWP supplies through Article 21 conditions (SWP surplus conditions), access Advanced Table A supplies, and potentially exchange Table A supplies with other SWP contractors. All of these actions improve the long-term reliability of Table A supplies.

7.1.1 Table A Allocations

SGPWA’s Table A Annual Amount is 17,300 acre-feet per year up through the 2045 UWMP planning horizon. SGPWA’s Table A represents a maximum contract amount that could be available each year assuming that the SWP could deliver 100% contract supplies to all SWP contractors. Though not shown on Table 7-1, 2023 was a 100% allocation year. Prior to 2023, the last 100% allocation year occurred in 2006. Currently, the Table A Allocation for 2024 is 40%. SGPWA’s SWP Contract has numerous components that allow SGPWA to manage and control the annually available SWP water supplies.

More often than not, actual SWP allocations are less than 100% SGPWA’s Table A Annual Amount. Annual SWP percentage Table A allocations fluctuate based upon hydrology, water storage, and regulatory criteria in the Delta. Table 7-1 below shows the SGPWA Table A Annual Amount from 2010 through 2020, the SWP allocation percentage, and the final available Table A allocation from 2010-2020. During this period, the SGPWA received on average 8,335 acre-feet, or about 48% of the Table A contract amount. It is important to recognize that this period included a significant and recent drought event.

Table 7-1: SWP Table A Allocations and Deliveries

Year	SWP Contract Table A	Percent Allocation	Allocation Amount
2010	17,300	50%	8,650
2011	17,300	80%	13,840
2012	17,300	65%	11,245
2013	17,300	35%	6,055
2014	17,300	5%	865
2015	17,300	20%	3,460
2016	17,300	60%	10,380
2017	17,300	85%	14,705
2018	17,300	35%	6,055
2019	17,300	75%	12,975
2020	17,300	20%	3,460

Notes

1. Taken from Table 3-1 in the 2020 SGPWA UWMP.

DWR has projected that it is less likely that 100% allocation years will occur on a regular basis in the future. In August 2020, DWR finalized the “2019 SWP Delivery Capability Report” (DCR) that outlined the probable future water supply allocations for the SWP system. The DCR showed

variations in future Table A deliveries based upon hydrological and regulatory conditions. These conditions are summarized in Table 7-2 below along with SGPWA's corresponding Table A amount.

Table 7-2: SWP Estimated Table A Deliveries from DCR (values in acre-feet)

	Long Term Average		Single Dry Year (1977)		Dry Periods							
					2 Year Drought (1976-1977)		4-Year Drought (1931-1934)		6-Year Drought (1987-1992)		6 Year Drought (1929-1934)	
2017 Report	2,571	62%	336	8%	1,206	29%	1,397	34%	1,203	29%	1,408	34%
2019 Report	2,414	58%	288	7%	1,311	32%	1,228	30%	1,058	26%	1,158	28%

Notes

1. Taken from Table 3-2 in the 2020 SGPWA UWMP

As shown in Table 7-2, DWR's long-term average reliability shows a downward trend from 62% in the 2017 SWP DCR to 58% in the 2019 DCR. DWR attributes this downward trend to climatological and hydrological factors that impact precipitation patterns and snowfall accumulation above its main SWP facility, Lake Oroville. In this way, SGPWA characterizes its average normal year SWP water supply through 2045 as 58% of its Table A Annual Amount in accordance with the DCR. Thus, from 2025 through 2045, SGPWA's projected Table A final available allocation will be 58% of 17,300 acre-feet or 10,034 acre-feet per year. Importantly, SGPWA anticipates years where its Table A Allocation exceeds the average normal year delivery of 58%. In these years, SGPWA will capture and store the surplus water assets.

The single dry year characterization and five consecutive dry year characterization for the SWP supplies are also an important consideration in SGPWA's UWMP. The 2017 and 2019 DCR represent the single driest year as 1977 with an 8% SWP allocation estimate in 2017 DCR and a 7% SWP allocation estimate in 2019 DCR. The single lowest historical SWP allocation occurred in 2014 at 5%, and this 5% allocation is also representative of the 2021 Table A Allocation. As such, to be conservative in its projections, SGPWA will use 5% of 17,300 acre-feet or 865 acre-feet per year as the single dry year allocation through 2045 as depicted in Table 7-3.

Table 7-3: SWP Future Table A Projected Water Year Deliveries During Single and Multi-Year Drought Conditions (AFY)

Table A	Year Type	Amount
	Normal	10,034
	Single Dry Year	865
Multi-Year Drought	Year 1	6,055
	Year 2	865
	Year 3	865
	Year 4	3,460
	Year 5	6,055

Notes

1. Taken from Table 3-3 in the 2020 SGPWA UWMP

The 2019 DCR also identifies various drought periods for purposes of characterizing SWP allocation percentages that would accompany those drought periods. The averaging of the allocations over the course of the drought period is not representative of SGPWA drought planning purposes. SGPWA will use the following drought characterization for its short-term and long-term planning: year 1 at 35%; year 2 at 5%; year 3 at 5%; year 4 at 20%; and year 5 at 35%. SGPWA examined the historical record and determined that there was no representative five consecutive year historical SWP delivery dry period that adequately reflects a potential future five-year critical drought condition that could drastically reduce SWP supply deliveries for SGPWA's service area. As such, taking a more conservative planning approach, SGPWA created a more restrictive dry year characterization that adequately represents a critical drought over five consecutive years. In this dry year modeled sequence, two consecutive critically dry years are bounded by Table A allocations that are reflected in the recent historical record. Table 7-4 shows the normal year, single dry year, and five consecutive dry years planned SWP Table A Allocation for San Gorgonio Pass Water Agency through 2045.

Table 7-4: Future SWP Allocations by Year Type Through 2045 (AFY)

Total Supply		2025	2030	2035	2040	2045
Normal		10,034	10,034	10,034	10,034	10,034
Single Dry Year		865	865	865	865	865
Multi-Year Drought	Year 1	6,055	6,055	6,055	6,055	6,055
	Year 2	865	865	865	865	865
	Year 3	865	865	865	865	865
	Year 4	3,460	3,460	3,460	3,460	3,460
	Year 5	6,055	6,055	6,055	6,055	6,055

Notes

1. Taken from Table 3-4 in the 2020 SGPWA UWMP

7.1.2 Table A Carryover Water

SGPWA’s SWP Contract allows it to forego use of its allocated SWP Table A supply and retain a portion of that allocated supply in storage for future use. This retained supply is termed “Carryover” and is governed under Article 56 of SGPWA’s SWP contract. Carryover water is water that is released from Oroville dam and reservoir, re-diverted at the Delta, and then stored in San Luis Reservoir – an off-stream reservoir located just outside the City of Santa Nella at the junction of Interstate 5 and California State Highway 152. San Luis Reservoir is jointly owned and operated by the state and federal governments and all SWP contractors may use the storage facility to manage Carryover water supplies. In short, the San Luis Reservoir receives, regulates, and stores exported water derived from the State Water Project and Federal Central Valley Project.

The amount of water that SGPWA may carryover in any given year is subject to a set of rules that implicate all SWP contractors throughout California. In brief, SGPWA delivers its Table A supplies to Carryover in San Luis Reservoir with an expectation that it will be able to divert all or a portion of these supplies in a subsequent year. In the event that water supplies are abundant, San Luis Reservoir may “spill.” When San Luis Reservoir reaches a “spill” stage, DWR releases SGPWA’s Carryover in accordance with the aforementioned rules as they apply in the context of all entities with stored water in San Luis Reservoir. Nevertheless, over the last 10 years SGPWA has retained a portion of its Table A Allocation as Carryover even in the driest years and continues to maintain a Carryover balance. Table 7-5 shows SGPWA’s Carryover balance from 2010 through 2020.

Table 7-5: SGPWA Historic SWP Carryover Storage and Use (AFY)

Year	Source	Available Carryover
2010	97-12 Historic Delivery Database	2,719
2011	97-12 Historic Delivery Database	4,535
2012	97-12 Historic Delivery Database	4,956
2013	Finalization Report	5,277
2014	Finalization Report	5,264
2015	Finalization Report	954
2016	Finalization Report	936
2017	Finalization Report	1,700
2018	Finalization Report	5,159
2019	Finalization Report	2,668
2020	Finalization Report	4,211

Notes

1. Taken from Table 3-5 in the 2020 SGPWA UWMP

The Carryover supplies noted in Table 7-5 combine a number of water management factors that impact SGPWA’s overall water supply availability. For example, where SGPWA is able to acquire additional water assets in normal and wet year types, SGPWA may carryover SWP supplies to water shortage years for use. Moreover, where SGPWA may acquire alternative supplies through transfers and exchanges, even in the driest years, the Agency may then manage its supply portfolio to preserve Carryover supplies for later use. For instance, in 2015, the SGPWA stored 954 acre-feet of water supplies as Carryover when SWP allocations were at the lowest historical allocation on record – five percent (5%) – in the 2014 water year (see Table 7-1). Similarly, in 2015 – a 20% allocation year – SGPWA was able to carryover 936 acre-feet of water into the 2016 water year by acquiring alternative supplies and flexibly managing regional supplies in coordination with the retail agencies. SGPWA’s management actions coordinated the Agency’s available water supply portfolio in these years with the regional retail agencies water supply portfolios and water conservation efforts in order to preserve SWP supplies for future uses.

The SGPWA will have access to its Table A Carryover supplies in future years based upon the hydrological and regulatory conditions. The Table A Carryover supplies result from a number of variables that are tied to the SWP Table A annual percent allocation, operations in San Luis Reservoir, and water supply management by SGPWA throughout its service area. In wet years, SGPWA carries over substantial supplies that are considered in the annual carryover numbers.

Accordingly, water years 2013 through 2017 above are representative of a five-year Carryover supply availability for SGPWA – and include 2014 and 2015 two of the driest years on record. Furthermore, SGPWA conservatively estimates future Carryover supplies in a normal year to be approximately 5,200 acre-feet similar to 2013, 2014, and 2018 and carryover in a single dry year to be just over 900 acre-feet like 2015 and 2016. These supplies are estimated based upon typical SWP management in a normal year in context of SGPWA’s total water supply portfolio. The future normal year Carryover supply represents approximately half of SGPWA’s normal year carryover number as noted in Table 7-5 but other years represent Carryover supplies that may result from additional SGPWA multi-year management actions that allow Carryover supplies to be available in these year types. Table 7-6 shows the Carryover supplies through 2025 and Table 7-7 shows the representative Table A Carryover supplies through 2045.

Table 7-6: Carryover Supplies Through 2025 (AFY)

Carryover	Year Type	Amount
	Normal	3,000
	Single Dry Year	936
Multi-Year Drought	Year 1	3,000
	Year 2	2,500
	Year 3	954
	Year 4	936
	Year 5	1,700

Notes

1. Taken from Table 3-6 in the 2020 SGPWA UWMP

Table 7-7: Future Available Table A Carryover Supplies (AFY)

Year Type	2025	2030	2035	2040	2045
Normal	3,000	3,000	3,000	3,000	3,000
Single Dry Year	936	936	936	936	936
Multi-Year Drought	Year 1	3,000	3,000	3,000	3,000
	Year 2	2,500	2,500	2,500	2,500
	Year 3	954	954	954	954
	Year 4	936	936	936	936
	Year 5	1,700	1,700	1,700	1,700

Notes

1. Taken from Table 3-7 in the 2020 SGPWA UWMP

7.1.3 Delta Conveyance Project Future SWP Increment

The Delta Conveyance Project, if implemented, would increase the future reliability of SGPWA water supplies derived from the SWP. Consistent with Executive Order N-10-19, in early 2019,

the state announced a new single tunnel project, which proposed a set of new diversion intakes along Sacramento River in the north Delta for SWP. In 2019, the California Department of Water Resources (DWR) initiated planning and environmental review for a single tunnel Delta Conveyance Project (DCP) to protect the reliability of State Water Project (SWP) supplies from the effects of climate change and seismic events, among other risks. DWR's current schedule for the DCP environmental planning and permitting extends through the end of 2024. DCP will potentially be operational no later than 2040 following extensive planning, permitting, and construction.

SGPWA anticipates that the DCP will increase access to water assets by providing conveyance opportunities that are currently unavailable. SGPWA recently increased its investment in the DCP from 1.22% to 2% of project capacity in order to improve future conveyance actions related to its water asset portfolio. As such, the DCP investment should provide better access to SWP supplies in normal and wet years as well as opportunities to deliver alternative planned supplies as they become available to SGPWA

7.2. SGPWA Additional Imported Water Supplies

SGPWA has numerous other current and future water assets besides its Table A Annual Amount and Table A carryover supplies. These supplies are derived from the following items: Yuba Accord, Nickel Agreement, San Bernardino Valley Municipal Water District Agreement, Sites Reservoir Agreement, and Ventura Water Agreement. These additional water sources are more fully described below.

7.2.1 Yuba Accord Water

In 2008, SGPWA entered into the Yuba Accord Agreement and has amended the agreement several times through 2014. The Yuba Accord Agreement allows SGPWA to purchase water from Yuba County Water Agency through its contractual arrangement with DWR that permits 21 SWP contractors (including SGPWA) and the San Luis and Delta-Mendota Water Authority regular access to the supply. Yuba Accord water comes from the Yuba River, located north of the Delta, and the water purchased under this agreement is subject to losses associated with transporting it to SGPWA's service area. While the amount of this water varies each year depending on hydrologic conditions, the Agency anticipates receiving an average future amount of approximately 300 AFY. The Agency recently signed an extension to this agreement allowing it to purchase this water well into the future. Table 7-8 shows the last five years of Yuba Accord water supplies coming to SGPWA. Table 7-9 shows the normal, single dry, and five consecutive dry year water supplies available under the Yuba Accord.

Table 7-8: Last Five Years of Yuba Accord Water Deliveries (AFY)

Year	Yuba Accord Deliveries
2015	0
2016	0
2017	0
2018	124
2019	0
2020	406

Notes:

1. Taken from Table 3-8 in the 2020 SGPWA UWMP

Table 7-9: Yuba Accord Future Water Deliveries in all Year Types (AFY)

Yuba Accord Supply	2025	2030	2035	2040	2045
Normal	400	400	400	400	400
Single Dry Year	100	100	100	100	100
Multi-Year Drought	Year 1	300	300	300	300
	Year 2	100	100	100	100
	Year 3	100	100	100	100
	Year 4	200	200	200	200
	Year 5	300	300	300	300

Notes:

1. Taken from Table 3-9 in the 2020 SGPWA UWMP

7.2.2 Nickel Agreement

SGPWA signed an agreement with Antelope Valley – East Kern Water Agency (AVEK) on July 7, 2017 (hereafter called “Nickel Agreement”). The Nickel Agreement entitles SGPWA to purchase 1,700 acre-feet of AVEK water each year under a take or pay provision. The AVEK water is non-project water that is provided by the Kern County Water Agency. The Nickel Agreement expires in 2036 and SGPWA has a right of first refusal for an additional 20-year term. AVEK is required to deliver 100% of the supply in all years. Table 7-10 shows SGPWA Nickel Agreement water deliveries since 2017.

Table 7-10: Nickel Agreement Water Deliveries since 2017 (AFY)

Year	Nickel Agreement Deliveries
2017	1,700
2018	1,700
2019	1,700
2020	1,700

Notes:

1. Taken from Table 3-10 in the 2020 SGPWA UWMP

SGPWA may consider the Nickel Agreement water supply always available in normal, single dry, and five consecutive dry years. The Nickel Agreement is a take or pay contract with no shortage provision that obligates AVEK to deliver the water in all year types. Table 7-11 shows the SGPWA Nickel Agreement future water supply availability.

Table 7-11: Nickel Agreement Future Water Deliveries in all Year Types (AFY)

Nickel Agreement Deliveries		2025	2030	2035	2040	2045
Normal		1,700	1,700	1,700	1,700	1,700
Single Dry Year		1,700	1,700	1,700	1,700	1,700
Multi-Year Drought	Year 1	1,700	1,700	1,700	1,700	1,700
	Year 2	1,700	1,700	1,700	1,700	1,700
	Year 3	1,700	1,700	1,700	1,700	1,700
	Year 4	1,700	1,700	1,700	1,700	1,700
	Year 5	1,700	1,700	1,700	1,700	1,700

Notes:

1. Taken from Table 3-11 in the 2020 SGPWA UWMP.

7.2.3 San Bernardino Valley Municipal Water District Agreement

SGPWA entered the Surplus Water Sale Agreement with San Bernardino Valley Municipal Water District Surplus Water Sale Agreement (SBVMWD Agreement) in June of 2018. SBVMWD is a SWP contractor that holds an entitlement to 102,600 acre-feet under its Table A Annual Amount in its 1960 SWP contract. The SBVMWD Agreement entitles SGPWA to purchase up to 5,000 acre-feet of SWP entitlement each year with SBVMWD’s express concurrence. The SBVMWD Agreement expires on December 31, 2032, and there is no right of renewal. Nevertheless, SGPWA anticipates renewing this contract. The amount of water available under the contract varies each year and is subject to the “sole discretion” of SBVMWD whether the water will be

made available for SGPWA to purchase. The water supply under this agreement may be available depending upon SBVMWD's supply availability determination. The SGPWA is not incorporating this potential supply into its water supply reliability determinations for all year types but considers the supply a component of its available transfer and exchange supplies and, when acquired, may be incorporated into its groundwater storage facilities.

7.2.4 Sites Reservoir Agreement

SGPWA signed the Sites Reservoir Agreement in 2019. Sites Reservoir is a proposed new 1,500,000 acre-feet off-stream storage reservoir in northern California near Maxwell. Sacramento River flows will be diverted during excess flow periods and stored in the off-stream reservoir and released for use in the drier periods. Sites Reservoir is expected to provide water supply, environmental, flood, and recreational benefits. The proponents of Sites Reservoir include 30 entities including several individual SWP Public Water Agencies (PWAs). Sites Reservoir is expected to provide approximately 240 TAF of additional deliveries on average to participating agencies under existing conditions. Sites Reservoir is currently undergoing environmental planning and permitting. Full operations of the Sites Reservoir are estimated to start by 2029 following environmental planning, permitting, and construction. Sites was conditionally awarded \$816 million from the California Water Commission for ecosystem, recreation, and flood control benefits under Proposition 1. Reclamation has also invested in Sites Reservoir and has allocated \$13.7 million in 2021 for the project. Both SGPWA and Beaumont Cherry Valley Water District have purchased shares in Sites Reservoir, 10,000 shares and 4,000 shares respectively, that would augment supplies in the San Geronio Pass Water Agency service area. Table 7-12 shows the future availability of Sites Reservoir water in the SGPWA's service area and incorporates both the SGPWA and Beaumont Cherry Valley potential supplies. Other stakeholders with investments in Sites Reservoir have accounted for available supplies in 2035 as well.

Table 7-12 Future Availability of Sites Reservoir Water (AFY)

Sites Reservoir		2025	2030	2035	2040	2045
Normal		0	0	10,000	12,000	15,000
Single Dry Year		0	0	10,000	12,000	15,000
Multi-Year Drought	Year 1	0	0	10,000	12,000	15,000
	Year 2	0	0	10,000	12,000	15,000
	Year 3	0	0	10,000	12,000	15,000
	Year 4	0	0	10,000	12,000	15,000
	Year 5	0	0	10,000	12,000	15,000

Notes:

1. Taken from Table 3-12 in the 2020 SGPWA UWMP.

7.2.5 Ventura Water

In 2022, SGPWA entered into a 20-year Agreement with the City of San Buenaventura (Ventura) and the Casitas Municipal Water District (Casitas). Together, the City of Ventura and the Casitas Municipal Water District have a combined Table A water allocation of 20,000 acre-feet. Ventura and Casitas do not plan to take direct delivery of their respective Table A water. The Ventura Water Agreement allows SGPWA to purchase water from Ventura and Casitas through its contractual arrangement. Of the 20,000 acre-feet total Table A allocation, the agreement allows for SGPWA to receive up to 10,000 acre-feet in addition to the existing 17,300 acre-feet Table A allocation for SGPWA.

7.2.6 Water Transfers and Exchanges

SGPWA also engages in water transfers and exchanges involving its SWP assets and other contractors' SWP water assets. Historically, SGPWA has both received and delivered water through these transfers and exchanges with various agencies throughout California. These transfers are essentially spot market transfers where short-term opportunities are identified and then actions taken for acquisition. These transfers help support management of SGPWA's and the retail agencies' water supply portfolios. Future SGPWA transfers and exchanges depend upon the allocations available to SGPWA and other water purveyors. As noted in Section 7.2.1., SGPWA has regularly acquired Yuba Accord water through its transfer and exchange activities. In addition, the State Water Contractors collectively develop annual water transfer and exchange programs to develop transferable supplies and negotiate transfer terms. SGPWA regularly participates in SWC's transfer programs. SGPWA seeks to augment potential opportunities for exchanges and transfers with SWP contractors and alternative transfer opportunities like the SWC

annual transfer program. Table 7-13 shows the planned future SWP and other water transfer opportunities that could be available for SGPWA.

Table 7-13 SGPWA Future Transfers and Exchanges (AFY)

Target Supply	2025	2030	2035	2040	2045
State Water Project	500	1,000	1,000	1,000	1,000
Additional Supplies	600	1,100	1,600	2,100	2,600
Total Transfers	1,100	2,100	2,600	3,100	3,600

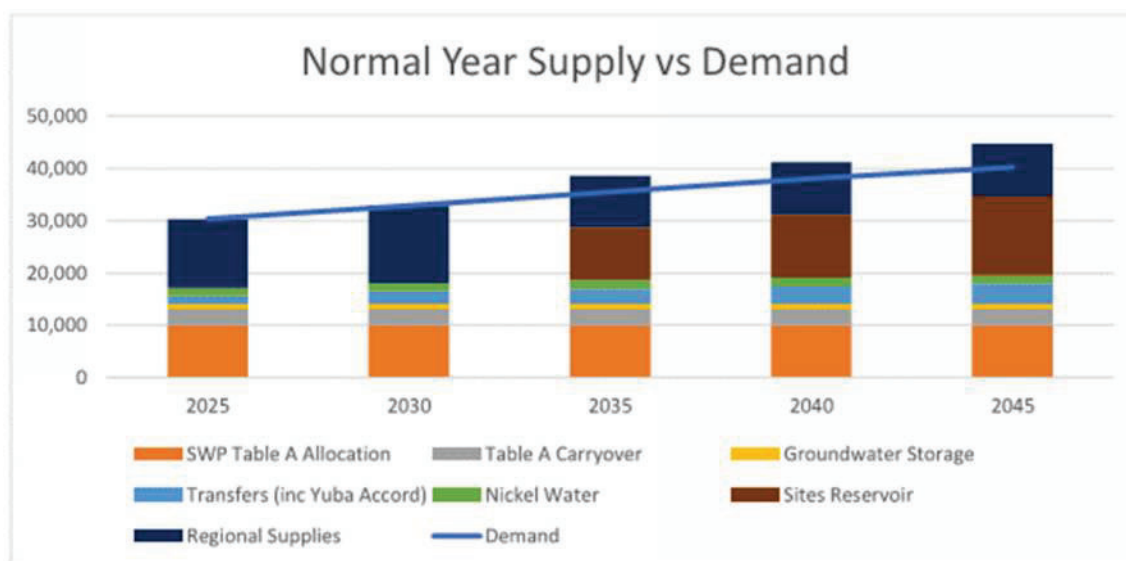
Notes:

1. Taken from Table 3-13 in the 2020 SGPWA UWMP.

7.3. Summary of Available Imported Water Supplies

As shown in Figure 6, SGPWA has reliable water supplies through the 2045 planning horizon. SGPWA has assessed the available SWP supplies, imported supplies, and locally available managed water supplies to assess regional water supply reliability through this planning horizon. In addition, SGPWA engages in annual water transfers and exchanges and stores water both within SGPWA’s service area boundaries and outside its boundaries to address variable water conditions. Together, these supplies make up SGPWA’s regional water asset portfolio that is actively managed by coordinated actions between SGPWA and the regional retail agencies to ensure long-term reliability.

Figure 6: SGPWA’s Water Service Reliability through 2045 (AFY)

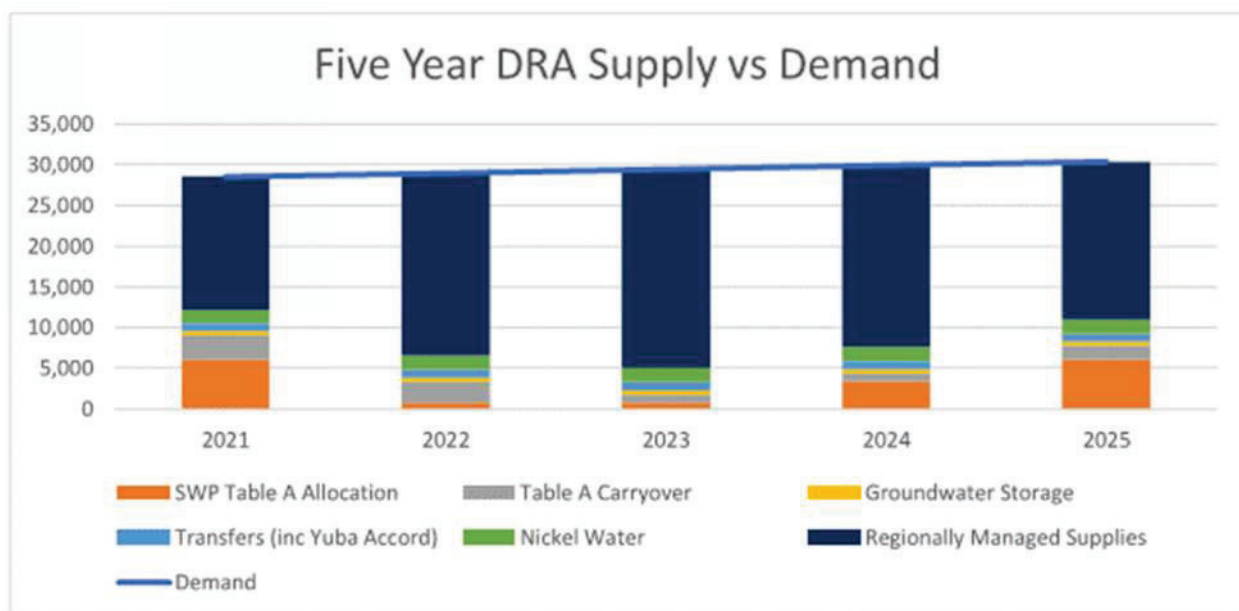


Notes

1. Taken from Figure ES-2 from the 2020 SGPWA UWMP.

SGPWA also coordinates management of its water supplies with the retail agencies to address projected dry conditions. Specifically, SGPWA and the retail agencies capture and store surplus imported water in normal and wet years in order to use the stored water assets to meet regional demands in dry years. Moreover, the retail agencies rely upon locally managed water supplies, including native groundwater, recycled supplies, surface water assets, and return flows, to meet their annual demands. These actions stabilize annual fluctuations in recurring imported supplies that may not meet regional demands under certain dry conditions. Figure 7 shows a water reliability assessment for a drought lasting five consecutive years where the retail agencies in SGPWA service area use stored water and regionally managed supplies to offset fluctuations in its SWP supplies. In summary, SGPWA’s diverse surface water supply portfolio, combined with its coordinated management of regionally managed surface and groundwater resources with retail purveyors, provide stable and reliable water supplies to meet SGPWA’s current and 2045 future water demands in its service area.

Figure 7: SGPWA’s Drought Risk Assessment from 2021 through 2025 (AFY)



Notes

1. Taken from Figure ES-3 from the 2020 SGPWA UWMP.

8. Water Supply and Demand for BCVWD

Section 6.1.3 presented the water demand and water supply requirements, including imported water, under average hydrologic conditions for BCVWD. Section 7 quantified the imported water demands on the SGPWA from BCVWD and the other member agencies of the SGPWA. As presented in Section 7, SGPWA will have enough, or has made commitments for or taken steps

to acquire, imported water supply to meet its needs to year 2045 and beyond. Since BCVWD's demands and imported water requirements are included in SGPWA's demands, including imported water, it can be concluded that BCVWD has sufficient supply and imported water to meet demands beyond 2045 under average demand and supply conditions.

It should be pointed out that 28.6% of the Sites Reservoir Project yield, (4,000 AFY/14,000 AFY) shown in Figure 7 above, is committed to BCVWD by virtue of BCVWD's financial commitment to the Sites Reservoir Project Phase 1 and Phase 2 - 2019. Figure 8 shows BCVWD's demand is less than the available supply. Figure 8 is based on the data in Table 6-16. Figure 9 shows the accumulated volume in BCVWD's Beaumont Basin groundwater storage account. By 2045, the storage account is significantly full (58,700 AF in storage). Figure 9 has been updated to account for the loss of storage due to the drought from 2020 – 2022. Table 6-16 indicates that BCVWD's imported water demand will be 10,440 AFY in 2045; this means that BCVWD is projected to have 7.1 years of imported water demand in storage which can be used to supply water during drought periods even if no SPW is available.

Figure 8: BCVWD's Water Supply and Demand Projection to 2045

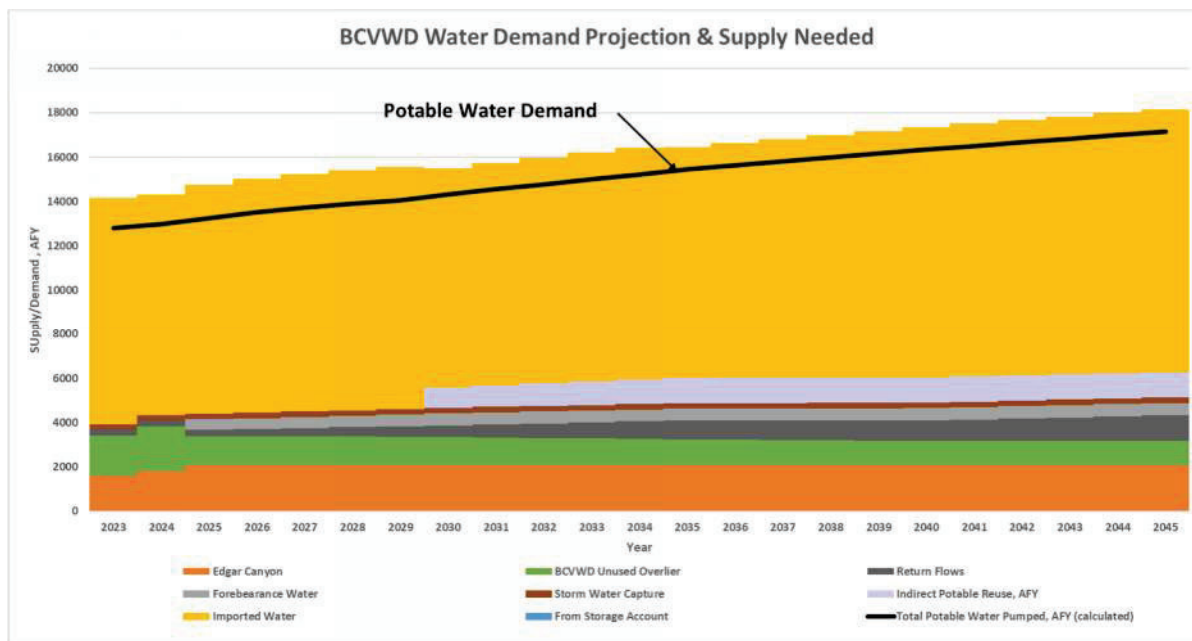
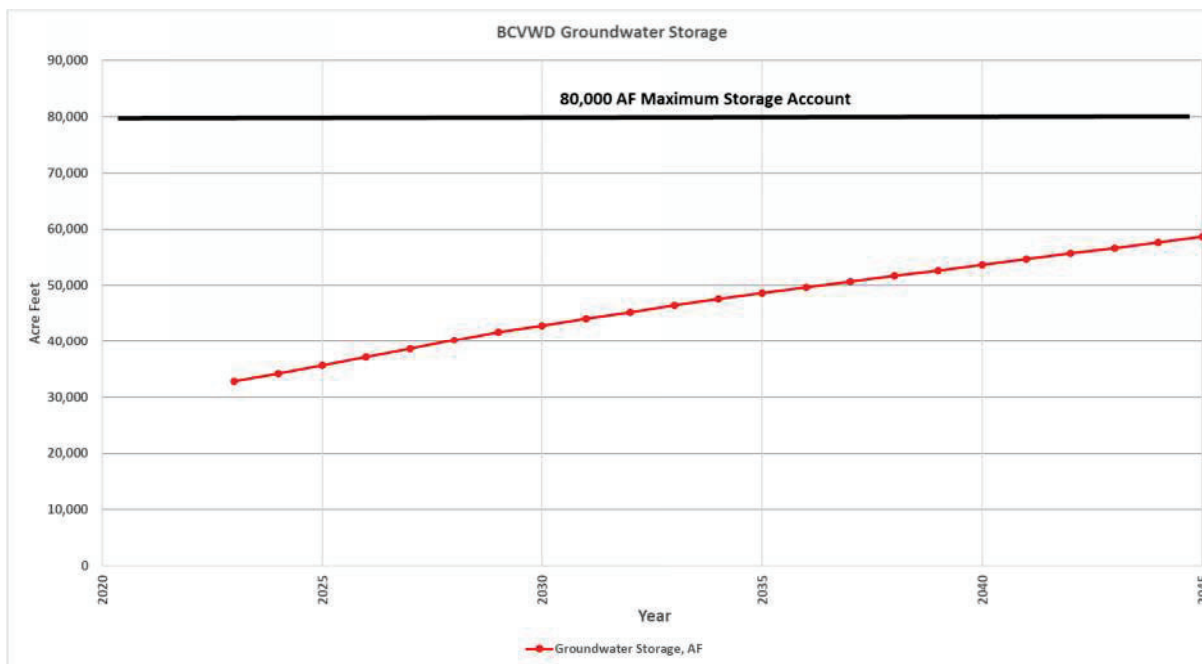


Figure 9: BCVWD’s Groundwater Storage Balance to 2045



9. Water Supply Single and Multiple Dry Period Analysis

9.1. Constraints on Water Sources

A detailed description of BCVWD’s current and future water sources are described previously in Section 6 of this WSA. Table 9-1, below shows a summary of BCVWD’s current and future water sources and identifies the factors that affect the specific source’s consistency of supply. Climate affects the amount of water available from most of the sources; there are some legal constraints on the Beaumont Groundwater Basin Source due to the Adjudication and contractual and environmental constraints on the imported State Project Water.

Table 9-1: Factors Resulting in Inconsistency of Supply

Water Supply Source	Cause of Inconsistent Supply				Additional Information
	Legal	Environmental	Water Quality	Climate	
Edgar Canyon Groundwater				X	
Beaumont Basin Groundwater Appropriator Rights	X				(1)
Beaumont Basin Groundwater Unused Overlier Rights	X			X	(2)
Imported State Project Water	X	X		X	(3)
Recycled Water				X	(4)
Stormwater Capture and Percolation				X	
Urban Runoff Capture and Percolation				X	
Nitrate-contaminated Groundwater from mouth of Edgar Canyon				X	

(1) After 2014, the Appropriator production rights are zero per Adjudication

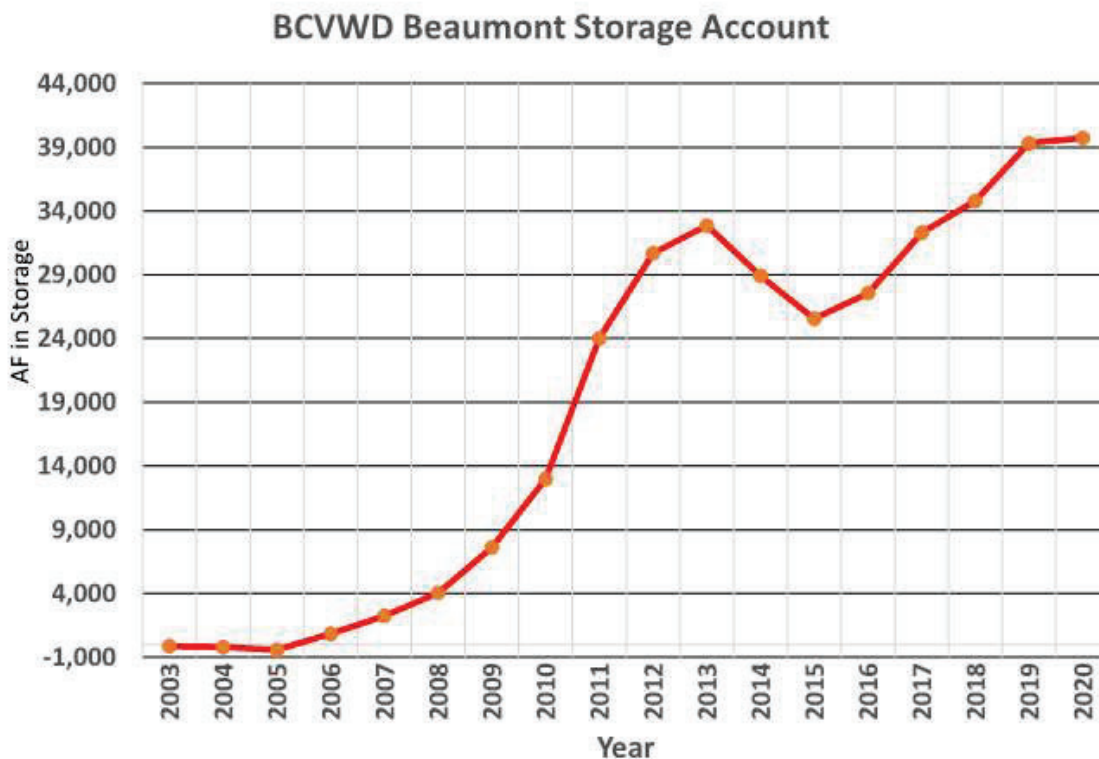
(2) Reallocation of Overlier pumping rights are variable. Estimated to drop to 200 AFY by 2045.

(3) SWP reliability discussed in text. 10% of Table A is available 100% of the time; adjusted per draft allocation agreement.

(4) Recycled water is not subject to any significant variations; but some drought period reductions in flow are experienced – maybe 10%. Domestic water restrictions typically have the greatest impact on outdoor water use.

The District relies on groundwater banking within the Beaumont Basin during wet periods to supply demands during specified dry periods. Complementing the large storage capacity is the fact that percolation and recharge occur at relatively high rates making it very easy to “bank” water in the Beaumont Basin. Figure 10 below shows the amount of water BCVWD has accumulated in its storage account since 2003. Please note that imported water began to be recharged in 2006.

Figure 10 – BCVWD’s Beaumont Basin Storage Amount



Notes

1. Taken from Figure 7-1 in the BCVWD 2020 UWMP

With the ability to bank water and the large “underground” reservoir, BCVWD and its neighboring agencies can withstand extended periods of drought without severe restrictions. At the end of 2020, for example, BCVWD had 39,750 AF in storage. This amount in BCVWD’s storage account has seen an increase of about 14,182 AF since 2015. BCVWD can store up to 80,000 AF in the Beaumont Basin managed by the Watermaster.

In Table 9-2 below (Table 6-24 in the 2020 BCVWD UWMP) a quantity of BCVWD-purchased imported water was identified as “From SGPWA for Banking.” This varied from 1,000 AFY to 1,500 AFY and is over and above the amount of imported water needed to meet demands. The purpose of this “banking water” is to build up BCVWD’s Beaumont Basin Groundwater Storage Account to be used as reserve for drought periods when adequate SPW is not available.

SGPWA is to supply the imported water requested in Table 9-2 below to meet BCVWD’s needs plus the anticipated SPW for banking. If, in any year(s), either of these quantities cannot be supplied for any reason, the accumulated shortfall is expected to be delivered to BCVWD by SGPWA as soon as possible once imported water is available. In this way, BCVWD will be able to keep adequate water in storage for current (2020) needs and accommodate growth in BCVWD’s service area. BCVWD anticipates banking around 28,500 AF of water over the next 25

years, which would bring BCVWD's storage account to about 68,250 AF. This is over 3 years of SPW requirements to meet 2045 demands with no SPW for over 3.5 years. The following subsections quantify the variability in BCVWD's water sources.

Table 9-2: BCVWD Water Supplies – Projected

Water Supply		Projected Water Supply * Report To the Extent Practicable									
		2025		2030		2035		2040		2045 (opt)	
Additional Detail on Water Supply		Reasonably Available Volume	Total Right of Safe Yield (optional)	Reasonably Available Volume	Total Right of Safe Yield (optional)	Reasonably Available Volume	Total Right of Safe Yield (optional)	Reasonably Available Volume	Total Right of Safe Yield (optional)	Reasonably Available Volume	Total Right of Safe Yield (optional)
Drop down list May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool											
Add additional rows as needed											
Groundwater (not desalinated)	Little San Geronio Canyon	2,070	2,200	2,070	2,200	2,070	2,200	2,070	2,200	2,070	2,200
Groundwater (not desalinated)	Beaumont Basin (Reallocated unused overlier rights)	1,322		1,286		1,165		1,099		1,099	
Groundwater (not desalinated)	Beaumont Basin total forbearance water	471		547		1,387		1,542		1,542	
Groundwater (not desalinated)	Return flows	280		514		868		922		1,155	
Stormwater Use	Beaumont MDP Line 16	185		185		185		185		185	
Stormwater Use	Misc. Stormwater	0		350		350		350		350	
Purchased or Imported Water	From SGPWA for Replenishment of Beaumont Basin (Potable water)	8,868		9,300		9,966		10,717		11,281	
Recycled Water	From City of Beaumont for Landscaping	2,017		2,381		2,892		2,955		2,915	
Purchased or Imported Water	To supplement Non-Potable Water Supply (Purchased for Replenishment)	276		246		0		0		0	
Groundwater (not desalinated)	Non-Potable Groundwater at Mouth of Edgar Canyon	0		0		300		300		300	
Groundwater (not desalinated)	Non-Potable Groundwater along San Timoteo Creek	0		0		600		600		600	
Purchased or Imported Water	From SGPWA for Banking	1,500		1,200		1,000		1,000		1,000	
Purchased or Imported Water	Additional Imported Water Available from SGPWA	1,572		396		2,389		2,994		3,769	
Total		18,561	2,200	18,475	2,200	23,172	2,200	24,734	2,200	26,266	2,200
Total Imported Water Available to BCVWD from SGPWA (See Table 7-8)		10,644		10,746		10,966		11,717		12,281	
Total Imported Water Required		12,216		11,142		13,355		14,711		16,050	

*Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.

NOTES:

9.2. Regional Supply Reliability

BCVWD has a very diverse water portfolio that allows it to maintain a reliable water supply to its current and future customers. The existing sources include:

- Unadjudicated groundwater from the Little San Gorgonio Creek (Edgar Canyon)
- Adjudicated groundwater from the Beaumont Basin
- Stormwater capture in Edgar Canyon (Little San Gorgonio Creek) and recharge in percolation ponds in Upper and Middle Canyon and at the Canyon mount in recently added desilting and recharge basins.
- Non-potable groundwater supplying the existing non-potable water system
- Imported State Project Water from SGPWA
- AVEK-Nickel Water leased through SGPWA
- Yuba Accord water purchased through SGPWA

Potential Future Sources include the following and were described in Section 6.1.3.2 in this WSA Addendum.

- Recycled water from the City of Beaumont for landscape irrigation and with advanced treatment for indirect potable reuse (groundwater recharge).
- Improved recharge of captured urban runoff from Sundance development
- Non-potable groundwater from the mouth of Edgar Canyon
- Non-potable groundwater from San Timoteo Creek
- Stormwater capture and recharge via the MDP Line 16 Storm Drain (cost shared with RCFC&WCD, SAWPA grant and preparing for construction)
- Stormwater capture from Noble and Marshall Creek
- Additional urban runoff capture and recharge from developing areas

BCVWD's water management strategy since its formation has always been to maximize local water resources including local groundwater and capture and percolate surface flows in Little San Gorgonio Creek for subsequent extraction in the District's Edgar Canyon wells. With the development that occurred starting about year 2000, BCVWD began installation of a non-potable water system with the intent of using recycled water from the City of Beaumont. Currently (2020), the water demand in the non-potable system is about 12% of the total water demand. This demand is being partially met by non-potable groundwater. When recycled water becomes available, the District's non-potable demand will be primarily met with recycled water. Any additional non-potable demands will be met with non-potable groundwater.

As discussed above, BCVWD has an 80,000 AF storage account in the Beaumont Basin to purchase and store imported water when available in ample supply during wet years. In addition to SGPWA's Table A amount, there are two other sources of imported water over and that are available and are discussed within Section 7 above:

- Article 21 Water
- Turn-Back Pool Water

9.3. Water Service Reliability Assessment

The amount of water available during the dry periods from BCVWD's water sources are presented below.

9.3.1 Groundwater

9.3.1.1 *Beaumont Basin*

The Beaumont Basin is managed by the Beaumont Basin Watermaster. In any given year, BCVWD can pump out its stored (banked) water. The storage is replenished, at least partially, every year by forbearance water, reallocated unused Overlying Party pumping rights, return flows, and imported water, when available. The amount of imported water that can be recharged in any year depends on DWR's SWP allocation and varies from year to year. The amount of unused Overlying Party rights is based on a 5-year moving average and could decrease slightly during drought periods as the Overlying Parties use more well water to compensate for the lack of rainfall. The forbearance water and return flows will also decrease during dry periods as users reduce water consumption.

Table 9-3 below (Table 7-2 in the BCVWD 2020 UWMP) shows the estimated amount of water credited to BCVWD by Watermaster for a single or multiple dry year analysis. For the dry year analysis, it was estimated that there would be a 15% conservation effect; in other words, for dry year analysis, only 85% of average annual forbearance, reallocated Overlying Party rights, etc. would be available. In Table 9-3, the 15% reduction factor is also applied to the recycled forbearance water to account for a potential reduction in treated wastewater due to water conservation effects. This is believed to be conservative.

Return flow credits, included in Table 9-3 below, were not applied with a 15% reduction factor as return flows are dependent upon the conservation factors in effect during the year for which credits are given.

Table 9-3 Summary of BCVWD’s Beaumont Basin Storage Credits^{1,2}

Item	2025	2030	2035	2040	2045
Total Return Flow Credits, Reallocated Unused Overlier Rights, and Forbearance Water from Table 6-10, AFY	2,073	2,346	2,820	2,963	3,196
Expected Ground Water Available for Dry Year Analysis, AFY	1,804	2,065	2,483	2,583	2,816

Note

1. Taken from Table 7-2 in the BCVWD 2020 UWMP.
2. Reference Table 6-10 included in the table above should reference to Table 7-8 in the 2020 BCVWD UWMP.

Edgar Canyon

Groundwater from Edgar Canyon is affected to some degree by climate change. The average annual extraction from Edgar Canyon is 2,073 AFY based on records from 1983-2020. During that period of time, the minimum extracted was 1,117 AFY, which occurred in 1991. This can be considered the “Single Dry Year Water Available.” The 2-year, 3-year, 4-year, 5-year and 6-year moving averages for the extractions from 1983 -20 were determined and are presented in Table 9-4 (Table 7-3 in the BCVWD 2020 UWMP) along with the Base Period for moving averages.

Table 9-4 Groundwater Available from Edgar Canyon for Single and Multiple Dry Year Analysis

Drought Condition (Base Years)	Average Available over the Drought Period, AFY
Single Dry Year (1991)	1,117
2 Consecutive Dry Years (1990 – 91)	1,173
3 Consecutive Dry Years (1989 – 91)	1,230
4 Consecutive Dry Years (1989 – 92)	1,267
5 Consecutive Dry Years (1988 – 92)	1,305
6 Consecutive Dry Years (1987 – 92)	1,367

Note

1. Taken from Table 7-3 in the BCVWD 2020 UWMP.

9.3.2 Imported Water

The amount of imported water available from the SGPWA via the State Water Project is very climate dependent. A spreadsheet was developed using the 2019 DWR Delivery Capability Report simulation data (1922 to 2003) for SGPWA to develop an estimate of the delivery capability for the single dry year and multiple dry year reliability analysis. The 2-, 3-, 4-, 5-, and 6-year moving averages of annual estimated delivery allocations were determined for the period 1922-2003. A summary of the Table A delivery percentages is shown in Table 9-5 (Table 7-4 in the BCVWD 2020 UWMP).

Table 9-5 SGPWA SWP Delivery Capability as Percent of Table A

Year	Long-term Average		Single Dry Year (1977)		Dry Periods							
					2-Year Drought (1976-1977)		4-Year Drought (1931-1934)		6-Year Drought (1987-1992)		6-Year Drought (1929-1934)	
2017 Report	2,571	62%	336	8%	1,206	29%	1,397	34%	1,203	29%	1,408	34%
2019 Report	2,414	58%	288	7%	1,311	32%	1,228	30%	1,058	26%	1,158	28%

Note

1. Taken from Table 7-4 in the BCVWD 2020 UWMP.

The percentages in Table 9-3 were compared to actual SWP delivery allocations for the period 1922 to 2020. The allocations found in BCVWD’s analysis of available data are indicated below:

Minimum year	5% (2015, 2020)
Minimum 2 consecutive years	12.5% (2014 - 2015)
Minimum 3 consecutive years	18% (1990 – 1992)
Minimum 4 consecutive years	26% (1988 – 1991)
Minimum 5 consecutive years	24% (1988 – 1992)
Minimum 6 consecutive years	25% (1987 – 1992)

As can be seen, the actual minimum single dry year and minimum 2 consecutive dry years are less than those from the 2019 DWR SWP Delivery Capability Report. For the reliability analysis in this 2020 UWMP and this WSA, the allocation percentages in Table 9-6 (Table 7-5 in the BCVWD 2020 UWMP) will be used.

Table 9-6 SGPWA SWP Delivery Capability as Percent of Table A (Used for Reliability Analysis)

Dry Year(s)	Single	2-Year	3-Year	4-Year	5-Year	6-Year
Table A Annual Delivery Average Over the Drought Period, %	5	12.5	18	26	24	25

Note

1. Taken from Table 7-5 in the BCVWD 2020 UWMP.

For the reliability analysis, the percentages in Table 9-6 will be applied to BCVWD’s estimated available imported water supplies for any particular dry year period. The results of the reliability analysis are presented in Tables 9-11 through 9-16.

By Resolution 2015-05, the SGPWA Board of Directors established an obligation to meet the future water supply needs of the region, including BCVWD. BCVWD can rely on the SGPWA to secure and deliver the imported water needed to meet BCVWD’s current and future demands as set forth in this 2020 UWMP and subsequent UWMP updates in concert with DWR’s Delivery Capability Reports.

9.3.3 Recycled Water

Recycled water is planned to be consistently available; although during droughts, consumers are more aware of water conservation and reduce their indoor water consumption. They are more aware of the need to do only full loads of laundry, full loads for the dishwasher etc. Agencies, including the City of Beaumont, have observed a reduction in wastewater flows during the current drought.

BCVWD is counting on one source of recycled water, the City of Beaumont. For a single dry year, an estimate of 90% of the normal, average recycled water will be available. As the drought becomes more pervasive, the amount of recycled water is estimated to reduce further to 85% of normal. Table 9-7 provides an estimate of the available recycled water during extended dry periods. The amount of recycled water under normal conditions is shown in the updated Section 6 above.

Table 9-7 Estimated Recycled Water Available During Extended Dry Periods

		Year				
		2025	2030	2035	2040	2045
City of Beaumont Recycled Water Available (AFY)	% Available	2017	2381	2892	2955	2915
Single Dry Year	90%	1820	2150	2610	2660	2630
2-Years	85%	1720	2030	2460	2520	2480
3-Years	85%	1720	2030	2460	2520	2480
4-Years	85%	1720	2030	2460	2520	2480
5-Years	85%	1720	2030	2460	2520	2480
6-Years	85%	1720	2030	2460	2520	2480

Notes:

1. Taken from Table 7-6 in the BCVWD 2020 UWMP.
2. The District is currently in the process of finalizing its Non-Potable Water Master Plan, which includes more current non-potable system facility requirements and recycled water supply projections. The non-potable/recycled water supply data provided in this WSA addendum are consistent with the District's 2020 UWMP. The non-potable/recycled water supply projections are considered draft as of the date of approval of this Addendum 1. Data from the BCVWD 2020 UWMP is used for consistency.

9.3.4 Storm Water and Urban Runoff Reliability (Potential Projects).

Storm water and Urban Runoff quantities are very dependent on rainfall. Review of the rainfall record at Beaumont for the period 1888 – 2006 resulted in the data shown in Table 9-8 (Table 7-7 in the BCVWD 2020 UWMP). To determine the multiple dry year rainfall as a percent of the

average rainfall, the 2-, 3-, 4-, 5- and 6-year moving averages of the annual rainfall was determined.

Table 9-8 Estimated Storm Water Available During Extended Dry Periods

Dry Year (s)	Normal	Single	2 - Year	3 - Year	4 - Year	5 - Year	6 - Year
% of Annual Average		36%	45%	52%	52%	61%	63%
Facility	Estimated Average Annual Stormwater Capture, AFY						
MDP Line 16	185	66	83	96	96	113	117
Misc. Urban Runoff Basins	350	126	158	182	182	213	222
Total Stormwater Capture	535	192	241	279	278	325	339

Notes:

1. Taken from Table 7-7 in the BCVWD 2020 UWMP.

9.4. Drought Risk Assessment

A conservative approach was taken when considering the amount of imported supply BCVWD could expect in future conditions. BCVWD has included in its anticipated imported water supplies from the anticipated Table A Allocation available (using percentages described previously in Table 9-6), as well as additional potential sources of imported water identified in SGPWA’s 2020 UWMP (June 2021). In any given year, when the demand for imported water exceeds the available supply, it is reasonable to assume that the imported water will be allocated by SGPWA in proportion to each member agency’s fraction of the total imported water demand without banking. A summary of the expected allocation percentages for each agency is indicated in Table 9-9, below. Percentages as indicated were determined based on a series of White Papers (White Papers No. 1 through 7) that evaluated water supply and demand for the major retailers in the SGPWA service area.

Table 9-9 Member Agency’s Percent of Available Imported Water When Demand Exceed Supply

Agency	Year				
	2025	2030	2035	2040	2045
City of Banning	0.0%	0.0%	0.0%	5.6%	5.6%
YVWD/Calimesa	7.0%	7.3%	7.9%	8.1%	8.5%
BCVWD	78.5%	71.6%	66.3%	58.4%	52.3%
Other Member Agencies	14.5%	21.1%	25.8%	27.9%	33.6%
Total	100%	100%	100%	100%	100%

Notes:

1. Taken from Table 7-9 in the BCVWD 2020 UWMP.

In the future, other SGPWA water retailers will require greater supplies of imported water to meet growing demands. As a result, the allocation percentages described above will continue to change. BCVWD expects to update these percentages after the adoption of the 2020 UWMP updates for the other member agencies in the SGPWA service area.

For the Single Dry Year, potable and non-potable water demands in Table 9-11 (Table 7-11 in the BCVWD 2020 UWMP) did not reflect any conservation. For 2 consecutive dry years through 6 consecutive dry years, demand reductions for potable and non-potable water were included. The estimated demand reductions (as percent) that could be seen during various multiple dry years are indicated below in Tables 9-12 through 9-16 (Tables 7-12 through 7-16 in the BCVWD 2020 UWMP).

Table 9-10 Estimated Demand Reductions During Various Dry Year Periods

Dry Year Analysis Period	Demand Reductions
Single Dry Year	0%
2 Consecutive Dry Years	10%
3 Consecutive Dry Years	20%
4 Consecutive Dry Years	25%
5 Consecutive Dry Years	30%
6 Consecutive Dry Years	40%

Notes:

1. Taken from Table 7-10 in the BCVWD 2020 UWMP.

This is a reasonable assumption since there would be adequate time to implement the potential water use restrictions identified in Section 10 for a dry period lasting longer than a single year.

Tables 9-11 through 9-16 present the water service reliability assessment for single through 6 consecutive dry years. Due to this Project's demands having not been accounted for in the BCVWD 2020 Urban Water Management Plan, the demands in Tables 9-11 – 9-16 below have been increased to include the demands of the proposed Project (14201 California Avenue) and reflect that there is adequate water supply.

Table 9-11 Water Service Reliability Assessment for Single Dry Year

	YEAR				
	2025	2030	2035	2040	2045
DEMAND					
Potable Water Demand, AFY	13,224	14,280	15,419	16,313	17,110
Supplemental Water to Non-Potable System, AFY	276	246	228	278	328
Non-Potable Water Demand, AFY	1,992	2,210	2,513	2,596	2,613
Total Water Demand, AFY	15,492	16,736	18,160	19,187	20,051
LOCAL SUPPLY					
Groundwater					
Edgar Canyon, AFY	1,117	1,117	1,117	1,117	1,117
Beaumont Basin Groundwater Available					
Overlier Potable Forebearance, AFY	-	67	264	384	384
Overlier Non-Potable Forebearance, AFY	471	480	523	558	558
Reallocation of Unused Overlier Rights, AFY	1,322	1,286	1,165	1,099	1,099
Return Flow Credits, AFY	280	514	868	922	1,155
Storm Water, AFY	66	192	192	192	192
Recycled Water Available, AFY	1,820	2,150	2,610	2,660	2,630
Subtotal Local Supply, AFY	5,076	5,805	6,739	6,932	7,135
BCVWD's Share of Imported Supply					
Table A Allocation (5%), AFY	679	619	573	505	452
Yuba Accord, AFY	16	14	13	12	10
AVEK Nickel, AFY	1,335	1,217	1,127	993	889
Ventura, AFY	393	358	332	292	-
SGPWA Carryover Water, AFY	204	186	172	152	136
Sites Reservoir, AFY	-	-	286	571	1,143
Additional SWP Transfers/Exchanges, AFY	39	36	33	29	26
Subtotal Imported Supply, AFY	2,665	2,431	2,537	2,554	2,657
Total Supply, AFY	7,742	8,236	9,276	9,487	9,792
From Banked Beaumont Basin Storage, AF	7,750	8,500	8,884	9,700	10,258

Notes:

1. Modified Table 7-11 from the BCVWD 2020 UWMP to include Ventura Water.
2. The demands in the above table have been updated to include the demands for the 14201 California Ave. Project.

Table 9-12 Water Service Reliability Assessment for 2 Consecutive Dry Years

	YEAR				
	2025	2030	2035	2040	2045
DEMAND					
Potable Water Demand, AFY	13,224	14,280	15,419	16,313	17,110
Supplemental Water to Non-Potable System, AFY	276	246	228	278	328
Non-Potable Water Demand, AFY	1,992	2,210	2,513	2,596	2,613
Total Water Demand, AFY	15,492	16,736	18,160	19,187	20,051
Total Water Demand (10% Demand Reduction), AFY	13,943	15,062	16,344	17,268	18,046
LOCAL SUPPLY					
Groundwater					
Edgar Canyon, AFY	1,173	1,173	1,173	1,173	1,173
Beaumont Basin Available, AFY					
Overlier Potable Forebearance, AFY	-	60	237	346	346
Overlier Non-Potable Forebearance, AFY	424	432	471	502	502
Reallocation of Unused Overlier Rights, AFY	1,190	1,157	1,049	989	989
Return Flow Credits, AFY	280	514	868	922	1,155
Storm Water, AFY	241	241	241	241	241
Recycled Water, AFY	1,720	2,030	2,460	2,520	2,480
Subtotal Local Supply , AFY	5,028	5,607	6,499	6,693	6,886
BCVWD's Share of Imported Supply					
Table A Allocation (12.5%), AFY	1,698	1,548	1,434	1,263	1,131
Yuba Accord, AFY	39	36	33	29	26
AVEK Nickel, AFY	1,335	1,217	1,127	993	889
Ventura, AFY	981	895	829	730	-
SGPWA Carryover Water, AFY	510	465	431	380	340
Sites Reservoir, AFY	-	-	286	571	1,143
Additional SWP Transfers/Exchanges, AFY	98	90	83	73	65
Subtotal Imported Supply, AFY	4,661	4,251	4,222	4,039	3,594
Total Supply, AFY	9,689	9,858	10,721	10,732	10,481
From Banked Beaumont Basin Storage, AF	4,254	5,204	5,623	6,536	7,565
Total Withdrawn from Storage during Dry Period, AF	8,507	10,408	11,245	13,072	15,130

Notes:

1. Modified Table 7-12 from the BCVWD 2020 UWMP to include Ventura Water.
2. The demands in the above table have been updated to include the demands for the 14201 California Ave. Project.

Table 9-13 Water Service Reliability Assessment for 3 Consecutive Dry Years

	YEAR				
	2025	2030	2035	2040	2045
DEMAND					
Potable Water Demand, AFY	13,224	14,280	15,419	16,313	17,110
Supplemental Water to Non-Potable System, AFY	276	246	228	278	328
Non-Potable Water Demand, AFY	1,992	2,210	2,513	2,596	2,613
Total Water Demand, AFY	15,492	16,736	18,160	19,187	20,051
Total Water Demand (20% Demand Reduction), AFY	12,393	13,389	14,528	15,349	16,041
LOCAL SUPPLY					
Groundwater					
Edgar Canyon, AFY	1,230	1,230	1,230	1,230	1,230
Beaumont Basin Available, AFY					
Overlier Potable Forebearance, AFY	-	54	211	308	308
Overlier Non-Potable Forebearance, AFY	377	384	418	446	446
Reallocation of Unused Overlier Rights, AFY	1,058	1,028	932	880	880
Return Flow Credits, AFY	280	514	868	922	1,155
Storm Water, AFY	241	241	241	241	241
Recycled Water, AFY	1,720	2,030	2,460	2,520	2,480
Subtotal Local Supply , AFY	4,906	5,481	6,361	6,546	6,739
BCVWD's Share of Imported Supply					
Table A Allocation (18%), AFY	2,444	2,230	2,065	1,819	1,629
Yuba Accord, AFY	57	52	48	42	38
AVEK Nickel, AFY	1,335	1,217	1,127	993	889
Ventura, AFY	1,413	1,289	1,193	1,051	-
SGPWA Carryover Water, AFY	735	670	621	547	490
Sites Reservoir, AFY	-	-	286	571	1,143
Additional SWP Transfers/Exchanges, AFY	141	129	119	105	94
Subtotal Imported Supply, AFY	6,125	5,586	5,458	5,128	4,282
Total Supply, AFY	11,030	11,067	11,819	11,674	11,021
From Banked Beaumont Basin Storage, AF	1,363	2,321	2,709	3,676	5,020
Total Withdrawn from Storage during Dry Period, AF	4,089	6,964	8,126	11,027	15,059

Notes:

1. Modified Table 7-13 from the BCVWD 2020 UWMP to include Ventura Water.
2. The demands in the above table have been updated to include the demands for the 14201 California Ave. Project.

Table 9-14 Water Service Reliability Assessment for 4 Consecutive Dry Years

	YEAR				
	2025	2030	2035	2040	2045
DEMAND					
Potable Water Demand, AFY	13,224	14,280	15,419	16,313	17,110
Supplemental Water to Non-Potable System, AFY	276	246	228	278	328
Non-Potable Water Demand, AFY	1,992	2,210	2,513	2,596	2,613
Total Water Demand, AFY	15,492	16,736	18,160	19,187	20,051
Total Water Demand (25% Demand Reduction), AFY	11,619	12,552	13,620	14,390	15,038
LOCAL SUPPLY					
Groundwater					
Edgar Canyon, AFY	1,267	1,267	1,267	1,267	1,267
Beaumont Basin Available, AFY					
Overlier Potable Forebearance, AFY	-	50	198	288	288
Overlier Non-Potable Forebearance, AFY	353	360	392	418	418
Reallocation of Unused Overlier Rights, AFY	992	964	874	825	825
Return Flow Credits, AFY	280	514	868	922	1,155
Storm Water, AFY	241	241	241	241	241
Recycled Water, AFY	1,720	2,030	2,460	2,520	2,480
Subtotal Local Supply , AFY	4,853	5,426	6,300	6,481	6,674
BCVWD's Share of Imported Supply					
Table A Allocation (26%), AFY	3,531	3,221	2,982	2,627	2,352
Yuba Accord, AFY	82	74	69	61	54
AVEK Nickel, AFY	1,335	1,217	1,127	993	889
Ventura, AFY	2,041	1,862	1,724	1,518	-
SGPWA Carryover Water, AFY	1,061	968	896	790	707
Sites Reservoir, AFY	-	-	286	571	1,143
Additional SWP Transfers/Exchanges, AFY	204	186	172	152	136
Subtotal Imported Supply, AFY	8,253	7,528	7,256	6,712	5,282
Total Supply, AFY	13,107	12,954	13,557	13,193	11,956
From Banked Beaumont Basin Storage, AF	(1,488)	(402)	63	1,197	3,082
Total Withdrawn from Storage during Dry Period, AF	(5,951)	(1,610)	253	4,790	12,329

Notes:

1. Modified Table 7-14 from the BCVWD 2020 UWMP to include Ventura Water.
2. The demands in the above table have been updated to include the demands for the 14201 California Ave. Project.

Table 9-15 Water Service Reliability Assessment for 5 Consecutive Dry Years

	YEAR				
	2025	2030	2035	2040	2045
DEMAND					
Potable Water Demand, AFY	13,224	14,280	15,419	16,313	17,110
Supplemental Water to Non-Potable System, AFY	276	246	228	278	328
Non-Potable Water Demand, AFY	1,992	2,210	2,513	2,596	2,613
Total Water Demand, AFY	15,492	16,736	18,160	19,187	20,051
Total Water Demand (30% Demand Reduction), AFY	10,844	11,715	12,712	13,431	14,036
LOCAL SUPPLY					
Groundwater					
Edgar Canyon, AFY	1,305	1,305	1,305	1,305	1,305
Beaumont Basin Available, AFY					
Overlier Potable Forebearance, AFY	-	47	185	269	269
Overlier Non-Potable Forebearance, AFY	330	336	366	390	390
Reallocation of Unused Overlier Rights, AFY	926	900	816	770	770
Return Flow Credits, AFY	280	514	868	922	1,155
Storm Water, AFY	241	241	241	241	241
Recycled Water, AFY	1,720	2,030	2,460	2,520	2,480
Subtotal Local Supply , AFY	4,801	5,373	6,241	6,417	6,610
BCVWD's Share of Imported Supply					
Table A Allocation (24%), AFY	3,259	2,973	2,753	2,425	2,171
Yuba Accord, AFY	75	69	64	56	50
AVEK Nickel, AFY	1,335	1,217	1,127	993	889
Ventura, AFY	1,884	1,718	1,591	1,402	-
SGPWA Carryover Water, AFY	980	894	827	729	653
Sites Reservoir, AFY	-	-	286	571	1,143
Additional SWP Transfers/Exchanges, AFY	188	172	159	140	126
Subtotal Imported Supply, AFY	7,721	7,043	6,807	6,316	5,032
Total Supply, AFY	12,523	12,415	13,048	12,733	11,642
From Banked Beaumont Basin Storage, AF	(1,678)	(700)	(336)	698	2,394
Total Withdrawn from Storage during Dry Period, AF	(8,392)	(3,501)	(1,678)	3,491	11,968

Notes:

1. Modified Table 7-15 from the BCVWD 2020 UWMP to include Ventura Water.
2. The demands in the above table have been updated to include the demands for the 14201 California Ave. Project.

Table 9-16 Water Service Reliability Assessment for 6 Consecutive Dry Years

	YEAR				
	2025	2030	2035	2040	2045
DEMAND					
Potable Water Demand, AFY	13,224	14,280	15,419	16,313	17,110
Supplemental Water to Non-Potable System, AFY	276	246	228	278	328
Non-Potable Water Demand, AFY	1,992	2,210	2,513	2,596	2,613
Total Water Demand, AFY	15,492	16,736	18,160	19,187	20,051
Total Water Demand (40% Demand Reduction), AFY	9,295	10,042	10,896	11,512	12,031
LOCAL SUPPLY					
Groundwater					
Edgar Canyon, AFY	1,367	1,367	1,367	1,367	1,367
Beaumont Basin Available, AFY					
Overlier Potable Forebearance, AFY	-	40	158	231	231
Overlier Non-Potable Forebearance, AFY	283	288	314	335	335
Reallocation of Unused Overlier Rights, AFY	793	771	699	660	660
Return Flow Credits, AFY	280	514	868	922	1,155
Storm Water, AFY	241	241	241	241	241
Recycled Water, AFY	1,720	2,030	2,460	2,520	2,480
Subtotal Local Supply , AFY	4,684	5,251	6,107	6,275	6,468
BCVWD's Share of Imported Supply					
Table A Allocation (25%), AFY	3,395	3,097	2,867	2,526	2,262
Yuba Accord, AFY	79	72	66	58	52
AVEK Nickel, AFY	1,335	1,217	1,127	993	889
Ventura, AFY	1,963	1,790	1,658	1,460	-
SGPWA Carryover Water, AFY	1,021	931	862	759	680
Sites Reservoir, AFY	-	-	286	571	1,143
Additional SWP Transfers/Exchanges, AFY	196	179	166	146	131
Subtotal Imported Supply, AFY	7,987	7,285	7,032	6,514	5,157
Total Supply, AFY	12,671	12,537	13,139	12,789	11,625
From Banked Beaumont Basin Storage, AF	(3,376)	(2,495)	(2,243)	(1,276)	406
Total Withdrawn from Storage during Dry Period, AF	(20,258)	(14,972)	(13,459)	(7,658)	2,434

Notes:

1. Modified Table 7-16 from the BCVWD 2020 UWMP to include Ventura Water.
2. The demands in the above table have been updated to include the demands for the 14201 California Ave. Project.

In all of the assessments, water must be extracted from BCVWD's Beaumont Basin Storage Account. Tables 9-11 through 9-16 clearly indicate the importance of maintaining substantial amounts of water in the storage account. The total amount required to be withdrawn from banked

storage will increase if conservation measures and restrictions described in Section 10 cannot be achieved. If no conservation occurs (worst case, conservative), BCVWD will need to maintain about 12,000 AF in its storage account to meet the demands during a 5 consecutive year dry period.

A summary of the available supplies expected during a 5-year drought, beginning in 2020 are summarized in Table 9-17 (Table 7-17 in the BCVWD 2020 UWMP) below. The results of the Drought Risk Assessment above assume that the demand reductions and conservation measures described in Section 12 (Section 8 in the BCVWD 2020 UWMP) are achieved.

Table 9-17 5-Year Drought Risk Assessment

	YEAR				
	2021	2022	2023	2024	2025
DEMAND					
Potable Water Demand, AFY	12,412	12,604	12,787	12,980	13,500
Non-Potable Water Demand, AFY	1,642	1,664	1,686	1,731	1,992
Total Water Demand, AFY	14,054	14,268	14,473	14,711	15,492
Demand Reduction (%)	0%	10%	20%	25%	30%
Total Water Demand (Including Reductions), AFY	14,054	12,841	11,578	11,033	10,844
LOCAL SUPPLY					
Groundwater					
Edgar Canyon, AFY	1,117	1,173	1,232	1,267	1,305
Beaumont Basin Available, AFY					
Overlier Potable Forebearance, AFY	-	-	-	-	-
Overlier Non-Potable Forebearance, AFY	-	-	-	-	330
Reallocation of Unused Overlier Rights, AFY	2,025	1,826	1,827	2,017	926
Return Flow Credits, AFY	235	246	258	269	280
Storm Water, AFY	-	185	185	185	241
Recycled Water, AFY		1,520	1,580	1,650	1,720
Subtotal Local Supply , AFY	3,377	4,950	5,082	5,388	4,802
BCVWD's Share of Imported Supply					
Table A Allocation (%), AFY	5%	12.5%	18%	26%	24%
Table A Allocation , AFY	679	1,698	2,444	3,531	3,259
Yuba Accord, AFY	16	39	57	82	75
AVEK Nickel, AFY	1,335	1,335	1,335	1,335	1,335
Ventura, AFY	393	981	1,413	2,041	1,884
SGPWA Carryover Water, AFY	204	510	735	1,061	980
Sites Reservoir, AFY	-	-	-	-	-
Additional SWP Transfers/Exchanges, AFY	39	98	141	204	188
Subtotal Imported Supply, AFY	2,665	4,661	6,125	8,253	7,721
Total Supply, AFY	6,042	9,611	11,207	13,641	12,523
From Banked Beaumont Basin Storage, AF	8,012	3,230	372	(2,608)	(1,679)
Total Withdrawn from Storage during Dry Period, AF	8,012	11,242	11,614	9,006	7,327

Notes:

1. Modified Table 7-17 from the BCVWD 2020 UWMP to include Ventura Water.
2. The demands in the above table have been updated to include the demands for the 14201 California Ave. Project.

10. Water Shortage Contingency Plan

As a companion to the BCVWD 2020 UWMP and required by the State, the District prepared and approved the BCVWD 2020 Water Shortage Contingency Plan (WSCP) as a strategic planning process to prepare for and respond to water shortages. As part of this new requirement, BCVWD will assess each year's water supplies to determine if there was a water volume shortage for that year. Based on the water shortage, the District may implement one of the six water conservation levels (shown in Table 10-1 below), as defined in the District's WSCP, to encourage or require water conservation among its service area. The 14201 California Avenue Development will be subject to these water conservation levels as dictated by BCVWD.

Table 10-1 Water Shortage Contingency Levels

DWR Table 8-1 Water Shortage Contingency Plan Levels		
Shortage Level	Percent Shortage Range	Shortage Response Actions (Narrative description)
1	Up to 10%	Up to 10% reduction in normal, "long term" water supply (including conjunctive use water in storage); response actions includes voluntary public demand reduction of 10%, and community outreach encouraging conservation.
2	Up to 20%	Up to 20% reduction in normal, "long term" water supply (including conjunctive use water in storage); includes any actions from Shortage Level 1. Response actions include mandatory 10% reduction - Increased public outreach, restaurants serve water upon request, lodging must offer opt out of linen services
3	Up to 30%	Up to 30% reduction in normal, "long term" water supply (including conjunctive use water in storage); response actions includes any actions from Shortage Levels 1 and 2. Response actions include mandatory 20% reduction - limit landscape irrigation to certain number of days per week
4	Up to 40%	Up to 40% reduction in normal, "long term" water supply (including conjunctive use water in storage); response actions includes any actions from Shortage Levels 1, 2 and 3. Response actions include mandatory 25% reduction - limit irrigation of lawns to once a week except for lawns and turf irrigate with recycled water, restrict water use for decorative water features, limit filling of pools only to cases where appropriate cover is in place
5	Up to 50%	Up to 50% reduction in normal, "long term" water supply (including conjunctive use water in storage); response actions includes any actions from Shortage Levels 1 - 4. Response actions include mandatory 30% reduction - prohibit filling of swimming pools, washing of automobiles only limited to facilities using recycled water, prohibit potable water use for construction activities, industrial water users required to reduce water use (food processing, concrete mixing plant)
6	>50%	Greater than 50% reduction in normal, "long term" water supply (including conjunctive use water in storage); response actions includes any actions from Shortage Levels 1 - 5. Response actions include mandatory 30% reduction - prohibit landscape irrigation except for irrigation with use of recycled water, industrial water users required to further reduce water use (food processing, concrete mixing plant)
NOTES:		

Notes:

1. Taken from Table 8-1 in the BCVWD 2020 UWMP.

11. Conclusion

1. The projected water demand from the 14201 California Avenue Development project is 56,099 gpd (63 AFY) of which 31,323 gpd (35 AFY) is outdoor, non-potable water use. This equates to approximately 0.5% of the District existing water demand for 2025.
2. The 14201 California Avenue development project was **not** included in the list of planned development projects in BCVWD's 2020 UWMP. To clarify, when the District was preparing the basis for future water demands within the District's service area in the BCVWD's 2020 UWMP, the District utilized the potable water demands from various projects within the District's Sphere of Influence. Because the project was not identified at the time of the District's Urban Water Management Plan, there would be an increase in projected water demands.
3. BCVWD prepared a series of White Papers which analyzed the regional (SGPWA) imported water supply requirements and funding requirements. These White Papers are referenced within this WSA. The basis for the White Papers was a regional spreadsheet demand model, developed by BCVWD, which was reviewed by the City of Banning and YVWD.
4. The White Papers indicate that SGPWA can obtain sufficient imported water supply to supplement local supplies to meet regional needs including BCVWD's needs. The White Papers also indicated that adequate funding is available to implement the imported water projects currently planned for the short and long terms.
5. As reflected in Tables 9-11 – 9-17, Ventura Water adds an additional 10,000 acre-feet of available Table A water to the available supplies. These additional available water supplies ensure the District has the capabilities to provide adequate water supply until the construction of the Sites Reservoir project.
6. BCVWD prepared and adopted a Potable Water Master Plan which identified water needs and facility needs to build-out. The BCVWD 2020 UWMP identified recycled water from the City of Beaumont for non-potable water irrigation with a plan for the recharge of surplus recycled water with appropriate treatment and permits. The City and BCVWD signed a Memorandum of Understanding (MOU) in 2019 which began the process of an agreement for purchase of recycled water by BCVWD. In addition, storm water capture and other local water resource projects were identified. One of these projects, MDP-Line 16, (Grand

Avenue Storm Drain) was recently constructed by the Riverside County Flood and Water Conservation District and BCVWD. The storm drain will be partially funded through a grant from the Santa Ana Watershed Project Authority.

7. SGPWA and BCVWD have made financial commitments to the Sites Reservoir project Phase 1 studies and will commit funds to Phase 2.
8. Adequate water supply exists, or is planned, for the 14201 California Avenue development project to 2045 and beyond as outlined in Section 9. BCVWD can meet the Project needs as well as BCVWD's existing demands and the demands of the other planned developments within BCVWD's service area which are listed in the 14201 California Avenue WSA.
9. Multiple dry-year reliability analysis demonstrates that BCVWD will be able to meet its existing demands and the demands of the other planned developments within its service area which were listed in the 14201 California Avenue WSA. BCVWD will supplement its existing supply sources during these dry periods with banked water in BCVWD's Beaumont Basin Groundwater Storage Account, and implement its Water Shortage Contingency Plan, when appropriate.
10. Pursuant to §10910 of the California Water Code (SB 610) and information provided in the 14201 California Avenue WSA, BCVWD has determined that currently available and planned supplies are sufficient to meet the water demands of the proposed 14201 California Avenue project in addition to the existing and other planned project demands during normal, single dry and multiple dry years over the next 20 years, as outlined in Sections 6 through 9 in this WSA.
11. Pursuant to the California Government Code Section 66473.7, (SB 221) BCVWD has determined that it has sufficient and adequate water supply available to serve the long-term needs of the 14201 California Avenue development in addition to the existing and other planned project demands during normal, single dry and multiple dry years over the next 20 years, as outlined in Sections 6 through 9.

12. References

2020 Urban Water Management Plan, Beaumont Cherry Valley Water District, adopted by Board of Directors, August 26, 2021

Potable Water Master Plan, Beaumont Cherry Valley Water District, adopted by Board of Directors, January 13, 2016.

White Paper No 1, Discussion of the Analysis of State Project Water (SPW) Requirements for SGPWA and BCVWD, prepared by BCVWD, September 6, 2017.

White Paper No 2, Role of Groundwater Storage and Banking in Meeting State Project Water (SPW) Requirements for SGPWA and BCVWD, prepared by BCVWD, November 15, 2017.

White Paper No 3, Water Supply Portfolio Unit Costs, prepared by BCVWD, December 20, 2017.

White Paper No 3, Water Supply Portfolio Unit Costs, prepared by BCVWD, December 20, 2017.

White Paper No 4, Water Supply Portfolio Funding Requirements, prepared by BCVWD, December 20, 2017.

White Paper No 5, Funding Strategies, prepared by BCVWD, January 2, 2018.

White Paper No 6 (Rev. 4), Updated San Gorgonio Pass Regional Water Supply Planning Spreadsheet, prepared by BCVWD, May 16, 2018.

White Paper No 7 (Draft), Funding Strategies for New and Existing Regional Water Supplies, Sites Reservoir and Other Sources, prepared by BCVWD, August 15, 2018.

Appendix F, San Gorgonio Pass Water Agency 2020 UWMP

Sites Project Authority, Sites Reservoir Project Description and Assumptions of with- Project Conditions for Years 2030 and 2070, plus with and without-Project current conditions, Appendix A1 to Application, August 9, 2017

Sites Project Authority, Attachment D, Water Operations Review, response to California Water Commission Comments on Application, February 23, 2018.

Sites Project Authority, Modeling Results Compendium, Appendix A6.D. to Application, August 9, 2017

Sites Project Authority, Sites Project to Receive \$816 million in State Funding, press release, July 24, 2018.

San Gorgonio Pass Water Agency, Update of Sites Reservoir, presentation to Board of Directors, July 9, 2018

Consideration of the San Gorgonio Pass Water Agency's April 6, 2017 Sites Reservoir Cost Sharing Draft Agreement and Associated Transmittal Letter dates April 6, 2017, prepared by Eric Fraser (BCVWD) to BCVWD Board of Directors, May 9, 2017.

Beaumont-Cherry Valley Water District
Water Supply Assessment for 14201 California Avenue Specific

San Gorgonio Pass Water Agency, 2015 Urban Water Management Plan, prepared by Kennedy/Jenks Consultants, adopted by Board of Directors, March 20, 2017.

SGPWA General Manager to Board of Directors, Surplus Water Sale Agreement with San Bernardino Valley MWD ("Valley District") October 16, 2017. Approved by SGPWA Board of Directors per Regular Board Meeting Minutes, October 16, 2017.

SGPWA General Manager to Board of Directors, Consideration and possible action to enter into a Water Supply Agreement with the Antelope Valley-East Kern Water Agency, June 19, 2017

San Gorgonio Integrated Regional Water Management Plan, prepared by the Regional Water Management Group of the San Gorgonio Integrated Regional Water Management Region, May 2, 2018, Revised August 1, 2018

Yucaipa Valley Water District, Water Supply Assessment and Written Verification of Supply for the Mesa Verde Development, Calimesa, CA, August 15, 2017.

Summer wind Ranch at Oak Valley, Specific Plan Area No. 1, Amendment No. 1, City of Calimesa, January 21, 2005

City of Banning Water Supply Assessment for Butterfield Specific Plan, prepared by RBF Consulting and Brownstein|Hyatt|Farber|Schreck, issued June 2011 with Draft EIR, Modified December 2011 by Section 4.1 of the Final EIR.

City Banning Water Supply Assessment, Rancho San Gorgonio Specific Plan, prepared by Madole & Associates and Encompass Associates for Rancho San Gorgonio, LLC, September 30, 2015.

Beaumont Basin Watermaster, 2018 Consolidated Annual Report and Engineering Report (Draft), prepared by Alvarado Smith, Legal Counsel; Alda, Inc. in association with Thomas Harder & Company, Engineering; and Rogers, Anderson, Malody, and Scott, LLP, Financial Auditors, February, 2019.

U.S. Fish and Wildlife Service, Karen Goebel letter to M. Jones, SWRCB, Informational Consultation for Beaumont Cherry Valley Water District Recycled Water System (State Revolving Fund (SRF) Loan No. C-06-5157-110), Riverside County, California, February 29, 2008.

California Regional Water Quality Control Board, Santa Ana Region, Waste Discharge Requirements and Master Reclamation Permit for the City of Beaumont Wastewater

Treatment Plant, Riverside County, Order No. R8-2015-0026, NPDES No. CA 0105376, July 24, 2015.

ROX Consulting Group, The 14201 California Avenue Specific Plan, prepared for the City of Beaumont for Owner/Developer The Preserve, LLC, January 2006.

Sites Program Management Team, Sites Project Value Planning Alternatives Appraisal Report, April 2020

Paul Rogers, Bay Area News Group, Massive Northern California Reservoir Project Scaled Back to Reduce Costs, May 12, 2020.

RWQCB, Waste Discharge Requirements and Master Reclamation Permit for the City of Beaumont, Beaumont Wastewater Treatment Plant, Riverside County, Order No. R8-2015-0026, NPDES No. CA0105376, July 24, 2015.

Sonoma County Water Coalition v. Sonoma County Water Agency (2010) 189 Cal. App. 4th 33, 39, taken from SGPWA 2015 UWMP.

San Timoteo Watershed Management Authority vs. City of Banning et al, Superior Court of the State of California, for the County of Riverside, Riverside Court, Stipulation for Entry of Judgement Adjudicating Groundwater Rights in the Beaumont Basin, RIC 389197, February 4, 2004

Pass Area Land Use Plan, October 7, 2003, Part of Riverside County General Plan.

The Pass Area Plan, County of Riverside General Plan Amendment 960, Draft March 2014.

DWR, State Water Project Delivery Reliability Report 2011. State of California Dept. of Water Resources, June 2012.

DWR, Agreement for the Supply and Conveyance of Water by the Department of Water Resources for the state of California to the Participating State Water Contractors under the Dry Year Water Purchase Program, March 31, 2008.

NAIOP Research Foundation, Logistics Trends and Specific Industries that Will Drive Warehouse and Distribution Growth and Demand for Space, L. Nicolas Ronderos, Director, Urban Development Programs Regional Plan Association, March 2010

Appendix “A”

2020 BCVWD Urban Water Management Plan

Appendix “B”
Site Plan (Full Size)

Appendix “C”
ROW Landscape Exhibit

Appendix “D”
2020 SGPWA Urban Water Management Plan



BEAUMONT-CHERRY VALLEY WATER DISTRICT GENERAL MANAGER’S REPORT

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

TABLE A - REPORT HIGHLIGHTS	REPORT PAGE #
Communications and Public Outreach	2
Water Production	4
2024 Goals update	5

FINANCE AND ADMINISTRATION

Operating Budget

The Finance team has continued its efforts to ensure transparency and fiscal responsibility in the budget preparation process. Detailed budget numbers were presented line-by-line to the Finance and Audit Committee for thorough review as well as the first draft of the comprehensive budget document, presented to the Committee for their feedback. Due to inflation, which has significantly impacted materials, services, and personnel expenses, staff has observed a declining Net Increase (Net Revenues less Net Expenses) over time. Even with these changes though, the budget is balanced.

Cost of Service Study

The Board of Directors previously approved Water Resources Economics, LLC (WRE) to conduct a Cost of Service Study, to assess the District’s current and future fiscal responsibilities over the next five years. The Study incorporates input from all departments and aligns with the guiding objectives set by the Board. Due to several unfunded mandates that will impact the District in the near future, WRE has been authorized to split the results of the Study into two parts, with the first ensuring that all the known expenses and commitments that impact the District are addressed. WRE has been diligently refining their financial analysis to ensure a thorough and accurate assessment and plan to present their findings and recommendations to the Board in December.

CUSTOMER SERVICE

Customer Assistance

Customer Service staff has assisted 89 customers with payments plans in 2024. Payment plans offer those with large or past due bills to maintain service while still fulfilling their payment obligations. The District has collected \$56,428.05, or 68.56%, of the \$82,303.15 in payment plans in the current year.

Communications and Public Outreach

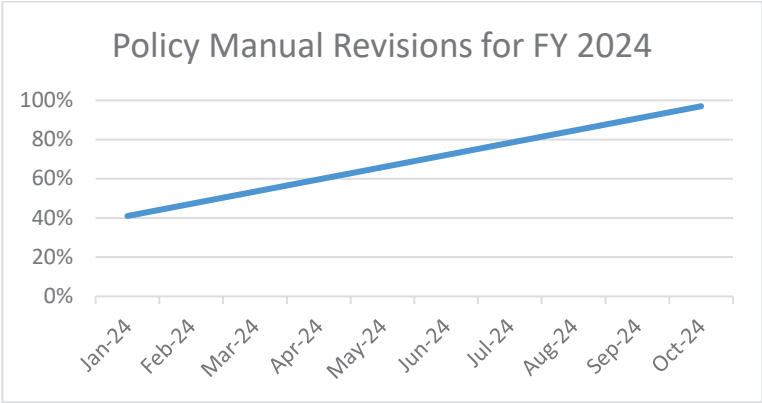
The last interviews for the District’s introduction video have been successfully completed, and we are now awaiting the draft version from the District’s public outreach consultant, CV Strategies. In addition to contracted efforts, staff has taken significant steps to enhance the District’s independent public outreach initiatives. Social media updates are now being handled entirely in-house, with staff completing 100 percent of the recent content updates. The team has also prepared their first draft of a press release, which is pending final review. Additionally, staff represented the District at a local high school career fair, where their efforts were met with enthusiasm. Students were highly engaged, and the District has since received two additional invitations to participate in career fairs scheduled for January and March 2025. These efforts reflect the District’s commitment to strengthening its presence and fostering community engagement.

HUMAN RESOURCES

Policies and Procedures

Throughout Fiscal Year (FY) 2024, Beaumont-Cherry Valley Water District’s Human Resources Department made substantial progress on updating District Policies and Procedures, reaching 97 percent completion from an initial 41 percent at the start of the year. This initiative reflects our commitment to aligning our practices with organizational values, enhancing our workplace culture, and adhering to evolving industry standards. The updates incorporate industry best practices and ensure full compliance with Federal and State labor laws, providing clear guidance on employee rights and responsibilities. These revisions create a foundation for greater operational efficiency and employee engagement as we move forward.

The HR team will continue to monitor and adapt policies to meet future needs, supporting a proactive and inclusive environment. This achievement positions the District to manage upcoming challenges effectively and underscores the dedication to serving both team and community.



Recruitment Success

In FY 2024, the District achieved key milestones in recruitment and retention, reducing the average time-to-fill to a record-breaking 17 days through the "Hiring Manager Partnership" program. Supported by faster onboarding and health screening, the District welcomed only eight new hires in the year 2024, with a strong focus on succession planning by elevating several staff into key positions. Additionally, the turnover rate improved to 14 percent compared to 33 percent in 2023, showing strong retention efforts. These successes underscore a commitment to a resilient workforce.

Employee Health and Safety Focus

The District prioritized health and safety in 2024, reducing the workers' compensation injury rate from 15.30 percent in FY 2023 to 4.37 percent this year. Ergonomics training was enhanced during onboarding and zero incidents of workplace violence were seen, creating a safe environment. Monthly inspections ensured field safety, achieving an overall compliance score of 88.12 percent. These efforts reflect the District's dedication to a safe, supportive workplace.

Training Compliance

In 2024, Beaumont-Cherry Valley Water District expanded its Learning and Development initiatives with key workshops in fire safety, snake handling, and CERT training. The Finance Team's Excel training and a 6-week Leadership Workshop empowered employees and leaders alike. Confidence in Leadership rose to 83 percent from last year's 81 percent in the Annual Engagement Survey. These programs highlight a commitment to a well-trained, confident workforce.

This report highlights the ongoing efforts to optimize personnel management, streamline recruitment processes, and prioritize employee well-being and safety.

TABLE B – HR Activity for FY 2024	
Total Employees at the Beginning of FY 2024	44
Total Current Employees (Excluding Board Members) as of October 30, 2024	46
Full-Time Employees as of October 30, 2024	44
Part-Time as of October 30, 2024	1
Temporary as of October 30, 2024	1
Interns as of October 30, 2024	0
Separations / Retirements Beginning of FY 2024 to Date	6
Separations as of October 30, 2024	1
Retired Employee(s) as of October 30, 2024	0
New Hires Beginning of FY 2024 to Date (Including Temps)	8
New Hires as of October 30, 2024	0
Recruitments in progress as of October 30, 2024	3
2023 Year End Turnover Rate (Temps Not Included)	32.96%
2024 Anticipated Year End Turnover Rate (Temps Not Included)	13.64%

ENGINEERING AND OPERATIONS

Well 1A and 2A redrill project: Mobilization of the well drilling equipment has started and drilling is expected to commence in the coming weeks. District staff and the City of Beaumont have identified a flushing option that appears to work for both parties and will not have an adverse effect on the ongoing construction of Stewart Park.

Noble Pipeline (Cherry Avenue & International Park): The District's contractor (MCC Equipment Rentals) has begun work on this project with District staff providing inspection and support activities. This project is funded by District Capital Expansion funds and an ARPA grant and is anticipated to be completed by late December.

"B" Line Upper Edgar Transmission Pipeline Project: The project consists of construction of approximately 3,000 LF of 12" ductile iron pipe which will replace an old 10" riveted steel pipeline within Edgar Canyon, below the Upper Edgar Storage Tank. A contract has been awarded and construction will start in the coming weeks. This project is funded by District Capital Replacement Reserve funds and ARPA grant.

Field Office Rehabilitation Project: Rehabilitation efforts at the 12th and Palm Field Office are complete and workstations are currently being moved back into the Field Office. Some of the repair activities included mold mitigation, performed by an external vendor and follow up mold testing. The external siding and trim were replaced, painted, and an additional weather barrier wrap was installed behind the panels to prevent future vulnerabilities and potential leaks. A second restroom was constructed along with complete rehabilitation of the existing restroom. Drywall and insulation were installed, textured and painted. Flooring was replaced and new furniture was installed.

Leaks repaired: September 2024: Twelve (12) main line leaks and two (2) service line leaks were addressed.

TABLE C – Groundwater Production

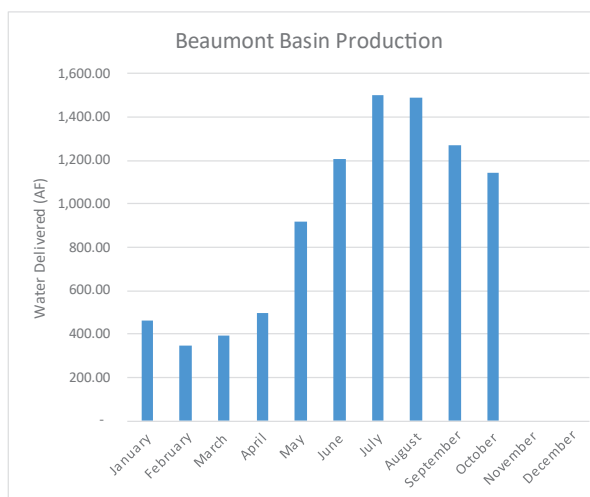


TABLE D – Groundwater Production

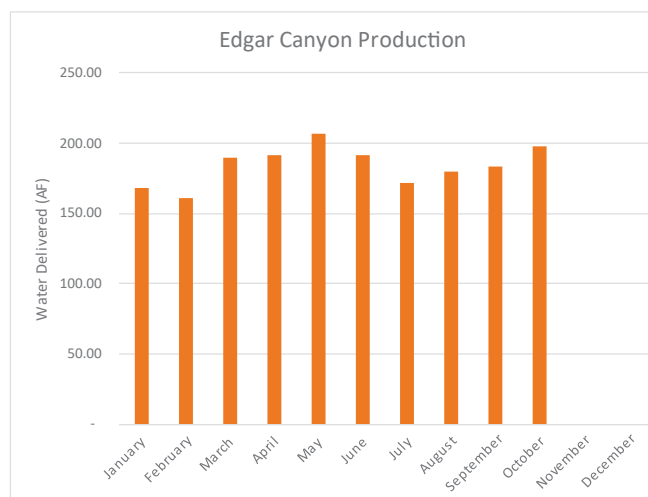


TABLE E – Total Monthly Imported Water Delivery

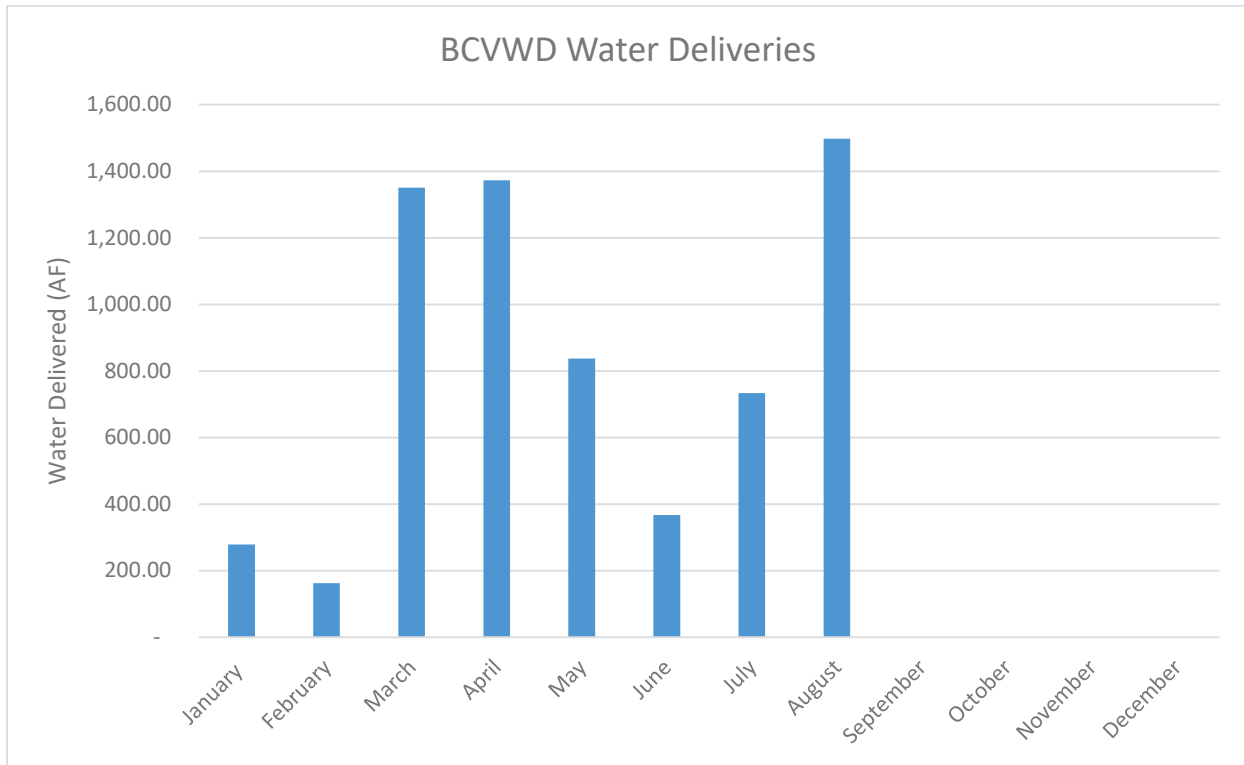


TABLE F – Goals for 2024

	Goal	Status
1	Improve customer communication and service	Accomplished Staff completed the final interviews for the District introduction video and are awaiting the draft from CV Strategies. Additionally, staff has increased independent public outreach efforts, managing 100% of social media updates, drafting a press release, and participating in a highly successful high school career fair that resulted in two additional invitations for 2025.
2	Adhere to State and Federal drinking water standards, focusing on regulatory water quality sampling	On target Samples taken so far in 2024 are in compliance with drinking water standards. Sampling will continue through 2024 and beyond.
3	Upgrade infrastructure	CIP Projects Accomplished or in progress in 2024: <ul style="list-style-type: none"> • Elm Avenue Replacement Pipeline • 5th Street & Michigan Replacement Pipeline • 3040 Pressure Zone Cherry Ave / International Park Road Transmission Pipeline (In Process) • 2022-2023 Service Replacements • Pennsylvania widening - facilities relocation • B Line Upper Edgar Transmission Pipeline (In Process)

4	Advance Capital Improvement Projects	<p>Accomplished. Advancements made on:</p> <ul style="list-style-type: none"> • Wells 1A and 2A replacement (In Process) • Replacement pipeline projects • Service Lateral replacements • Noble Tank No. 2 (In Process) • Potable Pressure Zone 2850 to 3040 Booster Station • Well Feasibility and Siting Study completed
5	Complete deployment of the AMR / AMI project	<p>Accomplished</p> <p>Final grant report submitted and accepted.</p>
6	Increase valve maintenance activities	<ul style="list-style-type: none"> • Nobel module launched to track and facilitate accurate valve maintenance activities • Staff begun exercising valves within the City of Beaumont and Cherry Valley (Ongoing)
7	Implement a GPS-enabled system for accurate mapping	<ul style="list-style-type: none"> • A GPS system has been implemented and launched for field use • Staff have begun GPS location of meters for historical records and for future mapping activities (Ongoing)

TABLE G - General Manager’s activity status

A - DISTRICT HAPPENINGS		
A1	<p>AMR / AMI Project</p> <p>SUPPORTS GOAL 4</p>	<p>This project is complete and grant funding reimbursements have been received. Operations and IT will continue to work on improvements to the system on an ongoing basis to extend the range of collector and repeater stations and for redundant coverage. These upgrades will undergo further testing as new collector and repeater facilities are brought online.</p>
A2	<p>Cost of Service Study (Water Resources Economics)</p>	<p>Staff has seen financial plan calculations from WRE, rate study consultant. Board will be informed at some point in the month of November or/and December.</p>
A3	<p>Capacity Charges Study (Raftelis)</p> <p>SUPPORTS GOAL 7</p>	<p>Staff identified that there is some remaining work to do in order to provide complete data to Raftelis. Staff has worked through the forecasted future water demands and analyzed the impacts from Making Conservation a Way of Life along with other items like Chromium 6 and Sites Reservoir. Now staff is checking and verifying costs of infrastructure needed to meet those demands.</p>
A4	<p>Operations Center</p> <p>SUPPORTS GOALS 1 AND 7</p>	<p>Staff continues to search for appropriate solutions based on Board direction. Purchase of a large lot is in progress for future development into needed operations space.</p>

A5	Well drilling 1A and 2A SUPPORTS GOALS 3 AND 7	Project is ongoing. Mobilization and drilling efforts are anticipated to begin by the end of November. See detail earlier in this report.
A6	Cherry Valley Boulevard Temporary Services SUPPORTS GOAL 1	The Board approved the CEQA Notice of Exemption at the 7/25/24 meeting and the LAFCO annexation process for each property is in motion. Staff is working on the draft LAFCO application packages, then scheduling meetings with the property owners in the next few weeks.
A7	Policies and Procedures Manual	<p>By the end of Fiscal Year 2024, the Policy Manual revisions reached 97% completion. Remaining updates are underway, focusing on compliance with 2025 labor law changes and finalizing IT and personnel-related policies. These last adjustments ensure the policy manual fully aligns with current regulations and District needs.</p> <p>Preliminary analysis and drafts are in process for Administrative Policies slated for possible update. These are not personnel-related so will come directly to the Board. A first draft of revision of the following polices (as requested by Director Williams) has been prepared and is being reviewed internally:</p> <p>Policy 4060 Training, Education and Conferences Policy 4065 Remuneration / Director per diem fees Part II Section 14 – Payment of Expenses Part II Section 15 – Expenditure Reimbursement Staff may recommend the 2025 Board President establish an ad hoc committee to review Manual Part II in entirety and make recommendations to the Board.</p>
A8	2024-2025 Informal Compensation Review	Human Resources, in collaboration with the Finance Department and the GM, is finalizing the internal compensation review as mandated by Article 39 of the 2022-2026 Memorandum of Understanding (MOU). The recommendations will be presented to the Personnel Committee as well as the full Board of Directors in conjunction with the FY 2025 Operating Budget.
B - LOCAL AGENCY HAPPENINGS		
B1	City of Beaumont – Cooperative Agreement (encroachment permit / paving) SUPPORTS GOALS 3 AND 7	The cooperative agreement has been executed and is now in effect. Staff continues to work with the City of Beaumont with positive interactions and in compliance with the executed agreement.
B2	City of Beaumont – Recycled Water Agreement SUPPORTS GOALS 1, 3, & 7	BCVWD received communication from the City’s consultant and progress is being made toward negotiation of key points in the long-awaited Recycled Water Agreement
B3	City of Beaumont Landscape Ordinance	Staff is working internally on revised language to further expand on the District’s position related to turf conversion and is formulating a letter to be

		disseminated to HOAs and/or homeowners who have homes that were constructed after a certain date which disallowed turf conversion.
B4	Beaumont Basin Watermaster (BBWM)	As required by the Judgment every 10 years, the Safe Yield redetermination report will be presented for final approval at the December 4 meeting. The safe yield for the period 2023 to 2032 is 7,100 acre-feet per year.
C - CALIFORNIA HAPPENINGS		
C1	SWRCB Chromium 6 MCL update SUPPORTS GOAL 2	<p>The Hexavalent Chromium Maximum Contaminant Level (MCL) of 10 ug/L became effective October 1, 2024. According to California Code of Regulations, title 22, section 64432, (a copy of the regulation is linked here: Final Regulation Text (ca.gov)) each community and nontransient-noncommunity water system must initiate monitoring within six months of the October 1, 2024, effective date.</p> <p>The State Water Resources Control Board Division of Drinking Water has accepted the initial monitoring District staff performed in May 2024 for compliance with the initial monitoring for analytical method 218.6 or 218.7. Two sources have tested above the MCL and have triggered quarterly sample monitoring of the source.</p> <p>General Manager Jagers met with the City of Banning to discuss a shared approach to addressing Chromium 6 compliance.</p>
C2	Zero Emission Trucks – Advanced Clean Fleet rules SUPPORTS GOAL 2	In October, the California Air Resources Board was confident that the state's plan to end the sale of gasoline powered vehicles by 2035 would be accepted by the Environmental Protection Agency. It will not be possible to enforce the mandates without a waiver from the EPA. Rules are expected to begin to take effect in 2026.
C3	AB 1668 and SB 606: Making Conservation a California Way of Life (MCaCWL)	<p>The State Water Board held two webinars offering guidance on the submittal of the Urban Water Use Objective Reporting Form, which is due to the SWB by January 1, 2025.</p> <p>District staff has updated the conservation portion of the website to include general information regarding MCaCWL and will continue to make updates as information is made available.</p>
C4	Sites Reservoir https://sitesproject.org/	The joint meeting of the Sites ad hoc Committee (SGPWA and BCVWD) has been scheduled for December 9.
C5	State Water Project (SWP)	A new Incidental Take Permit was issued for the SWP on 11/4/2024. Director of the Department of Water Resources Karla Nemeth said this will provide California with new tools and resources to better manage the water supply for fish species and millions of Californians.

C6	Delta Conveyance Project (DCP)	<p>From Maven’s Notebook:</p> <p>At the October meeting of Metropolitan Water District’s (MWD) One Water and Stewardship Committee meeting, staff began the first of a series of presentations on the <u>Delta Conveyance Project</u> to prepare for a vote in December, to consider approving more funds to support the continued planning of the project.</p> <p>DWR has indicated that approximately \$300 million of additional investment is needed from potential project participants to fund pre-construction efforts, such as the water rights hearing, Delta Plan consistency certification, geotechnical investigations, and advancement of preliminary design through 2027. By securing the last tranche of planning funding, DWR aims to complete the necessary permitting, preliminary design, and engineering work before potential participants make final decisions.</p> <p>If the DCP moves forward and bonds are issued to finance implementation, the planning costs paid by each participant will be reimbursed. Funding the continuation of planning and design does not commit MWD to participating in the Delta Conveyance Project; that vote is anticipated to occur in 2027.</p> <p>The first presentation, given at an October MWD meeting, focused on risks to water supply, and potential risk management actions, such as the DCP, that would improve the water supply reliability of the <u>State Water Project</u> and Metropolitan. See Maven’s full recap of the meeting and presentation here: https://mavensnotebook.com/2024/10/17/notebook-feature-metropolitan-committee-discusses-delta-conveyance-project-ahead-of-december-vote-on-funding-planning-costs/</p>
C7	State Water Resources Control Board (SWRCB)	<p>The SWRCB held a workshop on Nov. 6 to hear public comment on a draft Policy for Implementing the Drinking Water State Revolving Fund. This policy sets for the requirements to obtain SRF funding and complementary financing. With increased demand for funding, the SWRCB propose changes to better manage the credit evaluation process and to improve consistency between the DWSRF and Clean Water State Revolving Fund policies. To view the documentation, click here: https://www.waterboards.ca.gov/drinking_water/services/funding/SRF.html</p>
C8	Prop. 4: \$4 billion in bonds to fight climate change is passed by California voters on Nov. 5	<p>Proposition 4 passed with 57 percent of the vote and includes funding for groundwater storage, recycled water, desalination, and reservoirs; wildfire resilience, renewable energy and clean air programs and more. Forty percent of the funds are slated to be spent in disadvantaged communities.</p>

ATTACHMENTS

1. BCVWD Water Report – November 2024
2. LA Times: Invasive Mussels could harm California Delta ecosystem and add to water costs

ATTACHMENT 1

WATER CONNECTION SUMMARY				
	2021	2022	2023	2024
Jan				45
Feb				63
Mar				2
Apr				6
May				13
Jun				102
Jul				27
Aug				16
Sep				17
Oct				26
Nov				
Dec				
Annual Total	529	884	628	317
Avg / Mo.	44.1	73.7	52.3	79.3
Total connections (unaudited)	20,809	21,437	21,754	

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
Beaumont Basin Production	465.85	347.59	391.98	500.63	920.46	1,206.10	1,502.64	1,491.33	1,271.74	1,144.55	-	-	9,242.87
Edgar Canyon Production	168.10	160.96	189.98	191.48	206.46	191.79	172.25	180.32	183.78	197.60	-	-	1,842.72
Total Groundwater Production	633.95	508.55	581.96	692.11	1,126.92	1,397.89	1,674.89	1,671.65	1,455.52	1,342.15	-	-	11,085.59

Attachment 2



Bottled water bombshell

Hot spider summer

Entrenching coal

About that r

CLIMATE & ENVIRONMENT

Invasive mussels could harm California Delta ecosystem and add to water costs



The non-native freshwater bivalve *Limnoperna fortunei*, or golden mussel, was recently discovered in the Port of Stockton. (California Department of Water Resources)

By Ian James
Staff Writer

Nov. 6, 2024 3 AM PT

The recent discovery of a new type of invasive mussel in the Sacramento-San Joaquin River Delta is raising concerns that the non-native species could cause major ecological harm and inflict costly complications for the infrastructure California relies on to deliver water across the state.

State workers discovered golden mussels attached to equipment and buoys in the Port of Stockton last month while carrying out routine water quality tests. The mussels were also recently found in [O'Neill Forebay](#), part of the state's water delivery system south of the Delta near Santa Nella.

“Any invasive species in our Delta is problematic, and we’re going to do everything we can to control its spread,” said Steve Gonzalez, a spokesperson for the California Department of Fish and Wildlife.



CALIFORNIA

Invasive mussel found in North America for first time, posing immediate threat in California's Delta

Nov. 2, 2024

The department [announced the discovery](#) last week, saying it's the first time golden mussels have been [found in North America](#). Native to rivers and creeks in China and Southeast Asia, the bivalves have appeared in waterways elsewhere in Asia as well as South American countries, including Brazil, Argentina, Uruguay and Paraguay.

The species has colonized new regions when transported on ships' hulls or in ballast water that is drained in ports.

The mussels can compromise water delivery systems by encrusting screens and filters, attaching to the walls of large pipelines, and clogging smaller pipes.

The effects for the state’s water infrastructure could be similar to the complications that have been caused by an invasion of quagga mussels in the Colorado River’s reservoirs. Since their discovery in Lake Mead in 2007, those mussels have [spread throughout aqueducts and reservoirs](#) in Southern California.

After finding the golden mussels in O’Neill Forebay, state workers have begun surveys to determine the extent of the infestation in the State Water Project system, including the California Aqueduct, which transports water pumped from the Delta to cities and farmlands.

The increased monitoring and maintenance that will be required is expected to have an economic impact for the State Water Project, increasing water delivery costs, said Tanya Veldhuizen, manager of the Department of Water Resources’ Special Projects Section.

The estuary already has a long list of non-native species, including bass, water hyacinth, Asian clams and overbite clams. But golden mussels could be particularly problematic for water infrastructure and the Delta’s ecosystem if the species spreads and flourishes, said Andrew Rypel, a professor of fish ecology and director of UC Davis’ Center for Watershed Sciences.

“It’s a major threat,” Rypel said. “They’re very difficult to control once they’re established.”



CLIMATE & ENVIRONMENT

Amid controversy, California and the Biden administration are preparing new water plans

Oct. 26, 2024

Where the mussels attach and grow, they can create problems for all sorts of infrastructure, including docks and water intakes, requiring costly efforts to remove

them.

“It can create this major cost that simply has to be dealt with, just for you to effectively run your infrastructure,” Rypel said.

Where the mussels take root, Rypel said, there are different methods of removing them: mechanically scraping them off, treating them with chemicals, or treating them with a certain dead bacteria that kill them — a controversial method because of concerns about potential ecological effects.

If the mussels thrive in the Delta, they could dramatically alter the ecosystem, Rypel said. Their larvae [swim and spread out](#) in the water, colonizing solid surfaces and attaching themselves with fibers. The mollusks are efficient filter feeders and can increase the clarity of water by consuming large quantities of plankton, which native fish and other creatures depend on.

“It could completely change the ecosystem, in a worst-case scenario, completely clarify the water, leaving less food for salmon and native fish,” Rypel said. “That’s the ecological problem that people will be concerned about.”

The changes in the Great Lakes since the 1990s show how severely an ecosystem can be upended by an invasion of non-native mussels, Rypel said. There, [zebra mussels and quagga mussels have thrived](#) and caused a major decline in the [yellow perch fishery](#).

In California’s Delta, there are threatened and endangered fish species, including steelhead trout, two types of Chinook salmon, longfin smelt, Delta smelt and green sturgeon.

If the golden mussels take hold and dominate the ecosystem, Rypel said, that would mean less food resources for those native species. The non-native mussels also could

kill native mussels in the estuary.

“I think we want to do as much as we can to prevent that kind of a scenario, but it’s going to be a challenge,” Rypel said.



CLIMATE & ENVIRONMENT

Another California fish is added to the federal endangered species list

July 30, 2024

He said the serious threats call for an aggressive, coordinated effort to contain and remove the mussels, and to prevent them from spreading to new areas.

To contain the mussels as much as possible, state officials are urging Californians to be sure to clean, drain and dry all boats and equipment when removed from a water body. They say this strategy has helped prevent the further spread of quagga mussels and zebra mussels beyond the lakes and waterways those species have colonized.

The state Department of Water Resources has since 2007 had a program in place to monitor for the presence of zebra and quagga mussels at various locations in the Delta and throughout the State Water Project. The department has now expanded its monitoring to check for golden mussels, Veldhuizen said, and is also adopting other measures to protect pumping plants and reduce potential effects on water deliveries.

California State Parks officials have begun additional exit inspections of boats at O’Neill Forebay, San Luis Reservoir and Los Banos Creek Reservoir to ensure all water is drained from livewells, bilges and outboard motors to prevent the spread of the mussels.

“We’re asking the public to do the same thing that they do for quagga and zebra, and clean, drain and dry their watercraft and equipment every time they go to a different

water body in the state,” Gonzalez said. “It’s important for all of us to pitch in on this.”

More to Read

Decision to reduce water flows in California’s delta sparks debate over imperiled fish

Oct. 2, 2024



Some in this California beach town insist the Tijuana River is poisoning them. Officials disagree

Sept. 27, 2024



Rescued trout are ‘trapped’ in Upper Arroyo Seco. New study advocates removing barriers

July 31, 2024



Ian James

Ian James is a reporter who focuses on water in California and the West. Before joining the Los Angeles Times in 2021, he was an environment reporter at the Arizona Republic and the Desert Sun. He previously worked for the Associated Press as a correspondent in the Caribbean and as bureau chief in Venezuela. He is originally from California.