

**AGENDA
IRVINE RANCH WATER DISTRICT
BOARD OF DIRECTORS
REGULAR MEETING**

April 14, 2025

CALL TO ORDER 5:00 p.m.

PLEDGE OF ALLEGIANCE

ROLL CALL Directors Ferons, Withers, Swan, LaMar, and President Reinhart

PUBLIC COMMENT NOTICE

This meeting will be held in-person at the District's headquarters located at 15600 Sand Canyon Avenue, Irvine, California. The meeting will also be broadcasted via Webex for those wanting to observe the meeting virtually.

To observe this meeting virtually, please join online using the link and information below:

Via Web: <https://irwd.webex.com/irwd/j.php?MTID=mdf87c047fc4c39e59773d21f3c94b4d6>
Meeting Number (Access Code): 2488 589 3785
Meeting Password: NRmQaTMK328

PLEASE NOTE: Webex observers of the meeting will be placed into the Webex lobby when the Board enters closed session. Participants who remain in the "lobby" will automatically be returned to the open session of the Board once the closed session has concluded. Observers joining the meeting while the Board is in closed session will receive a notice that the meeting has been locked. They will be able to observe the meeting once the closed session has concluded.

Public comments are limited to three minutes per speaker on each subject. If you wish to address the Board of Directors on any item, you may attend the meeting in person and submit a "speaker slip" to the Secretary. Forms are provided outside of IRWD's Board Room. If attending via Webex, please submit your request to speak, or your comment, via the "chat" feature and your remarks will be read into the record at the meeting. You may also submit a public comment in advance of the meeting by emailing comments@irwd.com before 12:00 p.m. on Monday, April 14, 2025.

COMMUNICATIONS TO THE BOARD

1. Written:
2. Oral:
3. ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Recommendation: Determine the need to discuss and/or take immediate action on item(s).

PRESENTATION

4. SCIENCE FAIR AWARD WINNERS

Each year, IRWD recognizes local students for their water-related projects entered in the Irvine Unified School District Science Fair.

CONSENT CALENDAR, Items 5 through 10

5. BOARD MEETING MINUTES

Recommendation: That the minutes of the March 24, 2025 Regular Board meeting be approved as presented.

6. 2025 LEGISLATIVE AND REGULATORY UPDATE

Recommendation: That the Board adopt a “support” position on SB 454 (McNerney), SB 496 (Hurtado), SB 599 (Caballero), SB 682 (Allen), H.R. 2296 (McClain/Mullin) and S. 1092 (Merkley/Collins); a “concerns” position on AB 93 (Papan); a “watch” position on SB 730 (Hurtado); and an “oppose unless amended” position on AB 794 (Gabriel) and AB 872 (Rubio).

7. ACWA 2025 ELECTION FOR THE 2026-2027 TERM

Recommendation: That the Board designate Director Steve LaMar as IRWD’s voting representative for the ACWA Presidential and Vice-Presidential election and for the election of the Region 10 Board of Directors, and authorize staff to submit the “Authorized Voting Representative Form” to ACWA designating Director LaMar as the District’s authorized voting representative for the upcoming 2025 ACWA election.

8. WATER SUPPLY ASSESSMENT AND WATER SUPPLY VERIFICATION FOR THE GATEWAY RESIDENTIAL PROJECT

Recommendation: That the Board approve the water supply assessment and contingent upon approval of the Water Supply Assessment, approve the Water Supply Verification for the Gateway Residential Project.

9. PARK PLAZA RECYCLED WATER PIPELINE REPLACEMENT CONSTRUCTION AWARD

Recommendation: That the Board authorize the General Manager to execute a construction contract with T.E. Roberts, Inc. in the amount of \$837,634 for the Park Plaza Recycled Water Pipeline Replacement, Project 13106.

CONSENT CALENDAR, Items 5 through 10 (continued)

10. UTILITY AGREEMENT BETWEEN ORANGE COUNTY TRANSPORTATION AUTHORITY AND IRWD FOR THE INTERSTATE 5 FREEWAY DOMESTIC WATER PIPELINE RELOCATION

Recommendation: That the Board authorize the General Manager to execute a Utility Agreement with the Orange County Transportation Authority for the Interstate 5 freeway domestic water pipeline relocation costs, subject to non-substantive changes.

ACTION CALENDAR

11. MAXIMO UPGRADE PROJECT

Recommendation: That the Board authorize the General Manager to execute a Professional Services Agreement with Total Resource Management in the amount of \$825,000 and a term of three years for the Maximo Upgrade Project and that the Board authorize the General Manager to execute a contract with International Business Machines in the amount of \$715,000 and a term of three years for the Maximo software subscription fees.

12. COST OF SERVICE STUDY

Recommendation: Receive and file.

OTHER BUSINESS

Pursuant to Government Code Section 54954.2, members of the Board of Directors or staff may ask questions for clarification, make brief announcements, and make brief reports on his/her own activities. The Board or a Board member may provide a reference to staff or other resources for information, request staff to report back at a subsequent meeting concerning any matter, or direct staff to place a matter of business on a future agenda. Such matters may be brought up under the General Manager's Report or Directors' Comments. Pursuant to AB 1234 and Government Code Section 53232.3(d), a written draft report of the meetings that any Board member attended on behalf of IRWD since the last Board Meeting will be available at the table near the Board Room entrance, and will be amended verbally, if necessary, during Directors' Comments.

13. General Manager's Report


14. Receive oral update(s) from District liaison(s) regarding communities within IRWD's service area and interests.

15. Directors' Comments and Meeting Reports

16. Adjournment

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 above-named Board in connection with a matter subject to discussion or consideration at an open meeting of the Board are available for public inspection in the District's office, 15600 Sand Canyon Avenue, Irvine, California ("District Office"). 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 Secretary of the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available electronically via the Webex meeting noted. Upon request, the District will provide for written agenda materials in appropriate alternative formats, and reasonable disability-related modification or accommodation to enable individuals with disabilities to participate in and provide comments at public meetings. Please submit a request, including your name, phone number and/or email address, and a description of the modification, accommodation, or alternative format requested at least two days before the meeting. Requests should be emailed to comments@irwd.com. Requests made by mail must be received at least two days before the meeting. Requests will be granted whenever possible and resolved in favor of accessibility.

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April 14, 2025
Prepared and
submitted by: K. Swan
Approved by: Paul A. Cook 

CONSENT CALENDAR

BOARD MEETING MINUTES

SUMMARY:

Provided are the minutes of the March 24, 2025 Regular Board meeting for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE MARCH 24, 2025 REGULAR BOARD MEETING BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

Exhibit "A" – March 24, 2025 Minutes

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Exhibit "A"

MINUTES OF REGULAR MEETING – MARCH 24, 2025

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order by President Reinhart at 5:02 p.m. on March 24, 2025 at the District offices, 15600 Sand Canyon Avenue, Irvine.

Directors Present: Ferons, Swan, Withers, and President Reinhart.

Directors Absent: LaMar.

Oral and Written Communications: None.

Items too late to be agendized: None.

Also Present: General Manager Cook, Executive Director of Finance and Administration Adly, Executive Director of Technical Services Burton, Executive Director of Water Policy Weghorst, Director of Water Resources Sanchez, Director of Financial Planning and Data Analytics Smithson, Director of Water Quality Colston, Director of Human Resources Mitcham, Director of Recycling Operations Zepeda, Director of Information Technology Kaneshiro, Director of Accounting and Treasury Lin, Director of Safety and Security Choi, Senior Engineer Robinson, Engineering Manager Akiyoshi, General Counsel Collins, Secretary Swan, members of the staff, and public.

BOARD WORKSHOP

4. FISCAL YEARS 2025-26 AND 2026-27 PROPOSED OPERATING BUDGETS AND RECOMMENDED RATES AND CHARGES

Using PowerPoint, Director of Financial Planning and Data Analytics Smithson presented the proposed operating budgets for Fiscal Year 2025-26 and Fiscal Year 2026-27. The proposed Fiscal Year 2025-26 Operating Budget is \$249.3 million, representing an increase of \$8.6 million, or 3.6% over the prior year. The proposed Fiscal Year 2026-27 Operating Budget is \$264.2 million, representing an increase of \$14.8 million or 6.0% over Fiscal Year 2025-26. Based on these proposed budgets, Mr. Smithson reported that staff is recommending a rate increase of 8.4% for Fiscal Year 2025-26 and 5.1% for Fiscal Year 2026-27 for the average residential customer.

Mr. Smithson outlined the next steps for adopting the operating budgets. On April 15, 2025, the Proposition 218 Notices will be mailed out, and the Cost of Service and Rate Design Study will be available on the IRWD website. May 30, 2025 will mark the end of the 45-day notice period, and staff and Legal Counsel will respond to any objections received between May 31, 2025 and June 16, 2025. The Public Hearing for the adoption of rates will be held on June 23, 2025 with July 1, 2025 as the effective date of the newly-adopted rates.

Director Swan said that this item was reviewed by the Finance and Personnel Committee on March 3, 2025 and supports the staff recommendation. On MOTION by Withers, seconded by Ferons and unanimously carried, THE BOARD ADOPTED THE FOLLOWING RESOLUTION BY TITLE APPROVING THE OPERATING BUDGETS FOR FISCAL YEARS 2025-26 AND 2026-27 (WITH RATES AND CHARGES TO BE ADOPTED ON JUNE 23, 2025) AND APPROVED THE PROPOSITION 218 NOTICES SUBJECT TO NON-SUBSTANTIVE MODIFICATIONS.

BOARD WORKSHOP (CONTINUED)

RESOLUTION NO. 2025 – 7

RESOLUTION OF THE BOARD OF DIRECTORS
OF IRVINE RANCH WATER DISTRICT,
ORANGE COUNTY, CALIFORNIA
APPROVING THE DISTRICT’S OPERATING BUDGETS FOR
FISCAL YEAR 2025-26 AND FISCAL YEAR 2026-27 AND DETERMINING
COMPLIANCE WITH
ARTICLE XIII B OF THE CALIFORNIA CONSTITUTION

5. LONG-TERM CAPITAL PROGRAM AND CAPITAL BUDGET FOR FISCAL
YEARS 2025-26 AND 2026-27

Senior Engineer Robinson utilized a PowerPoint to present the Long-Term Capital Program, and the Capital Budget for Fiscal Year 2025-26 and Fiscal Year 2026-27 with the forecasted expenditures being \$129.4 and \$133.1 million respectively.

Mr. Robinson reviewed the Long-Term Capital Program, how it is funded, and provided background on the Replacement Planning Model. He outlined the projected development areas and projected dwelling units through Fiscal Year 2026-27.

Mr. Robinson identified the projected budgets that have already been approved by the Board, and forecasted the spending over the next two years for the Biennial Capital Budget. He added that as the District matures, the replacement category will grow year after year. He also included the breakdown of the expenditures by projects, system, and funding sources within each fiscal year.

Director Ferons reported that this item was reviewed by the Engineering and Operations Committee on March 18, 2025 and the Committee supports the staff recommendation. On MOTION by Withers, seconded by Ferons and carried by a vote of 3-1 (Withers, Ferons, and Reinhart voting aye, and Swan voting no), THE BOARD ADOPTED THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION NO. 2025 – 8

RESOLUTION OF THE BOARD OF DIRECTORS
OF IRVINE RANCH WATER DISTRICT APPROVING
THE DISTRICT’S CAPITAL BUDGET FOR FISCAL YEARS 2025-26 AND 2026-27

CONSENT CALENDAR

On MOTION by Withers, seconded by Ferons and unanimously carried, CONSENT CALENDAR ITEMS SIX THROUGH NINE WERE APPROVED AS FOLLOWS:

6. BOARD MEETING MINUTES

Recommendation: That the minutes of the March 10, 2025 Regular Board meeting be approved as presented.

CONSENT CALENDAR (CONTINUED)

7. FEBRUARY 2025 TREASURY REPORT

Recommendation: That the Board receive and file the Treasurer's Investment Summary Report, the Summary of Fixed and Variable Rate Debt, and the Disclosure Report of Reimbursements to Board members and staff, approve the February 2025 Summary of Payroll ACH payments in the total amount of \$2,719,206, and approve the February 2025 accounts payable disbursement summary of warrants 447620 through 448121, Workers' Compensation distributions, ACH payments, virtual card payments, wire transfers, payroll withholding distributions, and voided checks in the net total amount of \$37,796,793.

8. MANNING PUMP STATION REPLACEMENT CONSULTANT SELECTION

Recommendation: That the Board authorize the General Manager to execute a Professional Services Agreement with Lee & Ro, Inc. in the amount of \$299,700 for engineering design services for the Manning Pump Station Replacement, Project 13191.

9. CHARGE READY PARTICIPATION AGREEMENTS AND PURCHASE OF ELECTRIC VEHICLE CHARGING STATIONS

Recommendation: That the Board authorize the General Manager to execute the Charge Ready Infrastructure and Rebate Participation Agreement and the Charge Ready Transport Program Participation Agreement with Southern California Edison subject to non-substantive changes approved by legal counsel and authorize the General Manager to execute agreements for the purchase and installation of the required Charge Point electric vehicle chargers.

ACTION CALENDAR

10. TERMS FOR JOINT USE AGREEMENT WITH ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT AND KERN WATER BANK AUTHORITY

Director Swan reported that this item was reviewed by the Supply Reliability Programs Committee on March 24, 2025, and that the committee supports the staff recommendation. On MOTION by Swan, seconded by Withers, and unanimously carried with a vote of 4-1, with Swan voting no, THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE AN AGREEMENT AND GRANT OF LICENSES BY AND BETWEEN IRVINE RANCH WATER DISTRICT, ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT, AND KERN WATER BANK AUTHORITY FOR CONSTRUCTION AND JOINT USE OF FACILITIES BASED ON THE TERMS PRESENTED AT THE MEETING, SUBJECT TO NON-SUBSTANTIVE CHANGES APPROVED BY SPECIAL LEGAL COUNSEL.

OTHER BUSINESS

11. General Manager's Report

General Manager Cook stated that Carolyn Emery of Orange County LAFCO has announced her retirement at the end of the month.

OTHER BUSINESS (CONTINUED)

12. Receive oral update(s) from District liaison(s) regarding communities within IRWD's service area and interests.

General Manager Cook stated that he received a note from Mr. Newell reporting that the canyons are doing well he is unable to attend this evening's Board meeting due to Fire Academy training.

13. Directors' Comments and Meeting Reports

Director Ferons reported on his attendance at the City of Irvine's 2025 State of the City presented by Mayor Larry Agran; his participation in the 2025 Community Tour Review with District Staff; and his attendance at the MWDOC Water Policy Dinner in Costa Mesa.

Director Withers reported on his attendance at the City of Irvine's 2025 State of the City presented by Mayor Larry Agran; and the OCWA Monthly Industry Insight regarding Water Supply and Wildfires.

Director Swan reported on his participation in the MWDOC Administration and Finance Committee; the WACO Planning Committee Meeting; the MWDOC Board of Directors Meeting; the Newport Bay Watershed Executive Committee meeting in Newport Beach; and his attendance at the MWDOC Water Policy Dinner in Costa Mesa.

President Reinhart reported on his participation in the MWDOC Administration and Finance Committee; the OCWD Water Issues Committee Meeting; the OCWD Administration and Finance Issues Meeting; the MWDOC Board of Directors Meeting; and his Monthly Discussion of District Activities with the General Manager.

14. Closed Session

President Reinhart convened the meeting into Closed Session at 7:16 p.m. with General Counsel Collins announcing the following:

- A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION – Pursuant to Government Code Section 54956.9 (d)(4).
 - *Initiation of litigation: One (1) potential case.*
- B. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION – Pursuant to Government Code Section 54956.9 (d)(1).
 - *United States, et al., ex rel. John Hendrix, et al. v. J-M Manufacturing Company, Inc. et al., Case No. CV 06-0055-GW*
 - *State of Nevada, et al. v. J-M Manufacturing Company, Inc. et al., Los Angeles Case No. BC45993*

15. Open Session

Following the Closed Session, the meeting was reconvened in Open Session. President Reinhart announced that there was no action to report.

16. ADJOURNMENT

At 7:36 p.m., President Reinhart adjourned the Board meeting.

OTHER BUSINESS (CONTINUED)

APPROVED and SIGNED this 14th day of April 2025.


President, IRVINE RANCH WATER DISTRICT

District Secretary,
IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

Claire Hervey Collins, General Counsel
Hanson Bridgett LLP

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April 14, 2025
Prepared and
submitted by: C. Compton
Approved by: Paul A. Cook 

CONSENT CALENDAR

2025 LEGISLATIVE AND REGULATORY UPDATE

SUMMARY:

This report provides an update on the 2025-2026 legislative session, regulatory issues, and IRWD priorities. As legislation and regulations develop, staff will provide updates and recommendations to the Board, as appropriate. Staff recommends the Board consider the following actions/positions:

- *AB 93 (Papan, D-San Mateo) – Water Demands: Data Centers: “CONCERNS”;*
- *AB 794 (Gabriel) – California Safe Drinking Water Act: Emergency Regulations: “OPPOSE UNLESS AMENDED”;*
- *AB 872 (Rubio) – Environmental health: product safety: Perfluoroalkyl and Polyfluoroalkyl Substances: “OPPOSE UNLESS AMENDED”;*
- *SB 454 (McNerney) – PFAS Mitigation Program: “SUPPORT”;*
- *SB 496 (Hurtado) – Advanced Clean Fleets Regulation: Appeals Advisory Committee: Exemptions: “SUPPORT”;*
- *SB 599 (Caballero) – Atmospheric River Extended Forecasting: “SUPPORT”;*
- *SB 682 (Allen) – Environmental health: product safety: Perfluoroalkyl and Polyfluoroalkyl Substances: “SUPPORT”;*
- *SB 730 (Hurtado)- Consumer Projects: Perfluoroalkyl and Polyfluoroalkyl Substances: “WATCH”;*
- *H.R. 2296 (McClain/Mullin) – Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPES) Act: “SUPPORT”;* and
- *S 1092 (Merkley/Collins) – Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPES) Act: “SUPPORT”.*

BACKGROUND:

Over the past few weeks, spot bills and legislative intent bills that were introduced at the beginning of this legislative session have been amended as the bills’ authors seek to have their bills referred to and heard in the appropriate policy committee.

The Legislature will leave for Spring Recess on April 10 and return on April 21. When it returns, the legislative policy committee deadline for hearing fiscal bills will be 11 days away on May 2, while May 9 is the policy committee deadline for non-fiscal bills. The last day for fiscal committees to hear and report to the floor any bills introduced in their house is May 23, and the house of origin deadline is June 6. A copy of the Legislative Matrix is provided as Exhibit “A”.

Links to the bills discussed below are included within each discussion, unless a separate exhibit is noted.

2025 State Legislative Update:

Low-Income Water Rate Assistance Legislation:

As reported to the Board, two bills have been introduced to date that seek to address low-income water rate assistance. The first is AB 532 (Ransom, D-Stockton) and the second is SB 350 (Durazo, D-Los Angeles).

- [AB 532 \(Ransom, D-Stockton\) - Water Rate Assistance Program](#): Assemblymember Rhodesia Ransom (D-Stockton) introduced AB 532 on behalf of the California Municipal Utilities Association (CMUA). AB 532, if enacted, would provide express statutory authority for urban retail water suppliers to have a low-income water rate assistance program, and would establish the California Low Income Household Water Rate Assistance Program for smaller systems under 3,000 connections and water systems serving predominantly disadvantaged communities.

This bill also includes reporting requirements regarding the rate assistance programs, or what barriers exist that prevent them from being established. This report would be part of the annual reporting done by water suppliers to the State Water Resources Control Board.

After two decades of policy discussions and debate on establishing and funding a sweeping statewide low-income water rate assistance program to no avail, and in recognition of the diversity of water suppliers and community water rate assistance needs in California, communities' varying levels of needs, the level of sustainable water rate assistance a community can support, the proportion of a community's ratepayers needing assistance as a percent of the overall rate base, and how that assistance can most efficiently and cost-effectively be provided to low-income residential water ratepayers, AB 532 seeks to make progress on low-income water rate assistance in a manner that helps Californians in need and works for the water community. The Board adopted a "support" position on AB 532; and

- [SB 350 \(Durazo\) - Water Rate Assistance Program](#): State Senator María Elena Durazo (D-Los Angeles) introduced SB 350 again seeking to establish statewide water rate assistance program without identifying a funding source. The bill assigns the State Board, the responsibility to manage the program and any funds placed into it. Additionally, the bill would require that water suppliers participate in the statewide program and automatically enroll households in the program. The bill also authorizes the Attorney General to take legal action against practices that violate these provisions, with certain exceptions. SB 350 is sponsored by the entities that sponsored SB 1255 in 2024.

As currently drafted, SB 350 seeks to create a statewide low-income rate assistance program without a funding source and presents some implementation challenges for local water suppliers because of this, the Board adopted a "oppose unless amended" position on SB 350 and authorized staff to seek amendments that make the bill more workable for

water agencies, and consistent with the Board's policy and the District's previous goals related to low-income water rate assistance.

Staff will provide the Board with an update on the discussions taking place on each of these bills and the topic of low-income water rate assistance in Sacramento.

PFAS-Related Legislation:

Like last year, this legislative session continued to see a number of bills of perfluoroalkyl and polyfluoroalkyl (PFAS) related bills. The following are bills which were introduced this year, related to PFAS:

- [AB 333 \(Alanis\) – Textile Articles: Perfluoroalkyl and Polyfluoroalkyl Substances \(PFAS\)](#): Existing law prohibits, beginning January 1, 2025, a person from manufacturing, distributing, selling or offering for sale any textile article that contains PFAS. AB 333, introduced by Assemblymember Dawn Addis (D-Monterey), would exempt apparel designed for and used by law enforcement from those provisions until January 1, 2028;
- [AB 794 \(Gabriel, D-Encino\) – California Safe Drinking Water Act: Emergency Regulations](#): Assemblymember Jesse Gabriel (D-Encino) introduced AB 794. As introduced, AB 794 would provide the emergency regulatory authority to the State Water Resources Control Board to adopt, on or before January 1, 2026, the federal maximum contaminant levels (MCL) in effective as of January 19, 2025. Specifically, the bill requires the State Board to adopt an emergency regulator and initiate a primary drinking water standard for the perfluoroalkyl and polyfluoroalkyl substances (PFAS), on or before January 1, 2026. This bill anticipates federal action undoing the U.S. Environmental Protection Agency's adopted primary drinking water standards for PFAS substances. To date, the adopted PFAS water standards have not been withdrawn or amended. The Board adopted a "watch" position on AB 794, and staff has continued to closely watch the bill and participate in discussion about it to ensure the District's interests and the interests of the customers are protected. Staff will provide the Board an update on these discussions and now recommends that the Board adopt an "oppose unless amended" position on the bill;
- [AB 872 \(Rubio\) – Environmental health: product safety: PFAS](#): AB 872 would prevent the sale and use of products beginning in 2028 containing PFAS unless the use of the PFAS in the product is necessary and there is not a safer alternative available or is required to be used by federal law. AB 872 would also set up a process at the Department of Toxic Substances Control (DTSC) that would allow manufacturers to petition the Department to determine whether the presence of PFAS in their product is currently unavoidable use. The bill is sponsored by the industries that use PFAS in their projects and designed to counter SB 682 by carving out certain products where PFAS is used. Given the United State Environmental Protection Agency's (U.S. EPA) finalized rules on PFAS, staff recommends the Board adopt an "oppose unless amended" position on AB 872, which help reduce the sources of PFAS entering water sources and wastewater;

- [AB 1181 \(Haney\) – Firefighters Personal Protective Equipment](#): AB 1181, introduced by Assemblymember Matt Haney (D-San Francisco), would require the Cal/OSHA to modify its existing safety orders regarding firefighter personal protective equipment to eliminate the use of PFAS in that equipment. These regulations would need to be updated pursuant to AB 1181 by January 1, 2027;
- [SB 454 \(McNerney\) – PFAS Mitigation Program](#): SB 454, introduced by Senator Jerry McNerney (D-Stockton), would create a statewide PFAS Mitigation Fund intended to help local agencies pay for manmade PFAS contamination cleanup in drinking water and wastewater. The bill is co-sponsored by the Association of California Water Agencies and the League of California Cities. Staff recommends the Board adopt a “support” position on SB 454, which strives to create an additional funding source for water and wastewater PFAS mitigation;
- [SB 682 \(Allen\) – Environmental health: product safety: PFAS](#): SB 682, introduced by Senator Ben Allen (D-Santa Monica) would prevent the sale and use of products containing PFAS in a phased in approach with the first restrictions taking effect in 2027. SB 682 would also set up a process at the DTSC that would allow manufacturers to petition the Department to determine whether the presence of PFAS in their product is currently unavoidable use. SB 682 is co-sponsored by CASA, Natural Resources Defense Council (NRDC), Breast Cancer Prevention Partners (BCPP), Clean Water Action (CWA), and Environmental Working Group (EWG). Given the U.S. EPA’s finalized rules on PFAS, staff recommends the Board adopt a “support” position on SB 682, which helps reduce the sources of PFAS entering water sources and wastewater; and
- [SB 730 \(Hurtado, D-Lemoore\) – Consumer Products: PFAS](#): SB 730, introduced by Senator Melissa Hurtado (D-Lemoore), would prohibit the sale of consumer products, as defined in the bill, that contain PFAS on and after January 1, 2027. The bill defines consumer products as artificial turf, carpets, rugs, cleaning products, cookware, dental floss, fabric treatments and upholstered furniture. The bill seeks to amend some of the same sections as other PFAS bills and intentionally certain PFAS products. Staff recommends the Board adopt a “watch” position on SB 682.

AB 93 (Papan, D-San Mateo) – Water Demands: Data Centers:

AB 93, introduced by Assemblymember Diane Papan (D- San Mateo), was recently amended on March 24. The bill, which aims to identify, track and manage the water demands of data centers, would require that a city or county evaluate the water usage of a data center when they apply for a business license or other applicable permit. It would also require the State Energy Resources Conservation and Development Commission and the State Water Resources Control Board to develop guidelines and best practices to maximize the use of natural resources to address the technology needs of California consistent with the urban water use objectives, and it would require a public entity to conduct a water usage demand analysis prior to completing, or as part of, a cost-of-service analysis conducted to set fees and charges for water service. Within that cost-of-service analysis, it would require a public entity to additionally identify the average volume of water delivered to data centers.

Due to AB 93 placing additional cost-of-service analysis requirements on water supplies, staff recommends the Board adopt a “concerns” position on AB 93 and authorize staff to seek amendments to the bill that would remove the data center reporting within a cost-of-service study while seeking to address the author’s goal in a different way.

AB 367 (Bennet, D-Oxnard) – County Water Districts: County of Ventura: Fire Suppression:

AB 367, which was introduced by Assemblymember Steve Bennet (D-Oxnard), would require water districts in Ventura County that supply water to more than 20 residential dwellings and that supply is used for fire suppression in a high or very high-risk fire hazard severity zone to:

- Have a backup energy source with sufficient power to operate all wells and pumps servicing the high or very high-risk hazard severity zone at normal capacity for at least 24 hours, unless the relevant water delivery system is gravity fed and does not need any backup power to continue to operate during a power shutoff;
- Have their facilities annually inspected by the Ventura County Fire Department to ensure critical water infrastructure serving a high or very high fire hazard zone meets fire safety standards developed by the fire department;
- Top off appropriate water tanks upon notification from the Ventura County Office of Emergency Services that weather conditions merit that action;
- Alert the Ventura County Office of Emergency Services whenever its water delivery capacity has been reduced due to equipment failure or maintenance; and
- If any fire destroys more than 10 residential dwellings or causes more than \$3,000,000 in damage to any residential dwelling in the water district’s service area to develop a report, in collaboration with the fire department, assessing the appropriateness of the water delivery system. The report would be required to be presented to the Ventura County Board of Supervisors by the Ventura County Fire Department at a regularly scheduled board meeting.

While AB 367 is a Ventura County-specific bill, Assemblymember Bennett has stated that he intends to introduce a bill next year that would apply these same provisions to all water providers statewide. Because of the Assemblymember’s state intent, the Board adopted a “concerns” position on this bill and authorized staff to work to improve the bill, through the District’s associations, to ensure to appropriately balances the need and roles of water systems and firefighting entities.

Staff will provide the Board with an update on these efforts.

SB 496 (Hurtado) – Advanced Clean Fleets Regulation: Appeals Advisory Committee: Exemptions

SB 496 introduced by Senator Melissa Hurtado (Bakersfield - D) would require the California Air Resources Control Board (CARB) to create the Advanced Clean Fleets Regulation Appeals Advisory Committee (Appeals Committee) to review any requests that are denied by CARB for exemption from the Advanced Clean Fleets Regulation (ACF). The Appeals Committee would include representatives from various government and nonprofit groups and would be required to meet monthly. Additionally, it would require that the Appeal Committee make a recommendation on the denied appeal request within 60 days after an appeal is made and CARB to consider the Appeal Committee’s recommendation during a public meeting within 60 days after the Appeal Committee’s recommendation is made. More importantly, the bill would make substantial changes to the existing ACF regulations including changes to the existing daily use exemption criteria and changes to the definition of what vehicles are considered exempt from the ACF due to their status as being able to respond to a disaster.

The bill is sponsored by the California State Association of Counties (CSAC), the California Special Districts Association (CSDA), the League of California Cities (Cal Cities), and the Rural County Representatives of California (RCRC). In providing greater clarity around the appeals process and certain ACF exemptions, the bill would assist the District in complying with the AFC. Staff recommends the Board adopt a “support” position on SB 496.

SB 599 (Caballero, D-Salinas) – Atmospheric River Extended Forecasting:

The “Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency (AR/FIRO) Program” currently exists within the Department of Water Resources (DWR). Under the program, DWR reoperates flood control and water storage facilities to capture water generated by atmospheric rivers and research, develops, and implements new observations, prediction models, novel forecasting methods, and tailored decision support systems to improved predictions of atmospheric rivers and their impacts on water supply, flooding, post-wildfire debris flows, and environmental conditions. SB 599, introduced by Senator Anna Caballero (Salinas - D), would extend the researched DWR is required to undertake to include extended-range atmospheric river forecasting.

Staff recommends that the Board adopt a “support” position on SB 599.

Other 2025 State Legislative Updates:

Staff will also provide an oral update on new developments related to the following:

- AB 1146 (Papan, D-San Mateo) – Dams and Reservoir Water Releases: False Pretense;
- AB 1337 (Ward, D-San Diego) – Information Practices Act of 1977;
- AB 1413 (Papan, D-San Mateo) – Sustainable Groundwater Management Act: Groundwater Adjudication;
- SB 601 (Allen) – Waste Discharge Requirements;

- [SB 707 \(Durazo\) – Brown Act: Meeting Requirements](#);
- IRWD’s 2025 sponsored legislation;
- Labor and employment;
- Land and tenancy; and
- Other legislative matters of interest to IRWD.

2025 State and Regional Regulatory Update:

The following is a list of state and regional regulations and agency reports staff are monitoring, tracking, or planning to engage in over the next three to 12 months. As the next drafts of the regulations or reports are released for public review and comment, staff will engage, as appropriate. Staff will also provide an oral update to the Board on any new developments related to these regulations and other regulations of interest to the District.

The pending regulations and reports actively being tracked include:

- California Natural Resources Agency (CNRA) [30 x 30 California Implementation](#);
- CNRA’s [Water Resilience Portfolio Implementation and Resiliency 2.0 Implementation](#);
- DWR’s [SB 1157 Indoor Water Use Studies](#);
- State Board’s [Climate Change Resolution Updates](#);
- State Board implementation of the [Lead and Copper Rule](#);
- State Board’s [Safe and Affordable Funding for Equity and Resilience \(SAFER\) Drinking Water Program](#);
- State Board’s [Development of Maximum Contaminant Levels for PFAS](#);
- State Board’s [Onsite Treatment and Reuse of Nonpotable Water Regulations](#);
- State Board’s [SB 88 Water Measurement Regulations](#);
- South Coast AQMD’s [Cumulative Impacts from Air Toxics for CEQA Projects](#);
- South Coast AQMD’s [Tier 4 Emergency Generator Testing Policy](#);
- South Coast AQMD’s [Proposed Rule 317.1 - Clean Air Act Nonattainment Fees for 8-Hour Ozone Standards](#);
- South Coast AQMD’s [PAR 1146.2 Control of NOx from Large Water Heaters, Small Boilers and Process Heaters](#); and
- South Coast AQMD’s [Proposed Rule 1110.4, Emissions from Emergency Generators](#).

Staff will also provide the Board with an update on other regulatory matters of interest to the District.

2025 Federal Legislative and Regulatory Update:

HR 2296 (McClain (R-MI-9)/Mullin (D-CA-15)) and S 1092 (Merkley (D-OR)/Collins (R-ME)) - Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPES) Act:

On March 21, Representatives Lisa McClain (R-MI-6) and Kevin Mullin (D-CA-15) and Senators Jeff Merkley (D-OR) and Susan Collins (R-ME) reintroduced the Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPES) Act. The House bill is H.R. 2296 and the Senate bill is S. 1092.

As with the versions of the “Wastewater Infrastructure Pollution Prevention and Environmental Safety Act (WIPPES) Act” introduced in prior sessions, the bills would require “Do Not Flush” labeling on disposable wet wipes packaging to help inform consumers about which wet wipes products are suitable to flushing, while discouraging people from flushing the types of wet wipes products that clog sewer systems, necessitating costly maintenance and repairs and in some instances causing overflows.

As an agency responsible for collecting and treating communities’ wastewater, IRWD has firsthand knowledge of the unique treatment and management challenges and pollution threats to our water supplies, which include flushing of non-flushable wet wipes that are often composed of synthetic plastic fibers.

IRWD previously supported the previous WIPPIES Act legislation in the 118th Congress and staff recommends that the Board adopt a “support” position on the WIPPIES legislation (H.R. 2269 and S. 1092) again this year.

Kern Fan Groundwater Storage Project Outreach:

IRWD’s federal advocacy priority in 2025 focuses on seeking federal funding for the South Valley Conveyance and Storage Project and advocating for a reauthorization of the Small Storage Grant Program. Staff will provide an update on those efforts.

Other Federal Regulatory Updates:

The following is a list of federal regulations and agency reports staff are monitoring, tracking, or planning to engage in over the next three to 12 months. Staff will also provide an oral update to the Board on any new developments related to these regulations and other regulations of interest to the District. The pending regulations and reports actively being tracked include U.S. EPA’s [Preliminary PFAS Effluent Guidelines Program Plan](#).

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on April 3, 2025.

RECOMMENDATION:

THAT THE BOARD ADOPT A “SUPPORT” POSITION ON SB 454 (MCNERNEY), SB 496 (HURTADO), SB 599 (CABALLERO), SB 682 (ALLEN), H.R. 2296 (MCCLAIN/MULLIN) AND S. 1092 (MERKLEY/COLLINS); A “CONCERNS” POSITION ON AB 93 (PAPAN); A “WATCH” POSITION ON SB 730 (HURTADO); AND AN “OPPOSE UNLESS AMENDED” POSITION ON AB 794 (GABRIEL) AND AB 872 (RUBIO).

LIST OF EXHIBITS:

Exhibit “A” – IRWD Legislative Matrix

Note: This page is intentionally left blank.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 1 (Connolly (D))	Residential Property Insurance: Wildfire Risk		Requires the Department of Insurance, on specified date to consider whether or not to update its regulations to include additional building hardening measures for property-level mitigation efforts and communitywide wildfire mitigation programs.	02/03/2025: To ASSEMBLY Committee on INSURANCE.
CA AB 5 (Berman (D))	Elections: Official Canvass		Requires elections officials, on or before the specified day following an election, to finish counting all ballots, with certain exceptions, including provisional ballots and ballots for which the voter must either verify or provide a signature, and release a vote count for those ballots. Authorizes the Secretary of State to grant an extension of that deadline to an elections official upon request.	03/10/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
CA AB 12 (Wallis (R))	Low-Carbon Fuel Standard: Regulations		voids specified amendments to the Low-Carbon Fuel Standard regulations adopted by the State Air Resources Board on specified date.	02/18/2025: To ASSEMBLY Committee on NATURAL RESOURCES.
CA AB 17 (Alanis (R))	Elections: Precinct Maps		Provides that existing law requires the county elections official to divide the area under their jurisdiction into precincts and to prepare detailed maps or exterior descriptions of the precincts. Requires the registrar of voters in each county to make available, upon request by any member of the public, a map in digital form provided free of charge that shows the effective boundaries of each precinct within the county.	03/26/2025: From ASSEMBLY Committee on ELECTIONS: Do pass to Committee on APPROPRIATIONS.
CA AB 34 (Patterson J (R))	Air Pollution: Regulations: Consumer Costs: Review		Prohibits the State Air Resources Board from adopting any standard, regulation, or rule that affects the Low Carbon Fuel Standard or the California Greenhouse Gas Cap and Trade Program until the Legislative Analyst has analyzed the cost to the consumer of the proposed standard, regulation, or rule, and submitted its analysis to the Legislature.	03/13/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 35 (Alvarez (D))	California Environmental Quality Act: Clean Hydrogen		Provides for limited CEQA review of an application for a discretionary permit or authorization for a clean hydrogen transportation project by requiring the application to be reviewed through a clean hydrogen environmental assessment, unless otherwise requested by the applicant.	02/18/2025: To ASSEMBLY Committees on NATURAL RESOURCES and JUDICIARY.
CA AB 41 (Macedo (R))	State Air Resources Board: Regulations: Impact Estimate		Require the State Air Resources Board, in consultation with the State Energy Resources Conservation and Development Commission, before adopting or amending a regulation that imposes costs on gasoline refiners, distributors, or retailers, to make available to the public, including on its internet website, an estimate of the impact on retail gasoline prices due to the proposed new regulation or the existing regulation and the proposed amendments to that regulation.	02/18/2025: To ASSEMBLY Committee on NATURAL RESOURCES.
CA AB 43 (Schultz (D))	Wild and Scenic Rivers		Extends, indefinitely, the date by which the Secretary of the Natural Resources Agency is authorized to take the specified actions relating to the addition of rivers or segments of rivers to the state's wild and scenic rivers system.	03/24/2025: From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to Committee on APPROPRIATIONS.
CA AB 52 (Aguiar-Curry (D))	Native American Resources		Provides that existing law authorizes certain entities and organizations to acquire and hold conservation easements, including a California Native American tribe that is on the contact list maintained by the Native American Heritage Commission. Authorizes a tribe that is on the list to, to protect a California Native American prehistoric, archaeological, cultural, spiritual or ceremonial place, acquire and hold easements, if the easement is conveyed pursuant to the California Environmental Quality Act.	03/10/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
CA AB 62 (McKinnor (D))	Racially Motivated Eminent Domain		Requires the Office of Legal Affairs to review, investigate, and make certain determinations regarding applications from persons who claim they are the dispossessed owner of property taken as a result of racially motivated eminent domain. Requires, upon a determination that providing property or just compensation is	02/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			warranted, the Office of Legal Affairs to certify that the dispossessed owner is entitled to the return of the taken property, or other publicly held property of equal value, or compensation.	
CA AB 66 (Tangipa (R))	California Environmental Quality Act: Exemption: Egress		Exempts from the California Environmental Quality Act, until the specified date, egress route projects undertaken by a public agency to improve emergency access to and evacuation from a subdivision without a secondary egress route if the State Board of Forestry and Fire Protection has recommended the creation of a secondary access to the subdivision and certain conditions are met. Requires the lead agency to hold a noticed public meeting before determining that a project is exempt.	03/24/2025: From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to Committee on APPROPRIATIONS.
CA AB 69 (Calderon (D))	FAIR Plan Policy Renewals		Requires a broker of record to determine if a FAIR Plan policy can be moved to a voluntary market insurance company before the policy is renewed.	02/03/2025: To ASSEMBLY Committee on INSURANCE.
CA AB 70 (Aguiar-Curry (D))	Solid Waste: Organic Waste: Diversion: Biomethane		Provides that the Integrated Waste Management Act requires each city, county, and regional agency to develop a source reduction and recycling element of an integrated waste management plan, including solid waste diversion requirements. Provides that existing law requires the Department of Resources Recycling and Recovery to adopt regulations to achieve reduction in the organic waste disposed of in landfills. Requires the department to include pipeline biomethane converted exclusively from organic waste.	03/24/2025: From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to Committee on APPROPRIATIONS.
CA AB 76 (Alvarez (D))	Surplus Land: Exempt Surplus Land: Sectional Planning		Changes specified requirements concerning surplus land so that at least specified percentage of units that are not designated for students, faculty, or staff of an academic institution must be dedicated to lower income households, as specified, and that the land must be developed at an average density of at least 10 units per acre, calculated with respect to the entire sectional planning area and inclusive of housing designated for students, faculty, and staff of an academic institution.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 82 (Ward (D))	Information Practices Act of 1977: Civil Actions		Makes a nonsubstantive change to the Information Practices Act of 1977, which authorizes an individual to bring an action against an agency under specified conditions, including whenever an agency refuses to comply with an individual's lawful request to inspect certain records.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on PUBLIC SAFETY.
CA AB 93 (Papan (D))	Water Resources: Demands: Data Centers		Requires a person who owns or operates a data center to provide, when applying to a city or a county for an initial business license, equivalent instrument, or permit, under penalty of perjury, on the application, an estimate of the expected water use.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
CA AB 94 (Bennett (D))	Recall Elections: Successors		Provides that when the local officer is recalled and removed, that officer may not be appointed to fill the vacancy.	03/27/2025: In ASSEMBLY. Read second time. To Consent Calendar.
CA AB 226 (Calderon (D))	Insurance		Authorizes the California FAIR Plan Association, if granted prior approval from the commissioner, to request the California Infrastructure and Economic Development Bank to issue bonds, and would authorize the bank to issue those bonds to finance the costs of claims, to increase liquidity and claims-paying capacity of the association, and to refund bonds previously issued for that purpose.	03/20/2025: In ASSEMBLY. Read second time. To third reading.
CA AB 232 (Calderon (D))	Natural Disasters: Catastrophe Savings Accounts		Authorizes a homeowner to establish one catastrophe savings account that, among other things, has the specified purpose of covering the amount of insurance deductibles and other uninsured portions of risks of loss from wildfire, flood, or earthquake. Requires distributions from a catastrophe savings account to be used to cover qualified catastrophe expenses, defined as expenses paid or incurred due to damage to or loss of a homeowner's primary residence caused by a wildfire, flood, or earthquake.	03/03/2025: In ASSEMBLY. Coauthors revised.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 259 (Rubio (D))	Open Meetings: Local Agencies: Teleconferences	Support	Extends, under the Ralph M. Brown Act the alternative teleconferencing procedures indefinitely. Removes a specified date from the act, thereby extending the authorization for a legislative body of a local agency to consider and take action on a request from a member to participate in a meeting remotely due to emergency circumstances, as specified, indefinitely.	02/10/2025: To ASSEMBLY Committee on LOCAL GOVERNMENT.
CA AB 261 (Quirk-Silva (D))	Fire Safety: Fire Hazard Severity Zones		Authorizes the State Fire Marshal, in periods between the State Fire Marshal's review of areas of the State for recommendations regarding an area's fire hazard severity zone, to confer with entities on actions that may impact the degree of fire hazard in an area. Authorizes those entities to provide information to the State Fire Marshal on wildfire safety improvements or other actions the entity has taken or plans to take before the next review that may impact the degree of fire hazard in an area.	03/26/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on EMERGENCY MANAGEMENT.
CA AB 262 (Caloza (D))	California Individual Assistance Act		Enacts the California Individual Assistance Act to establish a grant program to provide financial assistance to local agencies, community-based organizations, and individuals for specified costs related to a disaster, as prescribed. Requires the Director of Emergency Services to allocate from the Disaster Assistance Fund, subject to specified conditions, funds to meet the cost of expenses for those purposes.	02/10/2025: To ASSEMBLY Committee on EMERGENCY MANAGEMENT.
CA AB 263 (Rogers (D))	Scott River: Shasta River: Watersheds		Provides that specified emergency regulations adopted by the State Water Resources Control Board for the Scott River and Shasta River watersheds shall remain in effect until permanent rules establishing and implementing long-term instream flow requirements are adopted for those watersheds.	02/10/2025: To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
CA AB 269 (Bennett (D))	Dam Safety and Climate Resilience Local Assistance	Oppose	Includes the removal of project facilities as additional projects eligible to receive funding under the Dam Safety and Climate Resilience Local Assistance Program.	02/10/2025: To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 270 (Petrie-Norris (D))	Office of Emergency Services: Firefighting Activities		Requires the Office of Emergency Services to establish a pilot program to equip the state with the nation's first testbed autonomous firefighting helicopter and the associated configuration, familiarization, and training activities to transition the aircraft into operational use.	02/10/2025: To ASSEMBLY Committees on EMERGENCY MANAGEMENT and PRIVACY AND CONSUMER PROTECTION.
CA AB 272 (Aguiar-Curry (D))	Heavy-Duty Vehicle Inspection and Maintenance Program		Provides that existing law requires the State Air Resources Board to adopt and implement a regulation for a Heavy Duty Vehicle Inspection and Maintenance Program for non gasoline heavy duty on road motor vehicles with a gross vehicle weight rating of more than a specified number of pounds. Requires, within a specified number of years following the full implementation of the program, but not later than the specified date, the State Board to provide the first of the biennial reports on its internet website.	03/24/2025: From ASSEMBLY Committee on TRANSPORTATION: Do pass to Committee on APPROPRIATIONS.
CA AB 275 (Petrie-Norris (D))	Office of Emergency Services: Wildfire Response: SoCal		Requires the Office of Emergency Services to establish, on or before the specified date, a working group to study the feasibility of making the SoCal Edison funded Quick Reaction Force firefighting helitanker program permanent in statute. Requires the Director of Emergency Services to appoint members to the working group who are knowledgeable about the program.	03/13/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on EMERGENCY MANAGEMENT.
CA AB 286 (Gallagher (R))	Electricity: Mandatory Rate Reduction		Provides that existing law authorizes the Public Utilities Commission to fix the rates and charges for every public utility and requires that those rates and charges be just and reasonable. Requires the commission to reduce the kilowatt per hour rate for electricity charged to ratepayers by not less than a specified percent. Requires the commission, in making that reduction, to take certain actions.	03/17/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY.
CA AB 288 (McKinnor (D))	Employment: Labor Organization		Expands the Public Employment Relations Board's jurisdiction by authorizing a worker who is subject to the National Labor Relations Act as of the specified date, and who petitions the National Labor Relations Board to vindicate their rights to full freedom of association, self organization, and designation of	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on PUBLIC EMPLOYMENT AND RETIREMENT.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			representatives of their own choosing, but who does not receive an effective response or remedy within the specified statutory timeframe, to petition PERB to vindicate those rights.	
CA AB 293 (Bennett (D))	Groundwater Sustainability Agency: Transparency		Requires each groundwater sustainability agency to publish the membership of its board of directors on its internet website, or on the local agency's internet website, as provided. Requires each groundwater sustainability agency to publish a link on its internet website or its local agency's internet website to the location on the Fair Political Practices Commission's internet website where the statements of economic interests, filed by the members of the board and executives of the agency, can be viewed.	03/26/2025: In ASSEMBLY. Read second time. To third reading.
CA AB 294 (Gallagher (R))	Recovery from Disaster or Emergency: Funding Priority		Authorizes the Office of Emergency Services to prioritize funding and technical assistance under specified programs, including, but not limited to, for infrastructure and housing recovery projects, in communities that suffered a loss in population and businesses due to a major federal disaster, state of emergency, or local emergency and have unmet recovery needs as a result of a major federal disaster, state of emergency, or local emergency.	02/10/2025: To ASSEMBLY Committee on EMERGENCY MANAGEMENT.
CA AB 295 (Macedo (R))	Environmental Quality Act: Environmental Leadership		Extends the application of the Economic Improvement Through Environmental Leadership Act to water storage projects, water conveyance projects, and groundwater recharge projects that provide public benefits and drought preparedness.	02/10/2025: To ASSEMBLY Committees on NATURAL RESOURCES and WATER, PARKS AND WILDLIFE.
CA AB 300 (Lackey (R))	Fire Hazard Severity Zones: State Fire Marshal		Provides that existing law requires the State Fire Marshal to identify areas in the State as moderate, high, and very high fire hazard severity zones, and requires the Fire Marshal to classify lands within State responsibility areas into fire hazard severity zones. Requires the Fire Marshal to do the classification and review of lands within such areas as fire hazard severity zones at least once every specified number of years.	03/26/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on EMERGENCY MANAGEMENT.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 301 (Schiavo (D))	Planning and Zoning: Housing Development Projects		Provides that existing law relating to housing development approval requires a local agency to compile a list of information needed to approve or deny a postentitlement phase permit. Requires a State department to comply with such provisions relating to postentitlement phase permits. Requires a State department to make the information list, examples of a complete, approved application, and a complete set of postentitlement phase permits available on the department's website by the specified date.	03/20/2025: In ASSEMBLY. Read second time. To third reading.
CA AB 303 (Addis (D))	Battery Energy Storage Facilities		Specifies that energy storage systems do not include battery energy storage systems for purposes of certification by the Energy Commission. Requires the commission to deny applications for a battery energy storage system that are pending as of the effective date of the bill. Prohibits the authorization of a development project that includes a battery energy storage system capable of storing 200 megawatthours or more of energy if the development project is located within 3,200 feet of a sensitive receptor.	03/10/2025: To ASSEMBLY Committees on UTILITIES AND ENERGY, NATURAL RESOURCES, and LOCAL GOVERNMENT.
CA AB 306 (Schultz (D))	Building Regulations: State Building Standards		Provides that existing law requires the governing body of a city or county, before making modifications or changes to green building standards, to make an express finding that those modifications or changes are reasonably necessary because of local climatic, geological, or topographical conditions. Prohibits a city or county from making changes that are applicable to residential units to specified building standards unless a certain condition is met.	03/20/2025: In ASSEMBLY. Read second time. To third reading.
CA AB 307 (Petrie-Norris (D))	Safe Drinking Water, Wildfire Prevention, Drought Prep		Requires a specified amount of the Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024 to the Department of Forestry and Fire Protection be allocated for purposes of the ALERTCalifornia fire camera mapping system.	03/24/2025: In ASSEMBLY Committee on NATURAL RESOURCES: Not heard.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 311 (McKinnor (D))	Dwelling Units: Persons at Risk of Hness		Reinstates prior law which authorized a tenant to temporarily permit the occupancy of their dwelling unit by a person who is at risk of homelessness, with the written approval of the owner or landlord, and includes new provisions regarding occupancy. Defines person at risk of homelessness to include any person who is displaced from their residence as a result of a disaster in a disaster-stricken area in which a state of emergency has been proclaimed by the Governor.	03/05/2025: In ASSEMBLY. Read second time. To third reading.
CA AB 317 (Jackson (D))	California First Time Homeowner Dream Act		Exempts from CEQA the new construction of a single-family dwelling that meets specified conditions, including that the project contains one single-family dwelling that is 1,500 square feet or less with no more than 3 bedrooms, the property is intended to be sold to a first-time homebuyer, and the lead agency determines that the developer of the project or the property owner provided sufficient legal commitments to meet the requirements of the exemption.	03/03/2025: To ASSEMBLY Committees on NATURAL RESOURCES and REVENUE AND TAXATION.
CA AB 328 (Chen (R))	Indemnity		Makes a nonsubstantive change to existing law which specifies that one who indemnifies another against an act to be done by the latter, is liable jointly with the person indemnified, and separately, to every person injured by the act.	01/27/2025: INTRODUCED.
CA AB 333 (Alanis (R))	Product Safety: Textile Articles: PFAS		Relates to existing law which prohibits, beginning January 1, 2025, any person from manufacturing, distributing, selling, or offering for sale in the state any new, not previously owned, textile articles that contain regulated PFAS. Exempts from this prohibition, until January 1, 2028, apparel designed for and used by law enforcement.	02/18/2025: To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 336 (Wallis (R))	Criminal Penalties: Wildfires		Makes unlawfully causing a fire by recklessly setting fire to, burning, or causing to be burned, any structure, forest land, or property, punishable only as a felony including a fine not to exceed a specified amount.	03/04/2025: In ASSEMBLY Committee on PUBLIC SAFETY: Failed passage.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 337 (Bennett (D))	Greenhouse Gas Reduction Fund: Grant Program: Food		Expands a grant program under the Department of Resources Recycling and Recovery to provide financial assistance for the recovery of edible food, as specified. Specifies that eligible infrastructure projects includes the construction or expansion of facilities to help develop, implement, or expand edible food waste recovery operations.	03/24/2025: From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to Committee on APPROPRIATIONS.
CA AB 339 (Ortega (D))	Local Public Employee Organizations: Notice Requirement		Requires the governing body of a public agency, and boards and commissions designated by law or by the governing body of a public agency, to give the recognized employee organization no less than 120 days' written notice before issuing a request for proposals, request for quotes, or renewing or extending an existing contract to perform services that are within the scope of work of the job classifications represented by the recognized employee organization.	03/19/2025: From ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT: Do pass to Committee on APPROPRIATIONS.
CA AB 340 (Ahrens (D))	Employer-Employee Relations: Confidential Communication		Prohibits a public employer from compelling a public employee, a representative of a recognized employee organization, or an exclusive representative to disclose confidential communications to a third party. Provides that this would not apply to a criminal investigation or when a public safety officer is under investigation and certain circumstances exist.	03/19/2025: From ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT: Do pass to Committee on APPROPRIATIONS.
CA AB 343 (Pacheco (D))	California Public Records Act: Officials		Includes in the definition of the term elected or appointed official, for purposes of the California Public Records Act, a retired judge or court commissioner, a retired federal judge or federal defender, a retired judge of a federally recognized Indian tribe, and an appointee of a court to serve as children's counsel in a family or dependency proceeding.	03/04/2025: From ASSEMBLY Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
CA AB 351 (McKinnor (D))	Campaign Contributions: Agency Officers		Relates to the Political Reform Act of 1974 which prohibits an officer of an agency from accepting, soliciting, or directing a contribution of more than a specified amount from any party,	02/18/2025: To ASSEMBLY Committee on ELECTIONS.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			participant, or a party or participant's agent, while a proceeding involving a license, permit, or other entitlement for use is pending before the agency and for 12 months following the date a final decision is rendered in the proceeding. Increases the contribution threshold as specified.	
CA AB 357 (Alvarez (D))	Coastal Resources: Coastal Development Permit		Relates to the Coastal Act of 1976 which requires a person wishing to perform or undertake any development in the coastal zone to obtain a coastal development permit. Includes, as part of an exclusion, student housing projects and faculty and staff housing projects.	02/18/2025: To ASSEMBLY Committee on NATURAL RESOURCES.
CA AB 359 (Ramos (D))	Fair Political Practices Commission		Authorizes the Fair Political Practices Commission to conduct audits with respect to the local campaign finance or government ethics law. Deletes the requirement for the commission to report to the Legislature and remove the January 1, 2026 repeal date, thereby indefinitely extending the operation of the provisions.	03/26/2025: From ASSEMBLY Committee on ELECTIONS: Do pass to Committee on APPROPRIATIONS.
CA AB 362 (Ramos (D))	Water Policy: California Tribal Communities		Adds findings and declarations related to California tribal communities and the importance of protecting tribal water use, as those terms are defined. Adds tribal water uses as waters of the state that may be protected against quality degradation for purposes of the defined term beneficial uses. Requires any project or regulatory program subject to approval by the State Water Quality Control Board or a regional water quality control board, within a specified environmental review.	03/24/2025: To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 367 (Bennett (D))	County Water Districts: County of Ventura: Fire	Concern	Requires a water district that supplies water to more than 20 residential dwellings that is used for the suppression of fire in either a high or very high risk fire hazard severity zone in the County of Ventura to have a backup energy source with sufficient power to promptly operate wells and pumps servicing the high or very high risk hazard severity zone at normal capacity for at least	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on EMERGENCY MANAGEMENT.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			24 hours in the case of a power shutoff unless the relevant water delivery systems are gravity fed.	
CA AB 370 (Carrillo J (D))	California Public Records Act: Cyberattacks		Provides that existing law requires each agency, within a certain number of days of a request for a copy of records, to determine whether the request seeks copies of disclosable public records. Authorizes that time limit to be extended under unusual circumstances, including the inability of the agency, because of a cyberattack, to access its electronic servers or systems in order to search for and obtain a record that the agency believes is responsive to a request.	03/12/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA AB 372 (Bennett (D))	Office of Emergency Services: State Matching Funds		Establishes the Rural Water Infrastructure for Wildfire Resilience Program within the OES for the distribution of state matching funds to communities within the Wildland Urban Interface in designated high fire hazard severity zones or very high fire hazard severity zones to improve water system infrastructure.	03/28/2025: To ASSEMBLY Committees on EMERGENCY MANAGEMENT and ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 380 (Gonzalez Ma (D))	Price Gouging		Provides that under existing law, upon the proclamation of a state of emergency, it is a misdemeanor for a person, contractor, business, or other entity to sell goods or services for a price of more than a specified percent greater than the price charged by that person immediately prior to the proclamation or declaration of emergency. Makes that misdemeanor applicable for the duration of a proclamation and, for an entity other than a natural person, makes that misdemeanor punishable by a specified fine.	03/12/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA AB 399 (Boerner (D))	Coastal Resources: Coastal Development Permits		Authorizes the California Coastal Commission to authorize blue carbon demonstration projects in order to demonstrate and quantify the carbon sequestration potential of these projects to help inform the state's natural and working lands and climate resilience strategies.	03/25/2025: In ASSEMBLY. Coauthors revised.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 404 (Sanchez (R))	Environmental Quality Act: Exemption: Prescribed Fire		Relates to existing law, until January 1, 2028, which exempts from the requirements of CEQA prescribed fire, reforestation, habitat restoration, thinning, or fuel reduction projects, or related activities, undertaken, in whole or in part, on federal lands to reduce the risk of high-severity wildfire that have been reviewed under the federal National Environmental Policy Act. Extends the exemption and requirements on the lead agency indefinitely.	03/24/2025: In ASSEMBLY Committee on NATURAL RESOURCES: Not heard.
CA AB 410 (Wilson (D))	Bots: Disclosure		Requires a bot to disclose to any person with whom it interacts before any interaction takes place that the bot is a bot and not a human being, to answer truthfully any query from a person regarding its identity as a bot or a human, and to refrain from attempting to mislead a person regarding its identity as a bot.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on PRIVACY AND CONSUMER PROTECTION.
CA AB 413 (Fong M (D))	Department of Housing and Community Development: Guide		Requires the Department of Housing and Community Development to review all guidelines it has adopted or amended to determine whether those guidelines explain rights or services available to the public. Requires the department to translate those guidelines into any non-English languages spoken by a substantial number of non-English-speaking people, as defined.	02/18/2025: To ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT.
CA AB 414 (Pellerin (D))	Residential Tenancies: Return of Security		Provides that existing law limits the amount of security that a landlord may demand or receive. Requires the landlord to return the security by personal delivery or by check made payable to the tenant. Requires, if the landlord received the security or rental payments from the tenant electronically, the tenant to return the remainder of the security electronically, unless the landlord and tenant designated another method of return, by written agreement.	03/20/2025: In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE.
CA AB 417 (Carrillo J (D))	Local Finance: Enhanced Infrastructure Financing		Provides that existing law authorizes the creation of community revitalization and investment authorities to carry out a community revitalization plan in a community revitalization and investment area. Requires an authority to consider adoption of a revitalization plan at a specified number of public hearings. Requires a notice to	03/28/2025: In ASSEMBLY. Read second time. To third reading.

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			be provided in English and in all other languages spoken jointly by a specified percent or more of the population in the jurisdiction of the county of the proposed authority.	
CA AB 418 (Wilson (D))	Property Taxation: Tax Defaulted Property		Prohibits a board of supervisors from approving the sale of tax defaulted property, unless it conducts a hearing, with notice, and makes a specified finding that either the sale price is greater than or equal to the tax sale value of the property or the tax sale value of the property is less than the amount necessary to redeem the property. Authorizes the challenge of a board of supervisors' determination by the filing of a petition for judicial review in the superior court of the county.	03/26/2025: In ASSEMBLY. Coauthors revised.
CA AB 426 (Dixon (R))	Local Agencies: Civil Penalty for Impeding Emergencies		Authorizes a local agency to impose a civil penalty not exceeding a specified amount upon a person who operates or uses an unmanned aerial vehicle, remote piloted aircraft, or drone at the scene of an emergency and thereby impedes firefighters, peace officers, medical personnel, military personnel, or other emergency personnel in the performance of their fire suppression, law enforcement, or emergency response duties, unless the person has a federal operational waiver.	03/17/2025: To ASSEMBLY Committees on EMERGENCY MANAGEMENT and JUDICIARY.
CA AB 428 (Rubio (D))	Joint Powers Agreements: Water Corporations		Authorizes a water corporation, a mutual water company, and one or more public agencies to provide insurance by a joint powers' agreement. Authorizes a water corporation, a mutual water company, and one or more public agencies to enter into a joint powers' agreement for the purposes of risk pooling. Requires the joint powers agency to be 100% reinsured with no joint and several liability, no assessments, and no financial liability attributable to the participating members.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on INSURANCE.
CA AB 430 (Alanis (R))	State Water Resources Control Board: Regulations		Requires State Water Resources Control Board, before the 2nd renewal of any emergency regulation or upon its repeal, to conduct a comprehensive economic study assessing the impacts	02/18/2025: To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.

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			of the regulation, as specified. Requires the board to make the study publicly available on its internet website no later than 30 days before the date of the subsequent renewal, or one year from the date of the repeal of the emergency regulation.	
CA AB 434 (DeMaio (R))	Battery Energy Storage Facilities		Prohibits, until the specified date, a public agency from authorizing the construction of a battery energy storage facility. Requires the State Fire Marshal to adopt guidelines and minimum standards for the construction of a battery energy storage facility to prevent fires and protect nearby communities from any fire hazard posed by the facility.	03/25/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY.
CA AB 438 (Hadwick (R))	Authorized Emergency Vehicles		Provides that existing law imposes specific requirements on drivers and pedestrians when an authorized emergency vehicle is sounding a siren and exhibiting its red lights. Expands the definition of authorized emergency vehicle to include any vehicle owned by a county, city, or city and county office of emergency services only while that vehicle is being used by a public employee in responding to any disaster.	03/13/2025: In ASSEMBLY. Suspend Assembly Rule 96.
CA AB 439 (Rogers (D))	California Coastal Act of 1976: Local Planning		Makes de minimis amendments to local coastal programs and port master plans effective upon adjournment of a meeting of the Coastal Commission if specified number of members of the commission do not object to the de minimis determination.	03/24/2025: From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to Committee on APPROPRIATIONS.
CA AB 441 (Hadwick (R))	Wildfire Prevention: Office of Wildfire Technology		Extends the repeal date of existing law which establishes the Office of Wildfire Technology Research and Development in state government within the Department of Forestry and Fire Protection to study, test, and advise regarding procurement of emerging technologies and tools in order to more effectively prevent and suppress wildfires within the state.	02/18/2025: To ASSEMBLY Committee on EMERGENCY MANAGEMENT.

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CA AB 442 (Hadwick (R))	California Environmental Quality Act: Exemption		Exempts from the California Environmental Quality Act (CEQA) prescribed fire, thinning, or fuel reduction projects undertaken within a community with a single ingress and egress evacuation route.	02/18/2025: To ASSEMBLY Committee on NATURAL RESOURCES.
CA AB 454 (Kalra (D))	Migratory Birds: CA Migratory Bird Protection Act		Relates to the Migratory Bird Treaty Act. Makes unlawful the taking or possessing of any migratory bird, as designated in the act before the specified date, any additional migratory nongame birds that may be designated in the act after that date, or any part of those migratory nongame birds, with specified exceptions.	03/26/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA AB 455 (Ortega (D))	Real Estate: Environmental Hazards: Thirdhand Smoke		Makes it the sole responsibility of a seller of a single-family residential property who has actual knowledge of the existence of any residue from smoking or vaping tobacco or nicotine products, or any history of occupants smoking or vaping tobacco or nicotine products on the property, to disclose that knowledge to the buyer in writing.	03/17/2025: To ASSEMBLY Committees on JUDICIARY and ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 459 (DeMaio (R))	Initiatives: Qualification		States the intent of the Legislature to enact subsequent legislation that changes requirements for qualifying and voting on initiative measures.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
CA AB 462 (Lowenthal (D))	Land Use: Coastal Development Permits: Accessory		Provides that the California Coastal Act of 1976 requires any person wishing to perform or undertake any development in the coastal zone to obtain a coastal development permit from a local government or the California Coastal Commission. Exempts the construction of an accessory dwelling unit located within the County of Los Angeles, and in any county that is subject to a proclamation of a state of emergency made by the Governor on or after the specified date, from the need to obtain such permit.	03/20/2025: In ASSEMBLY. Read second time. To third reading.
CA AB 465 (Zbur (D))	Local Public Employees: Memoranda of Understanding		Requires, on or after the specified date, a memorandum of understanding between a public agency and a recognized employee organization to include specified provisions including, among other things, a provision providing for a system of	03/13/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on PUBLIC

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			progressive discipline that grants due process to an employee when they are disciplined, upon the request of the recognized employee organization.	EMPLOYMENT AND RETIREMENT.
CA AB 497 (Wilson (D))	San Francisco Bay/Sacramento-San Joaquin Delta Estuary		States the intent of the Legislature to enact future legislation relating to the Bay-Delta Water Quality Control Plan.	02/10/2025: INTRODUCED.
CA AB 502 (Pellerin (D))	Elections: Certified Mail		Provides that existing law requires specified notices, affidavits, and communications regarding elections be delivered by registered mail. Requires delivery by certified mail or, for certain communications between local officials and the Secretary of State, by electronic delivery.	03/26/2025: From ASSEMBLY Committee on ELECTIONS: Do pass to Committee on APPROPRIATIONS.
CA AB 507 (Haney (D))	Adaptive Reuse: Streamlining: Incentives		Deems an adaptive reuse project a use by right in all zones, regardless of the zoning of the site, and subject to a streamlined, ministerial review process if the project meets specified requirements, subject to specified exceptions.	02/24/2025: To ASSEMBLY Committees on HOUSING AND COMMUNITY DEVELOPMENT and LOCAL GOVERNMENT.
CA AB 513 (Gonzalez Je (R))	California Global Warming Solutions Act of 2006: Plan		Requires the State Air Resources Board to include greenhouse gas emissions from wildlands and forest fires in the scoping plan of the California Global Warming Solutions Act of 2006.	02/24/2025: To ASSEMBLY Committee on NATURAL RESOURCES.
CA AB 514 (Petrie-Norris (D))	Water: Emergency Water Supplies	Sponsor/Support	Declares that it is the established policy of the state to encourage, but not mandate, the development of emergency water supplies by local water suppliers, and to support their use during times of drought or unplanned service or supply disruption.	02/24/2025: To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
CA AB 532 (Ransom (D))	Water Rate Assistance Program	Support	Repeals specified requirements related to the Low Income Household Water Assistance Program. Requires upon appropriation by the Legislature, the Department of Community Services and Development to establish and administer the California Low Income Household Water Assistance Program to	03/03/2025: To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.

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			provide water rate assistance to residential ratepayers of community water systems with under specified number of connections.	
CA AB 566 (Lowenthal (D))	California Consumer Privacy Act of 2018: Opt-Out		Prohibits a business from developing or maintaining a browser that does not include a setting that enables a consumer to send an opt-out preference signal to businesses with which the consumer interacts through the browser and would, 6 months after the adoption of certain regulations by the agency, prohibit a business from developing or maintaining a mobile operating system, as defined, that does not include a setting that enables a consumer to send an opt-out preference signal to businesses.	02/24/2025: To ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION.
CA AB 569 (Stefani (D))	California Public Employees' Pension Reform Act		Authorizes a public employer to bargain over contributions for supplemental retirement benefits administered by, or on behalf of, an exclusive bargaining representative of one or more of the public employer's bargaining units.	02/24/2025: To ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT.
CA AB 580 (Wallis (R))	Surface Mining: Metropolitan Water District		Provides that existing law authorizes the Metropolitan Water District of Southern California to prepare a master reclamation plan that identifies each individual surface mining operation in specified counties and satisfies all reclamation plan requirements for each individual surface mining site. Provides that existing law requires the MWD to be the lead agency for any environmental review of the master reclamation plan. Extends the operation of those provisions until the specified date.	03/26/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
CA AB 582 (Pacheco (D))	Administrative Procedure Act		Makes a nonsubstantive change to provisions of the Administrative Procedure Act.	02/12/2025: INTRODUCED.
CA AB 596 (McKinnor (D))	Occupational Safety: Face Coverings		Provides that existing regulations promulgated by the Occupational Safety and Health Standards Board, until the specified date, prohibit an employer from preventing any	03/19/2025: From ASSEMBLY Committee on LABOR AND

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			employee from wearing a face covering, including a respirator, unless it would create a safety hazard. Prohibits an employer from preventing any employee from wearing a face covering, including a respirator, unless it would create a safety hazard.	EMPLOYMENT: Do pass to Committee on APPROPRIATIONS.
CA AB 599 (Connolly (D))	Hazardous Waste: Classification Standards		Requires the Department of Toxic Substances Control, if the department proposes to reclassify wastes or adopt alternative management standards for regulated waste, to take all necessary and authorized steps required by law to facilitate full public notification and review of state, regional, and local facility entitlements, to enable local community input regarding the proposed changes to the classification of wastes or the alternative management standards.	03/25/2025: From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS: Do pass to Committee on APPROPRIATIONS.
CA AB 612 (Rogers (D))	Transportation: Highway Design Manual: Emergency		Requires the Department of Transportation, on or before specified date, to update the Highway Design Manual to direct local governments to consult with local fire departments when making road improvements to ensure the improvements do not negatively impact emergency response times.	03/25/2025: In ASSEMBLY. Coauthors revised.
CA AB 614 (Lee (D))	Claims Against Public Entities		Relates to the Government Claims Act. Requires a claim relating to any cause of action against a public entity to be presented not later than a specified time period after accrual of the cause of action, unless otherwise specified by law.	03/27/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA AB 620 (Jackson (D))	Medium- and Heavy-Duty Zero-Emission Vehicle Fleet		Requires the State Air Resources Board, for any regulation adopted to develop or implement the Air Quality Improvement Program, or other regulations that are regarding the procurement or use of medium- and heavy-duty zero-emission vehicles by a public or private fleet, to consider specified things, including, among other things, the environmental and supply chain benefits of renting medium- and heavy-duty zero-emission vehicles compared to procuring them.	03/24/2025: From ASSEMBLY Committee on TRANSPORTATION: Do pass to Committee on APPROPRIATIONS.

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CA AB 623 (Dixon (R))	Fuel Modification and Reduction Projects: CEQA		Exempts a fuel modification project to maintain defensible space of a specified distance from each side and from the front and rear of a building or structure and a fuel reduction project to prevent and contain the spread of wildfires from the requirements of the California Environmental Quality Act.	03/17/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
CA AB 626 (Papan (D))	Underground Storage Tanks: Design and Construction		Exempts an operator from the tank closure requirement if the operator of a single-walled underground storage tank (UST) is acting in good faith to comply with the requirement to upgrade to a double-walled UST by December 31, 2025, and the operator meets specified conditions. Requires an operator seeking this exemption to submit a written request to the local enforcement agency.	03/03/2025: To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 628 (McKinnor (D))	Hiring of Real Property: Dwellings: Untenantability		Adds a stove and refrigerator that are maintained in good working order and are capable of safely generating heat for cooking purposes and capable of safely storing food to the list of characteristics required for the dwelling unit to be tenantable for leases entered into, amended, or extended on or after the specified date. Prohibits the application of these new requirements for certain types of dwelling units, including permanent supportive housing.	03/28/2025: In ASSEMBLY. Read second time. To third reading.
CA AB 632 (Hart (D))	Local Ordinances: Administrative Fines or Penalties		Authorizes a local agency to file a certified copy of a final administrative order or decision that directs payment of the administrative fine or penalty with the clerk of the superior court of any county, and requires the clerk to enter judgment immediately in conformity with the decision or order.	03/03/2025: To ASSEMBLY Committees on LOCAL GOVERNMENT and JUDICIARY.
CA AB 638 (Rodriguez Ce (D))	Stormwater: Uses: Irrigation		Requires the State Water Resources Control Board to establish guidance for stormwater capture and use for the irrigation of urban public lands. Requires the guidance to include, but not be limited to, the use of captured stormwater for irrigation to offset	03/26/2025: In ASSEMBLY. Coauthors revised.

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			the use of potable water and criteria for, among other things, pathogens and pathogen indicators and total suspended solids.	
CA AB 639 (Soria (D))	Dams: Exceptions		Excludes from the definition of a dam a barrier that does not impound water above the top of a levee where maximum storage behind the barrier has a minimum of 3 feet of freeboard on the levee and is a weir, as defined, with either mechanically or manually removable flashboards or gates.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA AB 643 (Wilson (D))	Climate Change: Short-Lived Climate Pollutants		Authorizes a local jurisdiction to include organic material used as a beneficial agricultural amendment towards its recovered organic waste procurement target if the material is processed at a facility authorized by the Department of Resources Recycling and Recovery using specified approved technologies, and if the material is licensed for end use as an agricultural fertilizer by the Department of Food and Agriculture.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
CA AB 660 (Wilson (D))	Planning and Zoning: Postentitlement Phase Permits		Provides that the Planning and Zoning Law requires a local agency to compile one or more lists that specify in detail the information required from any applicant for a postentitlement phase permit. Prohibits the local agency from requiring or requesting more than a specified number of plan check and specification reviews in connection with an application for a building permit, as part of its review. Relates to determinations about whether housing development project applications are compliant.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
CA AB 670 (Quirk-Silva (D))	Planning and zoning: Housing Element		Relates to existing law which requires a planning agency among other things, to provide by April 1 of each year an annual report to specified entities that includes prescribed information, including the number of housing development applications received in the prior year. Requires specified information to be included in the report, including additional information regarding	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.

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			units of new housing, the units of housing demolished, and a report on replacement housing units.	
CA AB 672 (Caloza (D))	Public Employment: Notifications		Requires a plaintiff or petitioner filing a civil action seeking injunctive relief against a strike, work stoppage, or other labor action by public employees whose labor relations are regulated by PERB, if PERB is not a party to the action, to serve a copy of the petition or complaint by electronic mail on the general counsel of PERB, in accordance with certain procedures.	03/19/2025: From ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT: Do pass to Committee on JUDICIARY.
CA AB 683 (Davies (R))	Business Entities: Secretary of State		Requires a qualified entity, as defined, to submit certain business information concerning the qualified entity to the Secretary of State, in the form and manner as required by the Secretary of State. Defines a qualified entity for these purposes to mean a corporation, foreign corporation, limited partnership, general partnership, limited liability company, foreign limited liability company, or trust.	03/28/2025: To ASSEMBLY Committee on BANKING AND FINANCE.
CA AB 692 (Kalra (D))	Employment: Contracts in Restraint of Trade		Authorizes the Labor Commissioner to enforce provisions related to a contract restraining a lawful profession, trade, or business. Authorizes a person, including a local government or a worker representative, to bring a civil action on behalf of the person or other persons similarly situated to establish liability against an employer. Provides that a person who violates these provisions is liable for specified civil penalties and relief.	03/27/2025: In ASSEMBLY. Coauthors revised.
CA AB 699 (Stefani (D))	Elections: Local Bond Measures: Tax Rate Statement		Authorizes local governments to transmit the tax rate statement electronically.	03/03/2025: To ASSEMBLY Committee on ELECTIONS.
CA AB 709 (Gonzalez Je (R))	Sustainable Groundwater Management Act		Provides that nothing in the Sustainable Groundwater Management Act relating to making submissions to the Department of Water Resources shall be construed to prohibit groundwater sustainability agencies that have developed multiple groundwater sustainability plans for a basin from amending the	03/03/2025: To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.

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			coordination agreement following department issuance of an assessment of the plans.	
CA AB 717 (Aguiar-Curry (D))	Water Rights: Appropriation: Small Restoration Use		Provides that the Water Rights Permitting Reform Act of 1988 authorizes any person to obtain a right to appropriate water for a small domestic, small irrigation, or livestock stockpond use, upon registering the use with the State Water Resources Control Board. Authorizes any person to also obtain a right to appropriate water for a small restoration use. Authorizes a person to apply for a restoration management permit from the Department of Fish and Wildlife.	03/10/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
CA AB 719 (Calderon (D))	County Emergency Plans		Requires each county to review and update its emergency plan at least every 2 years.	03/03/2025: To ASSEMBLY Committee on EMERGENCY MANAGEMENT.
CA AB 726 (Avila Farias (D))	Planning and Zoning: Annual Report: Rehabilitated Units		Permits a local agency to include in its annual report the number of units of existing deed-restricted affordable housing within a specified affordability threshold that are at least specified number of years old and have been substantially rehabilitated with at least sixty thousand dollars per unit in funds awarded from the city or county. Prohibits any of the units included in the annual report from being considered when determining affordability requirements for the purposes of eligibility for approvals.	03/26/2025: From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Do pass to Committee on LOCAL GOVERNMENT.
CA AB 734 (Schultz (D))	Environmental Protection: Biological Resources		Requires any biological resources data, as defined, submitted to a regional, local, or state public agency to be posted on that public agency's internet website and made publicly available within 2 weeks of submission to the public agency.	03/28/2025: To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
CA AB 737 (Quirk-Silva (D))	Energy: Building Decarbonization: Notice		Adds gas corporations to the definition of energy supplier for purposes of provisions related to the recorded notice of decarbonization charge.	03/03/2025: To ASSEMBLY Committee on UTILITIES AND ENERGY.

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CA AB 773 (Dixon (R))	Marine Resources: Copper-Based Antifouling Paint		Requires the State Water Resources Control Board, regional water quality control boards, and the Department of Pesticide Regulation to suspend enforcement of their regulations relating to copper-based antifouling paint until certain requirements are satisfied, including that the board and the department collaborate to determine the best methods to regulate the use of copper-based antifouling paint within the state.	03/03/2025: To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 775 (Fong M (D))	Behested Payments: Reporting		Provides that existing law requires certain behested payment reports to be filed by the behesting officer or member of the Public Utilities Commission with the officer's or member's agency. Requires these reports to be filed using the commission's electronic filing system for behested payment reports. Requires the filing system to issue an electronic confirmation to the filer immediately upon receipt of the report.	03/27/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA AB 778 (Chen (R))	Local Agency Public Construction Act: Internet		Requires a local agency that maintains an internet website to post on its internet website specified information regarding payments for construction contracts. Exempts from specified provisions construction contracts valued below a specified amount. Prohibits a local agency that fails to comply with these provisions from withholding any retention proceeds from any remaining payment.	03/03/2025: To ASSEMBLY Committee on LOCAL GOVERNMENT.
CA AB 782 (Quirk-Silva (D))	Subdivision Map Act: Security		Prohibits a local agency from requiring the furnishing of security in connection with the performance of any act or agreement related to an improvement that will be privately owned and maintained, and from conditioning the subdivision or any approval necessary for the development or construction of the project as a whole on the furnishing of that security related to an improvement that will be privately owned and maintained.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
CA AB 783 (Caloza (D))	Public Contracts: Construction Materials: Disaster		Authorizes the Department of General Services to negotiate and enter into contracts on a bid or negotiated basis for construction materials commonly used in residential structures that may	03/10/2025: To ASSEMBLY Committees on GOVERNMENTAL

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			include price discounts, rebates, refunds, or other strategies aimed at lowering the cost of these materials. Requires that these materials be offered at cost or with minimal administrative fees added to homeowners, contractors, nonprofit organizations, and local governments in any area affected by a state of emergency.	ORGANIZATION and EMERGENCY MANAGEMENT.
CA AB 794 (Gabriel (D))	California Safe Drinking Water Act: Regulations	Watch	Provides that the authority of the State Water Resources Control Board to adopt an emergency regulation pursuant to these provisions includes the authority to adopt requirements of a specified federal regulation that was in effect on January 19, 2025, regardless of whether the requirements were repealed or amended to be less stringent. Prohibits an emergency regulation adopted pursuant to these provisions from implementing less stringent drinking water standards.	03/03/2025: To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 808 (Addis (D))	Campaign Statements and Other Reports: Submission		Provides that the Political Reform Act of 1974 authorizes specified campaign disclosure reports and statements of financial interest to be filed by fax, and authorizes other reports to be filed by various means, including personal delivery, guaranteed overnight delivery, facsimile transmission, and online transmission. Eliminates the option to file various statements and reports by facsimile transmission. Clarifies requirements to file a campaign statement or report disclosing an independent expenditure.	03/18/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
CA AB 810 (Irwin (D))	Local Government: Internet Websites and Email Addresses	Seek Amendments	Provides that existing law requires that a local agency that maintains public email addresses to ensure that each email address provided to its employees uses a .gov domain name or a .ca.gov domain name. Expands the definition of local agency to include a special district, school district, joint powers authority, or other political subdivision. Allows a community college district or community college to use a .edu domain to satisfy these requirements.	03/27/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 816 (Flora (R))	Employment: Employees and Independent Contractors		Provides that existing law requires the ABC test to determine if workers are employees or independent contractors for purposes of the Labor Code, the Unemployment Insurance Code, and the wage orders of the Industrial Welfare Commission. Creates an exemption from the ABC test for a merchandiser contracting with a bona fide business or hiring entity to provide stand alone in store inventory and product placement labor or services on behalf of retailers and brands in the consumer packaged goods industry.	03/13/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LABOR AND EMPLOYMENT.
CA AB 818 (Avila Farias (D))	Permit Streamlining Act: Local Emergencies		Prohibits, during the period of a local emergency, a local agency from denying an application for a permit necessary to rebuild or repair a residential property affected by a natural disaster unless the permit would result in the property being deemed a substandard building. Requires the local agency to approve or disapprove that application within specified number of days of receipt of the application, and would require other expedited approvals.	03/10/2025: To ASSEMBLY Committees on LOCAL GOVERNMENT and HOUSING AND COMMUNITY DEVELOPMENT.
CA AB 823 (Boerner (D))	Solid Waste: Plastic Microbeads		Prohibits a person from selling, distributing, or offering for promotional purposes in this state a cleaning product or a personal care product in a rinse-off product, containing one ppm or more by weight of plastic microbeads that are used as an abrasive.	03/10/2025: To ASSEMBLY Committees on NATURAL RESOURCES and ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 827 (Berman (D))	Voting: Signature Verification		Requires an elections official who receives a completed unsigned identification statement that is not timely submitted to compare the signatures and, if the signatures compare, add the signature to the voter's registration record for use in future elections.	03/03/2025: To ASSEMBLY Committee on ELECTIONS.
CA AB 830 (Rogers (D))	State Highways: Encroachment Permits: Relocating		Requires the Department of Transportation to bear the sole expense of relocating or removing the public utility district's encroachment in the event a future improvement of the highway necessitates the relocation or removal of the encroachment.	03/10/2025: To ASSEMBLY Committee on TRANSPORTATION.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 845 (Arambula (D))	Employment: Heat Illness Prevention		Declares the intent of the Legislature to enact legislation that would ensure that workers know their rights and are prepared to protect themselves during extreme heat-related events.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LABOR AND EMPLOYMENT.
CA AB 846 (Connolly (D))	Endangered Species: Incidental Take: Wildfire		Requires the Department of Fish and Wildlife, in consultation with the Office of the State Fire Marshal, and using existing data and information collected by the department and the office, to develop maps identifying critical habitats within specified fire hazard severity zones, and to update the maps at least once every specified number of years thereafter. Requires the maps to be made available to a city, county, city and county, special district, or other local agency.	03/27/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
CA AB 854 (Petrie-Norris (D))	California Environmental Quality Act: Exemption		Provides that the California Environmental Quality Act exempts from its requirements a residential project on an urbanized infill site that meets certain requirements, including that the site of the project is not more than a specified number of acres in total area. Expands the exemption by increasing the size of a residential project that would qualify for the exemption to include a project of not more than a specified number of acres in total area.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
CA AB 858 (Lee (D))	Employment: Rehiring and Retention: Displaced Workers		Redefines laid-off employee, for purposes of provisions requiring employers to offer positions to laid-off employees, to mean an employee who was employed by the employer for 6 months or more and whose most recent separation from active employment by the employer occurred on or after specified date, and was due to a reason related to a natural disaster.	03/03/2025: To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
CA AB 859 (Macedo (R))	Civil Procedure: Recovery of Defense Costs		Relates to existing law whereby if the court determines that the proceeding was not brought in good faith or with reasonable cause, existing law requires the court to decide the reasonable and necessary defense costs incurred by party opposing the proceeding and to render judgment in favor of that party. Expands	03/03/2025: To ASSEMBLY Committee on JUDICIARY.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			this provision to apply to a demurrer brought by a defendant or cross-defendant.	
CA AB 863 (Kalra (D))	Residential Rental Properties: Language Requirements		Requires landlords to provide notices to terminate leases and complaints in specified civil actions in Spanish, Chinese, Tagalog, Vietnamese, or Korean, as well as in English, if the lease was originally negotiated in one of those non-English languages or if the landlord has reason to believe that Spanish, Chinese, Tagalog, Vietnamese, or Korean is the tenant's primary language. Requires summonses in specified civil cases to be in certain languages.	03/25/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
CA AB 872 (Rubio (D))	Environmental Health: Product Safety: Perfluoroalkyl		Prohibits a person from distributing, selling, or offering for sale a covered product that contains intentionally added PFAS, unless the Department of Toxic Substances Control has made a determination that the use of PFAS in the product is a currently unavoidable use or the prohibition is preempted by federal law. Specifies the criteria and procedures for determining whether the use of PFAS in a product is a currently unavoidable use.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 874 (Avila Farias (D))	Mitigation Fee Act: Waiver of Fees		Requires a local agency to waive fees or charges that are collected by a local agency to fund the construction of public improvements or facilities for residential developments subject to a regulatory agreement with a public entity, as provided, that includes certain income and affordability requirements. Excludes from this requirement those fees or charges, as applicable, for the construction or reconstruction of school facilities.	03/10/2025: To ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT.
CA AB 883 (Lowenthal (D))	California Public Records Act: Personal Information		Provides that the State Public Records Act makes it a misdemeanor for a person to knowingly post the home address or telephone number of any elected or appointed official, or of the official's residing spouse or child, on the internet, knowing that person is an elected or appointed official and intending to cause imminent great bodily harm or threatening to cause imminent	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			great bodily harm. Prohibits the disclosure of protected information under those provisions.	
CA AB 889 (Hadwick (R))	Prevailing Wage: Per Diem Wages		Authorizes an employer to take full credit for the hourly amounts contributed to defined contribution pension plans that provide for both immediate participation and immediate vesting even if the employer contributes at a lower rate or does not make contributions to private construction. Requires the employer to prove that the credit for employer payments was calculated properly.	03/03/2025: To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
CA AB 893 (Fong M (D))	Housing Development Projects: Objective Standards		Expands the eligibility for the streamlined, ministerial approval under the Affordable Housing and High Road Jobs Act to include developments located in a campus development zone as long as the development meets certain affordability requirements and objective standards.	03/10/2025: To ASSEMBLY Committees on HOUSING AND COMMUNITY DEVELOPMENT and LOCAL GOVERNMENT.
CA AB 897 (DeMaio (R))	Real Property: Unlawful Detainer		States the intent of the Legislature to enact subsequent legislation protecting property rights and removing squatters from leased properties.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on PUBLIC SAFETY.
CA AB 900 (Papan (D))	Environmental Protection: 30x30 Goals: Conservation		Provides that existing law provides that it is the goal of the State to conserve at least a specified percent of the State's lands and coastal waters by 2030, known as the 30x30 goal. Requires the Natural Resources Agency to update the Pathways to 30x30 Report, and for the update to include, among other things, recommendations to increase science based management and stewardship of 30x30 lands, including innovative ways to reduce barriers and increase federal, State, and local support.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
CA AB 905 (Pacheco (D))	Public Bodies: General Obligation Bonds: Disclosure		Requires the governing body of a public body, for general obligation bonds approved by voters on and after January 1, 2026, to develop and publicly disclose, within 90 days after approval by	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			the voters, specified information about the objectives of the bond expenditure and related data.	
CA AB 914 (Garcia Ro (D))	Air Pollution: Indirect Sources: Toxic Air Contaminants		Requires the State Air Resources Board to adopt and enforce rules and regulations applicable to indirect sources of emissions. Requires, if the State Board elects to exercise that authority, the State Board to establish a schedule of fees on facilities and mobile sources to cover the reasonable costs of implementing and enforcing the regulations and requires the fees to be deposited in the Air Pollution Control Fund and made available to the State Board upon appropriation by the Legislature.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
CA AB 920 (Caloza (D))	Permit Streamlining Act: Housing Development Projects		Relates to the Permit Streamlining Act. Requires a city or county with a population of a specified number of people or more that has an internet website to make a centralized application portal available on its website to an applicant for a housing development project. Requires the centralized application portal to allow for tracking the status of an application.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
CA AB 921 (Castillo (R))	Generators: Air Pollution Regulations: Tax Credits		Exempts from specified regulations and other regulations adopted by the State Air Resources Board the sale and purchase of portable or emergency backup generators during the period of time for which the Governor has proclaimed a state of emergency based on an emergency resulting in a loss of electrical service to any part of the state.	03/10/2025: To ASSEMBLY Committees on NATURAL RESOURCES and REVENUE AND TAXATION.
CA AB 924 (Davies (R))	Leases: Termination of Tenancy: Abuse or Violence		Requires a landlord to pay a calculated share of the security deposit, as provided, to the tenant who terminated tenancy according to the specified provisions if there are multiple tenants on the lease and a tenant states in their written notice that they are terminating tenancy because another tenant committed the specified crime.	03/03/2025: To ASSEMBLY Committee on JUDICIARY.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 930 (Ward (D))	Elections: Domicile		Makes nonsubstantive changes to definitions of the term domicile for elections purposes.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
CA AB 940 (Wicks (D))	Quantum Innovation Zones		Authorizes the establishment of a Quantum Innovation Zone by a specified number or more cities and counties upon the adoption of a resolution by the legislative body of each city and county that states the intent of the city or county to participate in the Quantum Innovation Zone. Requires a Quantum Innovation Zone to be governed by a board of directors with a specified membership. Tasks a Quantum Innovation Zone with various duties. Requires a zone to create and maintain a website.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ECON. DEV., GROWTH, & HOUSEHOLD IMPACT.
CA AB 945 (Fong M (D))	Density Bonus Law: Incentives and Concessions: Housing		Requires a city or county to grant additional incentives or concessions when an applicant proposes to construct a green housing development, as defined. Requires that the number of incentives or concessions granted initially be set to 3. Requires the Department of Housing and Community Development (HCD), as specified, to evaluate and report on the number and type of units and developments entitled, permitted, and constructed pursuant to these provisions.	03/10/2025: To ASSEMBLY Committee on LOCAL GOVERNMENT.
CA AB 950 (Solache (D))	Political Reform Act of 1974: Print Advertisements		Prohibits the disclosure in print advertisements from exceeding 5 percent of the total copy area of the advertisement for larger printed advertisements. Allows larger printed advertisements to satisfy the disclosure requirements by including a reference to an internet website where all of the information required to be disclosed.	03/10/2025: To ASSEMBLY Committee on ELECTIONS.
CA AB 956 (Quirk-Silva (D))	Accessory Dwelling Units: Ministerial Approval		Provides that the Planning and Zoning Law provided for the creation by local ordinance, or by ministerial approval if a local agency has not adopted an ordinance, of accessory dwelling units in areas zoned for single family or multifamily dwelling residential use in accordance with specified standards and conditions. Increases the number of detached, new construction,	03/17/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on HOUSING AND COMMUNITY DEVELOPMENT.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			accessory dwelling units that a local agency is required to ministerially approve on lots with a proposed or existing single family dwelling.	
CA AB 961 (Avila Farias (D))	Hazardous Materials: California Land Reuse Act		Extends the repeal date of the California Land Reuse and Revitalization Act of 2004 to specified date, and would provide that a person who qualifies for immunity under the act before specified date, shall continue to have that immunity on and after specified date, if the person continues to be in compliance with the requirements of the former act.	03/25/2025: From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS: Do pass to Committee on APPROPRIATIONS.
CA AB 963 (Petrie-Norris (D))	Public Works: Prevailing Wages: Access to Records		Requires an owner or developer undertaking any public works project to make specified records available upon request to the Division of Labor Standards Enforcement, to multiemployer Taft-Hartley trust funds, and to joint labor-management committees, as specified. Applies this requirement to an owner or developer that undertakes a development project that includes work subject to the requirements of public works.	03/10/2025: To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
CA AB 964 (Hadwick (R))	Commission on State Mandates: State Mandates		Provides that existing law establishes procedures for implementing the requirement that the State reimburse local agencies and school districts for certain costs. Provides that existing law makes a reimbursement claim filed by a local agency or school district subject to an audit by the Controller. Requires the Controller to allow a local agency or school district, at the sole discretion of the agency or district, to offset any reduced reimbursement or to remit funds to the Controller.	03/27/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
CA AB 975 (Gallagher (R))	Environmental Quality Act: Lake and Streambed		Provides that existing law prescribes various requirements for lake and streambed alteration agreements. Exempts emergency projects undertaken, carried out, or approved by a State or local government agency to maintain, repair, restore, or reconstruct a bridge a specified number of feet long or less or reconstruct a culvert a specified number of feet long or less, that has been damaged as a result of fire, flood, storm, earthquake, land	03/18/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			subsidence, gradual earth movement, or landslide, within one year.	
CA AB 977 (Ramos (D))	California Native American Graves Protection Act		Requires, as part of the California Native American Graves Protection and Repatriation Act of 2001, the California State University, in consultation with tribes, to develop a policy to identify available California State University-owned land for the burial of Native American human remains and designate 3 burial sites statewide.	03/17/2025: To ASSEMBLY Committee on HIGHER EDUCATION.
CA AB 986 (Muratsuchi (D))	State of Emergency and Local Emergency: Landslides		Provides that the State Emergency Services Act authorizes the Governor to declare a state of emergency when specified conditions of disaster or extreme peril to the safety of persons and property exist. Provides that existing law defines 3 conditions or degrees of emergency for purposes of these provisions. Includes a landslide and preexisting conditions exacerbated by climate change among those conditions constituting a state of emergency or local emergency.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on EMERGENCY MANAGEMENT.
CA AB 990 (Hadwick (R))	Public Water Systems: Emergency Notification Plan		Authorizes and encourages a public water system to provide notification to water users in their preferred language when updating the emergency notification plan, if resources are available.	03/10/2025: To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 1001 (Rubio (D))	Drought		Makes a nonsubstantive change to existing law which authorizes an implementing agency to provide advance payment of up to 25% of grant funds awarded to public agencies, nonprofit organizations, public utilities, mobilehome parks, mutual water companies, farmers and ranchers, federally recognized California Native American tribes, nonfederally recognized Native American tribes on the contact list maintained by the Native American Heritage Commission for specified purposes.	02/20/2025: INTRODUCED.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 1003 (Calderon (D))	Public Health: Emergency Plans: Wildfire Smoke		Creates the Wildfire Smoke Research and Education Fund in the General Fund. Provides that moneys in the fund shall, upon appropriation by the Legislature, be distributed for research on the short-term and long-term adverse health effects of exposure to wildfire smoke, the burned remains after a wildfire, and the fire-retardant materials used in battling a wildfire.	03/10/2025: To ASSEMBLY Committees on HEALTH and EMERGENCY MANAGEMENT.
CA AB 1004 (Wallis (R))	District Organization Law		Makes a nonsubstantive change to a provision of the District Organization Law.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
CA AB 1007 (Rubio (D))	Land Use: Development Project Review		Provides that the Permit Streamlining Act requires a public agency, other than the State Coastal Commission, that is a responsible agency for specified development projects to approve or disapprove the project within a specified number of days. Reduces the time period that a responsible agency is required to approve or disapprove a project.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
CA AB 1015 (Patel (D))	Discrimination and Harassment Prevention Training		Authorizes an employer to satisfy the discrimination and harassment prevention training requirements by demonstrating that the employee possesses a certificate of completion within the past 2 years.	03/10/2025: To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
CA AB 1017 (Boerner (D))	Public Utilities: Electrical and Gas Corporations		Requires electrical or gas corporations, in a report required to be submitted annually to the Public Utilities Commission, to include in the report the capacity of its electrical or gas distribution system, respectively.	03/10/2025: To ASSEMBLY Committee on UTILITIES AND ENERGY.
CA AB 1018 (Bauer-Kahan (D))	Automated Decision Systems		Regulates the development and deployment of an automated decision system (ADS) used to make consequential decisions, as defined. Defines automated decision system to mean a computational process derived from machine learning, statistical modeling, data analytics, or artificial intelligence that issues simplified output, including a score, classification, or	03/10/2025: To ASSEMBLY Committees on PRIVACY AND CONSUMER PROTECTION and JUDICIARY.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			recommendation, that is used to assist or replace human discretionary decision making.	
CA AB 1020 (Schiavo (D))	Public Utilities: Energy: Nontraditional Funding		Provides that existing law requires electrical corporations and gas corporations to submit various information to the Public Utilities Commission. Provides that existing law requires the commission to report to the Legislature on all sources and amounts of funding and actual and proposed expenditures, including any costs to ratepayers. Requires each utility to report certain information for any nontraditional funding that the utility has applied for or received.	03/10/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY.
CA AB 1021 (Wicks (D))	Housing: Local Educational Agencies		Revises and recasts the provisions deeming a housing development project an allowable use on any real property owned by a local educational agency. Requires the housing development to satisfy specified conditions and would apply the specified procedural requirements of the Housing Accountability Act to review of housing development projects subject to these provisions.	03/24/2025: To ASSEMBLY Committees on HOUSING AND COMMUNITY DEVELOPMENT and LOCAL GOVERNMENT.
CA AB 1026 (Wilson (D))	Planning and Zoning: Housing Development Projects		Provides that existing law relating to housing development approval requires a local agency to, among other things, compile a list of information needed to approve or deny a postentitlement phase permit. Modifies the definition of local agency to include any electrical corporation. Requires these entities to comply with specified requirements relating to postentitlement phase permits. Modifies the definition of postentitlement phase permit.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on HOUSING AND COMMUNITY DEVELOPMENT.
CA AB 1029 (Valencia (D))	Statements of Financial interest: Digital Financial		Expands the definition of investment for purposes of the Political Reform Act of 1974 to include a digital financial asset. Requires public officials to disclose interests in their digital financial assets. Requires an agency's conflict of interest code to require	03/20/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			designated employees to disclose interests in digital financial assets.	
CA AB 1033 (Lackey (R))	Eminent Domain: Final Offer of Compensation		Makes technical, nonsubstantive changes to existing law governing settlement offers in eminent domain proceedings.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
CA AB 1040 (Essayli (R))	Elections: Residency: Displacement by Disaster		Provides that a person who leaves their home for temporary purposes because of a natural disaster, and who intends to return to that home or to another address within the same jurisdiction, does not lose their domicile at that home.	03/10/2025: To ASSEMBLY Committee on ELECTIONS.
CA AB 1043 (Wicks (D))	Privacy		Relates to privacy. Provides that existing law also declares that the increasing use of computers and other sophisticated information technology has greatly magnified the potential risk to individual privacy that can occur from the maintenance of personal information.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on PRIVACY AND CONSUMER PROTECTION.
CA AB 1044 (Macedo (R))	Tulare Basin Groundwater Sustainability Agency Act		Relates to the Tulare Basin Groundwater Sustainability Agency Act. Requires the agency to elect to be a groundwater sustainability agency under the Sustainable Groundwater Management Act for that portion of the Tule Subbasin that lies within the boundaries of the agency and would require the agency to develop and implement a groundwater sustainability plan to achieve sustainable groundwater management within the territory of the agency.	03/10/2025: To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and LOCAL GOVERNMENT.
CA AB 1046 (Bains (D))	Short Lived Climate Pollutants: Recovered Organic Waste		Provides that existing law requires the Department of Resources Recycling and Recovery, in consultation with the State Air Resources Board, to adopt regulations to achieve organic waste reduction goals. Provides that such regulations, among other things, require a commercial edible food generator to have a contract or written agreement with a food recovery organization.	03/27/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			Exempts a food processing establishment that historically has not disposed of organic waste to a landfill from these requirements.	
CA AB 1050 (Schultz (D))	Unlawfully Restrictive Covenants: Housing Developments		Provides that existing law provides that specified recorded covenants, conditions, restrictions, or private limits on the use of land contained in specified instruments affecting the transfer or sale of any interest in real property are not enforceable against the owner of an affordable housing development. Makes these provisions applicable to covenants, conditions, restrictions, or private limits contained in a reciprocal easement agreement.	03/27/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA AB 1054 (Gipson (D))	Public Employees Retirement: Deferred Retirement Option		Establishes the Deferred Retirement Option Program as a voluntary program within the Public Employees Retirement System for employees of State Bargaining Units 5 (Highway Patrol) and 8 (Firefighters). Requires these State bargaining units to bargain with the Department of Human Resources to implement the program. Requires the program to result in a cost savings or be cost neutral. Requires the department to work with the Board of PERS to develop the program.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on PUBLIC EMPLOYMENT AND RETIREMENT.
CA AB 1060 (Avila Farias (D))	Local Government: Legal Fee Disclosures		Requires all invoices for work by the city attorney, or by any other attorney who is seeking, or has sought, compensation from a city, to be made available, without redaction, to each member of the city council promptly upon that member's request. Requires a member of the city council who receives an invoice to maintain the confidentiality of any confidential information contained in the invoice.	03/10/2025: To ASSEMBLY Committees on LOCAL GOVERNMENT and JUDICIARY.
CA AB 1061 (Quirk-Silva (D))	Housing Developments: Urban Lot Splits		Requires a local agency to consider ministerially a proposed housing development or ministerially approve an urban lot split if the development or proposed urban lot split is not located within a historic landmark property included on the State Historical	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			Resources Inventory or within a site that is designated or listed as a city or county landmark pursuant to a city or county ordinance.	
CA AB 1067 (Quirk-Silva (D))	Public Employees Retirement: Felony Convictions		Specifies that if a felony conviction results arising out of any conduct, the public employee would forfeit all accrued rights and benefits in any public retirement system.	02/20/2025: INTRODUCED.
CA AB 1072 (Pellerin (D))	Elections: Ballot Mistakes		Requires the Secretary of State, in consultation with county elections officials, to develop uniform standards and guidelines for a voter to correct mistakes made on the voter's ballot. Authorizes the Secretary of State to adopt regulations to ensure uniform application of the standards and guidelines.	03/10/2025: To ASSEMBLY Committee on ELECTIONS.
CA AB 1075 (Bryan (D))	Fire Protection: Privately Contracted Firefighters		Requires the Office of Emergency Services to develop regulations prohibiting privately contracted firefighters from hooking up their equipment to public water sources.	03/10/2025: To ASSEMBLY Committees on EMERGENCY MANAGEMENT and NATURAL RESOURCES.
CA AB 1083 (Connolly (D))	Natural Resources: Agricultural Protection Program		Establishes the Agricultural Protection Planning Grant Program within the Department of Conservation. States that the purpose of the grant program is to assist any local government entity, nonprofit organization, authority, or joint powers authority to apply for, and cost-effectively use, grant funds available for farmland, grazing lands, and grasslands protection and preservation.	02/20/2025: INTRODUCED.
CA AB 1096 (Connolly (D))	Mutual Water Companies: Board Members: Training		Requires a board member of a mutual water company to provide proof of completion of training regarding the duties of board members to the State Water Resources Control Board no later than 30 days after completing the training.	03/10/2025: To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 1102 (Boerner (D))	Development Projects: Sea Level Rise		Requires a proponent of a new development to complete a sea level rise and groundwater rise risk assessment as part of the application to a public agency if the proposed development will	03/28/2025: To ASSEMBLY Committees on HOUSING AND COMMUNITY DEVELOPMENT and

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			be within 1,000 feet of a contaminated site, as provided, and will be within an area vulnerable to groundwater rise or sea level rise.	ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 1106 (Rodriguez Mi (D))	State Air Resources Board: Regional Air Quality		Requires the State Air Resources Board to expand its incident air monitoring program, subject to an appropriation by the Legislature for those purposes, to provide support for a regional network of air quality incident response centers operated by air districts, including at least one located in the South Coast Air Quality Management District, in order to facilitate emergency air monitoring response at the local and regional level.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
CA AB 1109 (Kalra (D))	Evidentiary Privileges: Union Agent-Represented		Establishes a privilege between a union agent and a represented employee or represented former employee to refuse to disclose any confidential communication between the employee or former employee and the union agent made while the union agent was acting in the union agent's representative capacity, except as specified. Permits a represented employee or represented former employee to prevent another person from disclosing a privileged communication.	03/13/2025: To ASSEMBLY Committee on JUDICIARY.
CA AB 1139 (Rogers (D))	California Environmental Quality Act: Exemption		Relates to the California Environmental Quality Act. Relates to exemption. Relates to public access. Relates to nonmotorized recreation. Extends the specified exemption to a lead agency that is a county department.	03/10/2025: To ASSEMBLY Committees on NATURAL RESOURCES and WATER, PARKS AND WILDLIFE.
CA AB 1146 (Papan (D))	Water Infrastructure: Dams and Reservoirs		Relates to the regulation and supervision of dams and reservoirs. Prohibits the release of stored water from a reservoir in the State if the release is done under false pretenses, defined as a release of water from a reservoir in a manner that is knowingly and designedly under any false or fraudulent representation or assumption as to the purpose and intended use of the water. Authorizes the State Water Resources Control Board to issue an interim relief order to prohibit the release of stored water.	03/17/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.

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CA AB 1152 (Patterson J (R))	Development Projects: Permitting		Makes a nonsubstantive change provisions relative to Development projects.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on HOUSING AND COMMUNITY DEVELOPMENT.
CA AB 1159 (Addis (D))	Student Personal Information		Applies the provisions of the K-12 Pupil Online Personal Information Protection Act and the Early Learning Personal Information Protection Act to an operator of a website, online service, online application, or mobile application with actual knowledge that the site, service, or application is used for the applicable school purposes and was designed or marketed for those purposes. Enacts the Higher Education Student Information Protection Act. Authorizes a harmed student or pupil to bring a civil action.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on PRIVACY AND CONSUMER PROTECTION.
CA AB 1163 (Elhawary (D))	Employees: Workplace Violence Prevention Plans		Requires a workplace violence prevention plan covering employees of a school district, county office of education, charter school, or community college district, to cover education related topics, and to be in person and allow for questions to be asked and answered by a natural person in real time. Requires the training to occur before a new employee begins their duties and as soon as practicable, and then annually for all employees.	03/28/2025: To ASSEMBLY Committees on LABOR AND EMPLOYMENT and EDUCATION.
CA AB 1164 (Ransom (D))	Voter Bill of Rights		Requires the Voter Bill of Rights to inform voters that they have the right to receive a new ballot if they have lost, destroyed, not received, or cannot surrender their vote by mail ballot. Requires the Voter Bill of Rights to inform voters that they can request a replacement ballot from a polling place worker of the elections official in the county.	03/18/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
CA AB 1167 (Berman (D))	Electrical Corporations and Gas Corporations: Rate		Prohibits, with specified exceptions, an electrical corporation or gas corporation from recording various expenses associated with political influence activities or with promotional advertising to	03/25/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY.

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			accounts that contain expenses that the electrical corporation or gas corporation recovers from ratepayers.	
CA AB 1176 (Flora (R))	Energy: Renewable Energy Resources Program		Includes as a renewable electrical generation facility for purposes of the renewable energy resources program a facility that commenced initial commercial operation on January 1, 2005. Makes nonsubstantive changes.	03/13/2025: To ASSEMBLY Committees on UTILITIES AND ENERGY and NATURAL RESOURCES.
CA AB 1183 (Lowenthal (D))	Tenancy		Makes nonsubstantive changes to provisions regarding a landlord's duty to repair a dilapidation.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
CA AB 1191 (Tangipa (R))	Renewables Portfolio Standard Program: Hydro Generation		Revises the definition of an eligible renewable energy resource for the purposes of the State Renewables Portfolio Standard Program to include all hydroelectric generating facilities.	03/10/2025: To ASSEMBLY Committees on UTILITIES AND ENERGY and NATURAL RESOURCES.
CA AB 1198 (Haney (D))	Public Works: Prevailing Wages		Requires the that if the Director of Industrial Relations determines that there is a change in any prevailing rate of per diem wages in a locality, that determination applies to any public works contract that is awarded or for which notice to bidders is published after specified date. Authorizes any contractor, awarding body, or specified representative affected by a change in rates on a particular contract to file with the director a verified petition to review the determination.	03/10/2025: To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
CA AB 1203 (Ahrens (D))	Water Conservation: Water Wise Designation		Requires the Department of Water Resources and the Office of Community Partnerships and Strategic Communications to include, within the Save Our Water Campaign, a statewide water wise designation to be awarded to businesses in the commercial, industrial, and institutional water use sector that meet or exceed the recommendations for CII water use best management practices.	03/10/2025: To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 1206 (Harabedian (D))	Single Family and Multifamily Housing Units		Provides that existing law requires each local agency to develop a program for the preapproval of accessory dwelling unit plans. Requires each agency to develop a program for the preapproval of single family and multifamily residential housing plans. Requires an agency to approve or deny an application for a single family or multifamily unit if the lot meets certain conditions and the application utilizes certain plans preapproved within the current State Building Standards Code rulemaking cycle.	03/27/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
CA AB 1221 (Bryan (D))	Employment: Whistleblowers		Makes a nonsubstantive change to existing law prohibiting an employer from making, adopting, or enforcing any rule, regulation, or policy preventing an employee from disclosing information to a government or law enforcement agency, to a person with authority, or to another employee who has authority to investigate, discover, or correct the violation or noncompliance, if the employee has reasonable cause to believe that the information discloses a violation of law.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LABOR AND EMPLOYMENT.
CA AB 1226 (Essayli (R))	Air Quality: Wildland Vegetation Management Burning		Requires the State Air Resources Board to designate public fire protection agencies to oversee agricultural burning activities and to adopt rules and regulations to ensure those activities are conducted safely and effectively. Exempts wildland vegetation management burning from the specified permit requirement if that activity is conducted by, or under the supervision of, the applicable agency designated by the state board.	03/13/2025: To ASSEMBLY Committee on NATURAL RESOURCES.
CA AB 1227 (Essayli (R))	California Environmental Quality Act: Exemption		Exempts a wildfire prevention project from the requirements of the California Environmental Quality Act, with specified exceptions.	03/10/2025: To ASSEMBLY Committee on NATURAL RESOURCES.
CA AB 1232 (Avila Farias (D))	Administrative Procedure Act: Adverse Impact Assessment		Makes a nonsubstantive change to a provision of the Administrative Procedure Act which requires a state agency proposing to adopt, amend, or repeal any administrative regulation to assess the potential for adverse economic impact.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ECON. DEV.,

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
				GROWTH, & HOUSEHOLD IMPACT.
CA AB 1234 (Ortega (D))	Employment: Nonpayment of Wages: Complaints		Revises and recasts provisions relating to the process for the Labor Commissioner to investigate, hold a hearing, and make determinations relating to an employee's complaint. Sets forth timelines for the Labor Commissioner to notify parties of an employee complaint, and for the defendant to respond.	03/24/2025: In ASSEMBLY. Coauthors revised.
CA AB 1240 (Lee (D))	Single Family Residential Real Property: Corporate		Prohibits a business entity that has an interest in more than a specified number of single family residential properties from purchasing, acquiring, or otherwise obtaining an ownership interest in another single family residential property and subsequently leasing the property. Authorizes the Attorney General to bring a civil action for a violations.	03/25/2025: From ASSEMBLY Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
CA AB 1242 (Nguyen (D))	Language Access		Makes nonsubstantive changes to the provision naming the Dymally-Alatorre Bilingual Services Act, which requires every State agency directly involved in the furnishing of information or the rendering of services to the public where contact is made with a substantial number of non English speaking people to employ a sufficient number of qualified bilingual persons in public contact positions.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on HEALTH.
CA AB 1243 (Addis (D))	Polluters Pay Climate Superfund Act of 2025		Enacts the Polluters Pay Climate Superfund Act of 2025. Establishes the Polluters Pay Climate Superfund Program to be administered by the California Environmental Protection Agency to require fossil fuel polluters to pay their fair share of the damage caused by greenhouse gases released into the atmosphere during the covered period, defined as the time period between the 1990 and 2024 calendar years, inclusive, resulting from the extraction, production, refining, sale.	03/28/2025: To ASSEMBLY Committees on NATURAL RESOURCES and JUDICIARY.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 1248 (Haney (D))	Hiring of Real Property: Fees and Charges		Requires, for residential tenancies that began before the specified date, that a tenant only be obligated to pay rent, the specified fees and charges, any fees or charges that were charged at the start of the tenancy, with specified exceptions, and fees or charges for specified utilities, including the use of a ratio utility billing system that meets specified criteria.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
CA AB 1249 (Wilson (D))	Early Voting: Satellite Locations		Permits a voter using a vote by mail ballot, beginning a specified number of days before the day of an election, to vote the ballot at the office of the elections official or a satellite location. Requires, for a statewide election, if the county does not conduct an all mailed ballot election, the county to provide at least one early voting location on the Saturday before the day of the election that is open for at least a specified number of hours.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
CA AB 1250 (Papan (D))	State Air Resources Board: Regulation: Alternative Fuel		Declares, for purposes of any application, interpretation, or enforcement of any regulation adopted by the State Air Resources Board with respect to the use of auxiliary engines, main engines, and auxiliary boilers on an ocean going vessel, that specified alternative fuels are presumed to meet or exceed the performance specifications for the use of marine diesel oil or marine gas oil, or any other petroleum based fuel.	03/17/2025: To ASSEMBLY Committee on TRANSPORTATION.
CA AB 1259 (Essayli (R))	Vote by Mail Systems		Relates to vote by mail systems. Requires the Secretary of State to publish a report stating whether a system has been certified, conditionally approved, or denied certification publicly available within 60 days after the completion of an examination.	03/10/2025: To ASSEMBLY Committee on ELECTIONS.
CA AB 1260 (Ward (D))	Electricity: Renewable Energy Subscription Programs		Revises and recasts the requirements for the customer renewable energy subscription program to, among other things, specify that the avoided costs include certain avoided cost values.	03/10/2025: To ASSEMBLY Committee on UTILITIES AND ENERGY.
CA AB 1266 (Solache (D))	Administrative Procedure Act: Major Regulations		Makes a nonsubstantive change to the provision of the Administrative Procedure Act defining a major regulation.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 1284 (Assembly Emergency Management Committee)	Emergency Services: Catastrophic Plans		Requires the Office of Emergency Services (OES) to develop state recovery frameworks for California's catastrophic plans, as provided. Requires the governing body of a political subdivision, as defined, to develop regional recovery frameworks for California's catastrophic plans and would require OES to provide technical assistance in this regard.	03/10/2025: To ASSEMBLY Committee on EMERGENCY MANAGEMENT.
CA AB 1285 (Assembly Emergency Management Committee)	State Fire Marshal: Lithium-Ion Battery Facilities		Requires the State Fire Marshal, in consultation with the Office of Emergency Services, to develop fire prevention, response, and recovery measures for utility grade lithium ion battery storage facilities.	03/17/2025: To ASSEMBLY Committee on EMERGENCY MANAGEMENT.
CA AB 1286 (Boerner (D))	Political Reform Act of 1974: Prospective Employment		Relates to the Political Reform Act of 1974. Requires public officials to disclose arrangements for prospective employment according to specified deadlines. Requires public agency conflict of interest codes to include similar disclosure requirements for designated employees.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
CA AB 1295 (Patterson J (R))	Public Utilities: Billing Statements: Additional Costs		Requires each public utility to provide to its customers information on the additional costs that are attributable to State requirements or programs, including those imposed by statute, regulation, the commission, or the State Energy Resources Conservation and Development Commission.	03/10/2025: To ASSEMBLY Committee on UTILITIES AND ENERGY.
CA AB 1313 (Papan (D))	Water Quality: Permits		Requires the State Water Resources Control Board to establish a statewide commercial, industrial, and institutional national pollutant discharge elimination system order, for properties of a specified number of acres or more, regulating stormwater and authorized nonstormwater discharges from facilities with impervious surfaces that are significant contributors of pollutants to federally protected surface waters, as determined by the State Board.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 1319 (Schultz (D))	Protected Species: California Endangered Species Act		Provides that existing law makes it unlawful to take a bird, mammal, fish, reptile, or amphibian, with exceptions. Makes it unlawful for a person in the State to transport, sell, offer, possess with the intent to sell, receive, acquire, or purchase any fish, wildlife, or plant that was taken, possessed, transported, or sold in violation of any law, treaty, regulation, policy, or finding of the U.S. with regard to national or international trade of fish, wildlife, or plants in effect on the specified date.	03/20/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
CA AB 1331 (Elhawary (D))	Workplace Surveillance		Limits the use of workplace surveillance tools by employers, including by prohibiting an employer from monitoring or surveilling workers in private, off-duty areas and requiring workplace surveillance tools to be disabled during off duty hours. Subjects an employer who violates these provisions to a civil penalty and authorizes an employee and a public prosecutor to bring enforcement actions.	03/28/2025: To ASSEMBLY Committees on LABOR AND EMPLOYMENT, PRIVACY AND CONSUMER PROTECTION, and JUDICIARY.
CA AB 1337 (Ward (D))	Information Practices Act of 1977		Removes an exemption from provisions of the Information Practices Act of 1977 for local government. Requires specified rules established by the agency be consistent with applicable provisions of the State Administrative Manual and the State Information Management Manual.	03/17/2025: To ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION.
CA AB 1353 (Haney (D))	Affordable Housing		Makes nonsubstantive changes to provisions declaring that the Legislature has provided specified reforms and incentives to facilitate and expedite the construction of affordable housing.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on GOVERNMENTAL ORGANIZATION.
CA AB 1355 (Ward (D))	Location Privacy		Prohibits a covered entity from collecting or using the location information of an individual unless doing so is necessary to provide goods or services requested by that individual and the individual has expressly opted into the collection or use of their location information for that purpose. Imposes various other restrictions on covered entities with regard to location information.	03/13/2025: To ASSEMBLY Committees on PRIVACY AND CONSUMER PROTECTION and JUDICIARY.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 1358 (Valencia (D))	Santa Ana River Conservancy Program: Lower Santa Ana		Provides that existing law authorizes the State Coastal Conservancy to fund projects to implement site improvements, upgrade deteriorating facilities or construct new facilities for outdoor recreation, public access, nature appreciation, and historic and cultural preservation. Requires at least a specified percent of such funds to be for projects in heavily urbanized areas of the lower Santa Ana River region to benefit disadvantaged communities, severely disadvantaged communities or vulnerable populations.	03/13/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
CA AB 1359 (Ahrens (D))	Planning and Zoning: Permitted Use: Housing Forward		States the intent of the legislature to enact subsequent legislation that would authorize a housing forward jurisdiction, defined to mean a city, county, or city and county that is designated as a prohousing jurisdiction by HCD and has met or exceeded its regional housing needs allocation, to impose certain conditions on development projects.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on HOUSING AND COMMUNITY DEVELOPMENT.
CA AB 1367 (Gallagher (R))	The California Water Plan: Water Storage		Requires the Department of Water Resources to amend The California Water Plan to state that water storage is the preferred method to be used by the State to meet increased water demands by urban, agricultural, and environmental interests.	03/13/2025: To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
CA AB 1370 (Patterson J (R))	Political Reform Act of 1974: Nondisclosure Agreements		Prohibits Members of the Legislature from entering into, or requesting that another party enter into, a nondisclosure agreement relating to the drafting, negotiation, or discussion of proposed legislation. Makes any nondisclosure agreement relating to the drafting, negotiation, or discussion of proposed legislation entered into after the effective date of this bill void and unenforceable.	03/28/2025: To ASSEMBLY Committees on ELECTIONS and JUDICIARY.

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CA AB 1371 (Sharp-Collins (D))	Occupational Safety and Health: Employee Refusal		Allows an employee, acting in good faith, to refuse to perform a task assigned by an employer if it would violate safety standards or if the employee has a reasonable apprehension that the performance of the assigned task would result in injury or illness to the employee or other employees.	03/13/2025: To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
CA AB 1373 (Soria (D))	Water Quality: State Certification		Provides that the Porter Cologne Water Quality Control Act authorizes the State Water Resources Control Board to certify or provide a statement to a federal agency that there is reasonable assurance that an activity of any person subject to the jurisdiction of the board will not reduce water quality below applicable standards. Requires the board to hold a public hearing before taking action on an application for a certificate or statement.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
CA AB 1385 (Petrie-Norris (D))	Unlawfully Restrictive Covenants: Housing Developments		Provides that existing law makes specified recorded covenants on the use of land contained in instruments affecting the transfer or sale of any interest in real property unenforceable against the owner of an affordable housing development if an approved restrictive covenant document has been recorded in the public record. Applies similar provisions to an owner of a housing development, if it is located within a county that has experienced a major wildfire disaster occurring in the specified month and year.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
CA AB 1392 (Flora (R))	Employment: Documents		Relates to existing law which, in any instance in which an employer is required to physically post information, authorizes an employer to additionally distribute that information to employees by email with the documents attached. Authorizes an employer to additionally distribute that information to employees by mail.	03/13/2025: To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
CA AB 1395 (Harabedian (D))	Forestry: Internal Combustion Engines: Industrial		Relates to industrial operations located on or near any forest, brush, or grass-covered land. Requires a dedicated set of tools, including a sufficient number of fire extinguishers, to be located within the operating area and accessible in the event of a fire, so	03/17/2025: To ASSEMBLY Committee on NATURAL RESOURCES.

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			that, when added to any other tools on the industrial operation, each employee at the operation can be equipped to fight fire.	
CA AB 1404 (Ortega (D))	Electrical Corporations: Connections: Housing Projects		Requires an electrical corporation to connect an affordable housing project to the electrical distribution grid within 60 days, except as specified. Requires the Public Utilities Commission to streamline any necessary review on an affordable housing project that is ready to connect but sitting vacant and that has not been connected by an electrical corporation within the required 60 days.	03/13/2025: To ASSEMBLY Committee on UTILITIES AND ENERGY.
CA AB 1410 (Garcia Ro (D))	Public Utilities: Service Outages and Updates: Alerts		Requires each public utility to automatically enroll customers in alerts for service outages and updates. Requires customers to be provided with the opportunity to opt-out of any alerts the customer does not wish to receive, except as provided.	03/13/2025: To ASSEMBLY Committee on UTILITIES AND ENERGY.
CA AB 1411 (Sharp-Collins (D))	Voter Education and Outreach Plans		Requires counties that do not conduct an election as an all mailed ballot election to design and implement a voter education and outreach plan to identify and register qualified voters who are not registered to vote. Requires such plans to provide information to the public about specified topics, such as vote by mail procedures and options for military and overseas voters. Requires county elections officials to submit amendments to their plans to the Secretary of State.	03/18/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
CA AB 1413 (Papan (D))	Sustainable Groundwater Management Act: Groundwater		Provides that existing law authorizes a groundwater sustainability agency that adopts a groundwater sustainability plan to file a court action to determine the validity of the plan no sooner than a specified number of days following the adoption of the plan. Authorizes groundwater sustainability agencies to file those actions within a specified number of days. Prohibits the court, in	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.

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			those validation actions, from adjudicating certain matters delegated to the Department of Water Resources for evaluation.	
CA AB 1420 (Ta (R))	Surplus Land		Requires the report requiring each state agency, each year, to make a review of all proprietary state lands over which it has jurisdiction to determine what land is in excess of its foreseeable needs to include land that is not currently being utilized, or is currently being underutilized by the state agency for any ongoing state program regardless of whether the agency is currently prepared to dispose of the land by sale or otherwise.	03/17/2025: To ASSEMBLY Committee on GOVERNMENTAL ORGANIZATION.
CA AB 1436 (Avila Farias (D))	Biomethane Procurement Targets		Provides that existing law requires, if the Public Utilities Commission adopts specific biomethane procurement targets or goals for each gas corporation and core transport agent, the commission to ensure that the biomethane meets certain requirements. Requires that biomethane delivered through a common carrier pipeline meet either of the specified requirements. Adds the displacement of conventional natural gas that results in a reduction in greenhouse gas emissions as one of the environmental benefits.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY.
CA AB 1444 (Flora (R))	Publication: Newspapers of General Circulation		Requires any public notice that is legally required to be published in a newspaper of general circulation to be published in the newspaper's print publication, on the newspaper's internet website or electronic newspaper available on the internet, and on the statewide internet website maintained as a repository for notices by a majority of California newspapers of general circulation, as specified.	03/27/2025: In ASSEMBLY. Read second time. To third reading.
CA AB 1447 (Gipson (D))	Unclaimed Property: Notice		Relates to the Unclaimed Property Law. Provides that existing law requires the Controller to mail a notice to each person who appears to be entitled to property valued at a specified dollar amount or more and whose address is listed in a specified report	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.

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			or is obtained from the Franchise Tax Board. Provides that the notice need only be sent to an address listed in the report or obtained from the Franchise Tax Board when it is a valid deliverable address.	
CA AB 1452 (Ta (R))	State Mandates: Claims		Lowers the minimum claim amount that a local government can request under a state mandate to a specified sum.	03/13/2025: To ASSEMBLY Committee on LOCAL GOVERNMENT.
CA AB 1455 (Bryan (D))	California Environmental Quality Act		Requires the State Board of Forestry and Fire Protection to adopt regulations to implement defensible space requirements for an ember resistant zone required within a specified number of feet of a structure in a State responsibility area and a very high fire hazard severity zone. Requires the regulations to follow a specified rulemaking process and be adopted as emergency regulations.	03/24/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
CA AB 1456 (Bryan (D))	Environmental Quality Act: Vegetation Fuel Management		Exempts from CEQA a vegetation fuel management project, as defined, undertaken or funded by a public agency, or the adoption of an ordinance requiring the implementation of a vegetation fuel management project. Requires a lead agency that determines to carry out or approve an activity that is within the exemption to file a notice of exemption with the Office of Land Use and Climate Innovation.	03/13/2025: To ASSEMBLY Committee on NATURAL RESOURCES.
CA AB 1457 (Bryan (D))	Wildfires: Training Programs: Defensible Space		Requires the training program for individuals to support the Department of Forestry and Fire Protection to include training consistent with the Home Ignition Zone/Defensible Space Inspector course plan, established by the State Fire Marshal, to ensure that individuals are trained to conduct home ignition zone inspections.	03/17/2025: To ASSEMBLY Committees on NATURAL RESOURCES and EMERGENCY MANAGEMENT.
CA AB 1459	Hazardous Waste: Underground Storage Tanks		Provides that a generator that accumulates hazardous waste onsite is not a storage facility if a maximum of a specified number of	03/25/2025: From ASSEMBLY Committee on ENVIRONMENTAL

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(Assembly Environmental Safety and Toxic Materials Committee)			kilograms of hazardous waste is accumulated. Authorizes the consolidation of containers holding not more than a specified number of kilograms or a specified number of gallons of hazardous waste into a consolidation container.	SAFETY AND TOXIC MATERIALS: Do pass to Committee on APPROPRIATIONS.
CA AB 1466 (Hart (D))	Groundwater Adjudication: Burden of Proof		Provides that in any action to adjudicate groundwater rights, if a party to the action is seeking judicial review of an action taken by a groundwater sustainability agency pursuant to a groundwater sustainability plan that was adopted after January 30, 2020, that party has the burden of proof.	03/17/2025: To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and JUDICIARY.
CA AB 1467 (Hoover (R))	Residential Property Insurance: Tree Fire Risks		Exempts a residential property insurance policyholder from State and local laws, ordinances, fees, and fines associated with the removal of a tree if their insurer identifies the tree as a fire risk and the Department of Forestry and Fire Protection confirms that the tree is a fire risk.	03/13/2025: To ASSEMBLY Committee on INSURANCE.
CA AB 1469 (Hart (D))	Disaster Preparedness: Public Water Systems		Makes nonsubstantive changes to provisions of the California Emergency Services Act relating to public water systems.	02/21/2025: INTRODUCED.
CA AB 1480 (Valencia (D))	Local Agencies: Legislative Bodies		Makes a nonsubstantive change to the definition of the term legislative body for purposes of laws relating to cities, counties, and other local agencies.	03/28/2025: In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
CA AB 1492 (Flora (R))	Elections: Vote by Mail Voters		Makes a nonsubstantive change to existing law which defines a vote by mail voter.	02/21/2025: INTRODUCED.
CA AB 1499 (Essayli (R))	Vehicles: Accident Reports		Makes technical, nonsubstantive changes to existing law which requires the driver of a motor vehicle who is involved in an accident that results in damage to the property of a person in	02/21/2025: INTRODUCED.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			excess of a specified amount, or in death or bodily injury, to report the accident to the Department of Motor Vehicles within a specified number of days after the accident.	
CA ACA 1 (Valencia (D))	Public Finance		Relates to public finance. Changes the 1.5% required transfer to an undetermined percentage of the estimated amount of General Fund revenues for that fiscal year. Changes the 10% limit on the balance in the Budget Stabilization Account to 20% of the amount of the General Fund proceeds of taxes for the fiscal year estimate, as specified. Specifies that funds transferred under these provisions to the Budget Stabilization Account do not constitute appropriations subject to a specified appropriations limit.	12/02/2024: INTRODUCED.
CA ACA 7 (Jackson (D))	Government Preferences		Limits government preferences prohibitions specified in Proposition 209 to the operation of public employment, higher education enrollment, and public contracting.	02/13/2025: INTRODUCED.
CA ACR 36 (Wallis (R))	Special Districts Week	Support	Proclaims the week of May 18, 2025, to May 24, 2025, inclusive, to be Special Districts Week.	02/24/2025: To ASSEMBLY Committee on RULES.
CA SB 2 (Jones (R))	Low-Carbon Fuel Standard: Regulations		Voids specified amendments to the Low-Carbon Fuel Standard regulations adopted by the State Air Resources Board on the specified date, or as subsequently adopted.	03/19/2025: In SENATE Committee on ENVIRONMENTAL QUALITY: Reconsideration granted.
CA SB 3 (Cervantes (D))	Election Results		Requires an elections official to post updated information regarding the election on their website. Requires the date and time when it is expected that the next results will be posted to be on the homepage of an election officials website or on the stand alone webpage for the specific election on an election officials website. Specifies that posting a hyperlink to a separate file does not satisfy the requirements of these provisions.	03/13/2025: In SENATE. Read second time and amended. Re-referred to Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 5 (Cabaldon (D))	Infrastructure Financing Districts		Excludes the taxes levied upon a parcel of land enrolled in or subject to a Williamson Act contract or a farmland security zone contract from the allocation to the infrastructure financing district.	01/29/2025: To SENATE Committee on LOCAL GOVERNMENT.
CA SB 7 (McNerney (D))	Employment: Automated Decision Systems		Requires an employer, or a vendor engaged by the employer, to provide a written notice that an automated decision system, for the purpose of making employment related decisions, is in use at the workplace to all workers that will be directly or indirectly affected by the ADS. Requires the employer or vendor to maintain a list of all automated decision systems currently in use. Requires the notice to include the updated list.	03/19/2025: Re-referred to SENATE Committees on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT and JUDICIARY.
CA SB 9 (Arreguin (D))	Accessory Dwelling Units		Prohibits a local agency from imposing an owner-occupant requirement for a proposed or existing accessory dwelling unit whether or not the local agency has adopted a local ordinance.	01/29/2025: To SENATE Committees on HOUSING and LOCAL GOVERNMENT.
CA SB 11 (Ashby (D))	Artificial Intelligence Technology		Defines various terms related to artificial intelligence and synthetic content, and would clarify that use of such synthetic content is deemed to be a false personation for purposes of these and other criminal provisions.	01/29/2025: To SENATE Committee on JUDICIARY.
CA SB 21 (Durazo (D))	Single Room Occupancy Units: Demolition and Replacement		Provides that the Housing Crisis Act of 2019 prohibits an affected city or an affected county from approving a housing development project that will require the demolition of occupied or vacant protected units, unless specified requirements are met. Permits, in the case of a rehabilitation or replacement of an existing single room occupancy building that meets prescribed criteria, an affected city or county to reduce the number of replacement units required if the project meets specified requirements.	03/27/2025: Re-referred to SENATE Committee on RULES.
CA SB 31 (McNerney (D))	Water Quality: Recycled Water	Support	Provides that existing law regulating the use of recycled water prohibits the use of potable water for certain nonpotable uses. Adds common areas of a residential community irrigated by a homeowners association as prohibited uses of potable water.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			Provides that incidental amounts of spray, mist, or runoff are to be permitted to enter outdoor eating areas of parks and open spaces when irrigated with disinfected tertiary treated recycled water that complies with a specified regulation regarding irrigation.	
CA SB 39 (Weber (D))	Cosmetic Safety: Vaginal or Vulvar Products		Provides that existing law prohibits a person or entity from manufacturing, selling, delivering, holding, or offering for sale in commerce any cosmetic product that contains any of several specified intentionally added ingredients except under specified circumstances. Exempts vaginal or vulvar products from the prohibitions if specified conditions are met, including that a product has passed definitive third party placebo controlled double blind safety trials.	03/28/2025: In SENATE. Read third time, urgency clause adopted. Passed SENATE. *****To ASSEMBLY.
CA SB 42 (Umberg (D))	Political Reform Act of 1974: Public Campaign Financing		Permits a public officer or candidate to expend or accept public funds for the purpose of seeking elective office unless the funds are earmarked by a State or local entity for education, transportation, or public safety. Requires candidates to abide by specified expenditure limits and meet strict criteria to qualify for funds. Provides that existing law prohibits a foreign government or principal from making certain contributions and expenditures. Provides that a violation is a misdemeanor.	02/14/2025: Re-referred to SENATE Committees on ELECTIONS AND CONSTITUTIONAL AMENDMENTS and APPROPRIATIONS.
CA SB 52 (Perez S (D))	Housing Rental Rates and Occupancy Levels: Algorithmic		Makes it unlawful for any person to sell, license, or otherwise provide to a landlord an algorithmic device that advises on rental rates or occupancy levels for residential dwelling units, and would also make it unlawful for a landlord to use an algorithmic device to set rental rates or occupancy levels for residential dwelling units.	01/29/2025: To SENATE Committee on JUDICIARY.
CA SB 72 (Caballero (D))	The California Water Plan: Long Term Supply Targets	Support	Provides that existing law requires the Department of Water Resources to update The California Water Plan, and requires the department to establish an advisory committee to assist the	03/18/2025: In SENATE. Read second time and amended. Re-referred to

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			department in updating the plan. Requires the department to expand the membership of the advisory committee to include, among others, tribes, labor, and environmental justice interests. Requires the department, as part of the specified update to the plan, to update the interim planning target for the specified year.	Committee on NATURAL RESOURCES AND WATER.
CA SB 73 (Cervantes (D))	California Environmental Quality Act: Exemptions		Exempts from the California Environmental Quality Act from its requirements certain residential, employment center, and mixed-use development projects meeting specified criteria, including that the project is located in a transit priority area and that the project is undertaken and is consistent with a specific plan for which an environmental impact report has been certified.	01/29/2025: To SENATE Committees on ENVIRONMENTAL QUALITY and HOUSING.
CA SB 74 (Seyarto (R))	Office of Land Use and Climate Innovation		Requires the Office of Land Use and Climate Innovation to establish the Infrastructure Gap Fund Program to provide grants to local agencies to develop and construct infrastructure projects. Authorizes the office to provide funding for up to a specified percent of a project's additional projected cost after the project has started construction, subject to specified conditions, including that the local agency has allocated existing local tax revenue to the initial infrastructure's project's total cost.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
CA SB 77 (Grove (R))	State Vehicle Fleet: Zero-Emission Vehicles		Requires the Department of General Services to require a supplier of light duty vehicles purchased for the State vehicle fleet to certify that the raw materials used in the manufacturing of the light duty vehicles, including, but not limited to, aluminum, cobalt and lithium, come from mining operations that are free of child labor, with certain exceptions. Requires the supplier to provide to the department the locations where the raw materials used in the production of the light duty vehicles were mined.	03/12/2025: In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA SB 79 (Wiener (D))	Planning and Zoning: Housing Development: Transit		Requires that a residential development proposed within a specified distance of a transit oriented development stop be an allowed use on any site zoned for residential, mixed, commercial, or light industrial development, if the development complies with certain requirements. Exempts from the California Environmental	03/12/2025: Re-referred to SENATE Committees on HOUSING and LOCAL GOVERNMENT.

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			Quality Act a public or private residential, commercial, or mixed used project that is located entirely or principally on land owned by a public transit agency and meets certain requirements.	
CA SB 88 (Caballero (D))	Air Resources: Carbon Emissions: Biomass		Provides that existing law requires the State Air Resources Board to develop a standardized system for quantifying the direct carbon emissions and decay from fuel reduction activities for purposes of meeting the accounting requirements for Greenhouse Gas Reduction Fund expenditures. Requires the board to finalize the standardized system. Requires the board to adopt a method of quantification of the life cycle emissions from alternative uses of forest and agricultural biomass residues.	03/20/2025: In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.
CA SB 90 (Seyarto (R))	Safe Drinking Water		Provides that the Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024 authorized the issuance of bonds to finance projects for, among other things, safe drinking water, drought, flood, and water resilience, and wildfire and forest resilience. Includes in the list of eligible projects, among other things, grants for improvements to public evacuation routes in very high and high fire hazard severity zones, and mobile rigid dip tanks to support firefighting efforts.	03/12/2025: In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.
CA SB 92 (Blakespear (D))	Housing Development: Density Bonuses: Mixed Use		Provides that the Density Bonus Law requires a city or county to provide a developer that proposes a housing development within the city or county with a density bonus and other incentives or concessions, if the developer agrees to construct specified percentages of units for lower income households or very low income households. Defines mixed used developments to mean mixed used developments consisting of residential and nonresidential uses that meet specified conditions.	03/18/2025: From SENATE Committee on HOUSING: Do pass to Committee on LOCAL GOVERNMENT.
CA SB 222 (Wiener (D))	Climate Disasters: Civil Actions		Authorizes a person to bring a civil action, if specified criteria are met, including damages of a specified amount or more, against a party responsible for a climate disaster or extreme weather or other events attributable to climate change due to the responsible	03/28/2025: In SENATE. Read second time and amended. Re-referred to Committee on JUDICIARY.

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			party's misleading and deceptive practices or the provision of misinformation or disinformation about the connection between its fossil fuel products and climate change and extreme weather or other events attributable to climate change.	
CA SB 224 (Hurtado (D))	Department of Water Resources: Water Supply Forecasting		Provides that existing law requires the Department of Water Resources to update every specified number of years the State Water Plan. Requires the department to adopt a new water supply forecasting model and procedures that better address the effects of climate change and implement a formal policy and procedures for documenting the department's operational plans and the department's rationale for its operating procedures, including the department's rationale for water releases from reservoirs.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA SB 231 (Seyarto (R))	California Environmental Quality Act		Requires the Office of Land Use and Climate Innovation to consult with regional, local, State, and federal agencies to develop a technical advisory on thresholds of significance for greenhouse gas and noise pollution effects on the environment to assist local agencies. Requires the technical advisory to provide suggested thresholds of significance for all areas of the State.	03/20/2025: In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA SB 232 (Seyarto (R))	California Environmental Quality Act: Guidelines: Study		Requires the Office of Land Use and Climate Innovation to conduct a study to, among other things, evaluate how locked in guidelines could impact regulatory certainty for future project proponents, lead agencies, and stakeholders and assess how locked in guidelines could affect the speed and efficiency of the environmental review process pursuant to the California Environmental Quality Act. Defines locked in guidelines as CEQA guidelines that apply to the project throughout the environmental review process.	03/20/2025: In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
CA SB 234 (Niello (R))	Wildfires: Workgroup: Toxic Heavy Metals		Requires, upon appropriation by the Legislature, the Department of Forestry and Fire Protection, the Office of Emergency Services, and the Department of Toxic Substances Control, in	03/25/2025: From SENATE Committee on NATURAL RESOURCES AND WATER: Do

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			consultation with specified entities, to form a workgroup related to exposure of toxic heavy metals after a wildfire.	pass to Committee on ENVIRONMENTAL QUALITY.
CA SB 238 (Smallwood-Cueva (D))	Workplace Surveillance Tools		Requires an employer to annually provide a notice to the Department of Industrial Relations, in the Labor and Workforce Development Agency, of all the workplace surveillance tools the employer is using in the workplace. Requires the notice to include, among other information, the data that will be collected from workers and consumers and whether they will have the option of opting out of the collection of personal data.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 239 (Arreguin (D))	Open Meetings: Teleconferencing: Subsidiary Body		Authorizes a subsidiary body, as defined, to use alternative teleconferencing provisions and would impose requirements for notice, agenda, and public participation, as prescribed. Requires the subsidiary body to post the agenda at the primary physical meeting location.	02/14/2025: To SENATE Committees on LOCAL GOVERNMENT and JUDICIARY.
CA SB 247 (Smallwood-Cueva (D))	State Agency Contracts: Bid Preference: Equity Metrics		Relates to bid preferences and participation goals in public contracting for certain types of bidders. Relates to the Small Business Procurement and Contract Act and the State Disabled Veteran Business Enterprise Program. Requires an awarding department, defined to include a State agency or department, to provide a bid preference of a specified percent in the award of contracts to contractors that set equity metrics.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 252 (Valladares (R))	Environmental Quality Act: Exemption: Powerlines		Exempts from the provisions of CEQA a project to underground powerlines.	02/14/2025: To SENATE Committees on ENVIRONMENTAL QUALITY and ENERGY, UTILITIES AND COMMUNICATIONS.
CA SB 256 (Perez S (D))	Electricity: Electrical Infrastructure: Wildfire		Provides that existing law requires a local publicly owned electric utility or electrical cooperative to annually prepare a wildfire mitigation plan that includes a description of preventive strategies and programs to minimize the risk of its electrical lines and equipment causing catastrophic wildfires. Requires electrical	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			corporations, electrical cooperatives, and local publicly owned electric utilities to include the consideration of low risk areas.	
CA SB 266 (Cervantes (D))	Elections: Language Accessibility		Requires the Secretary of State to determine the number of residents of voting age in each precinct who are members of a single language minority group and lack sufficient skills in English to vote without assistance and to post on the Secretary of State's website a list of languages used by single language minority groups that make up a specified percent or more of the voting age residents of a particular county or precinct.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 270 (Ochoa Bogh (R))	Recall Elections: Notice of Intention		Relates to recall elections. Requires the published copy of the notice of intention to omit the proponents' signatures and the street numbers and street names of their residence addresses.	02/14/2025: To SENATE Committees on ELECTIONS AND CONSTITUTIONAL AMENDMENTS and JUDICIARY.
CA SB 273 (Grayson (D))	Surplus Land		Makes a nonsubstantive change to existing law which declares that surplus government land should be made available for affordable housing, including near transit stations, and for parks and recreation or open-space purposes.	02/14/2025: To SENATE Committee on RULES.
CA SB 280 (Cervantes (D))	Political Reform Act of 1974: Prohibition		Provides that the Political Reform Act of 1974 prohibits the receipt, delivery, or attempted delivery of a contribution in the State Capitol, any State office building, or any office for which the State pays the majority of the rent other than a legislative district office. Expands that prohibition to apply to local government office buildings and offices for which the State or a local government pays rent. Eliminates the exception for legislative district offices.	03/25/2025: In SENATE. Read second time and amended. Re-referred to Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS.
CA SB 283 (Laird (D))	Energy Storage Systems		Requires the State Building Standards Commission and the Office of the State Fire Marshal to review and consider the most recently published edition of the National Fire Protection Association 855, Standard for the Installation of Stationary Energy Storage	03/20/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			Systems, for incorporation into the next update of the State Building Standards Code adopted after the specified date.	
CA SB 285 (Becker (D))	Net Zero Greenhouse Gas Emissions Goal: Carbon Dioxide		Authorizes, for the purpose of meeting, or tracking progress against, any State requirement to achieve net zero emissions of greenhouse gases, only qualified carbon dioxide removal to be used to counterbalance the State's or an entity's greenhouse gas emissions. Requires qualified carbon dioxide removal used for those purposes to meet certain requirements.	03/25/2025: In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.
CA SB 288 (Seyarto (R))	Property Tax: Tax-Defaulted Property Sales: Sales		Prohibits a property or property interest from being offered for sale under the provisions described above unless at least one of several conditions are met, including that the property has been offered for sale under the provisions specified authorizing a sale to any person, or that the assessed value of the property is a specified amount or less.	02/19/2025: To SENATE Committee on REVENUE AND TAXATION.
CA SB 336 (Wiener (D))	Real Property Tax: Welfare Exemption: Moderate-Income		Provides a partial welfare exemption in the case of residential rental property used for low- and moderate-income households and makes the partial exemption equal to that percentage of the value of the property that is equal to the percentage that the number of units serving low- and moderate-income households represents of the total number of residential units, as provided.	02/19/2025: To SENATE Committee on REVENUE AND TAXATION.
CA SB 348 (Hurtado (D))	State Air Resources Board: Low Carbon Fuel Standard		Requires the State Air Resources Board, when it revises, adopts, or establishes any policy, standard, rule, or regulation that would have a direct financial impact to drivers in the State, to consider the financial burden on drivers and to prepare a thorough analysis and evaluation of the financial impact of the proposed action to drivers to ensure full transparency.	03/20/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 350 (Durazo (D))	Water Rate Assistance Program	Oppose Unless Amended	Establishes the Water Rate Assistance Program. Establishes the Water Rate Assistance Fund in the State Treasury, available upon appropriation by the Legislature, to provide water affordability	03/25/2025: In SENATE. Read second time and amended. Re-referred to

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			assistance, for both drinking water and wastewater services, to low income residential ratepayers. Requires the State Water Resources Control Board to track and manage revenue in the fund separately from all other revenue.	Committee on ENERGY, UTILITIES AND COMMUNICATIONS.
CA SB 352 (Reyes (D))	Disaster Preparedness		Provides that if a state of emergency is proclaimed, the Emergency Services Act authorizes an eligible private nonprofit organization to receive State assistance for distribution of supplies and other disaster or emergency assistance activities. Requires eligible area agencies on aging and independent living centers that provide transportation and evacuation services to individuals with access and functional needs during a state of emergency to be prioritized for the State assistance.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 358 (Becker (D))	Mitigation Fee Act: Mitigating Vehicular Traffic Impact		Relates to the Mitigation Fee Act concerning mitigating vehicular traffic impacts. Deletes the provision about adopting findings after a public hearing for purposes of a local agency setting the rate for a mitigating vehicular traffic impacts fee and would, instead, require the rate for housing developments that satisfy those specified characteristics be at least 50% less than the rate for housing developments without all of those characteristics.	02/19/2025: To SENATE Committee on LOCAL GOVERNMENT.
CA SB 366 (Smallwood-Cueva (D))	Employment: Artificial Intelligence		Requires the Department of General Services to contract with the University of California, Los Angeles Labor Center to conduct a study evaluating the impact of artificial intelligence on worker well being, job quality, job types, different populations, and State revenues. Requires the department, on or before the specified date, to submit a report of the findings of the study to the Legislature.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 375 (Grove (R))	Wildfire prevention activities: Endangered Species Act		Authorizes a city, county, city and county, special district, or other local agency to submit to the Department of Fish and Wildlife a wildfire preparedness plan to conduct wildfire preparedness activities on land designated as a fire hazard	02/26/2025: To SENATE Committees on NATURAL RESOURCES AND WATER and ENVIRONMENTAL QUALITY.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			severity zone that minimizes impacts to wildlife and habitat for candidate, threatened, and endangered species.	
CA SB 377 (Grayson (D))	Biomethane Procurement Targets		Provides that existing law requires the Public Utilities Commission to ensure that the biomethane available for any procurement program is either delivered to the State through a dedicated pipeline, or through a common carrier pipeline and meets specified requirements related to the injection of the biomethane and specified environmental benefits. Adds the displacement of conventional natural gas that results in a reduction in greenhouse gas emissions as one of the benefits.	03/17/2025: In SENATE. Read second time and amended. Re-referred to Committee on ENERGY, UTILITIES AND COMMUNICATIONS.
CA SB 381 (Wahab (D))	Residential Rental Properties: Fees		Enacts the Fair Rental Act of 2025. Prohibits a landlord or their agent from charging certain fees, including, any fee that is not specified in the rental agreement, a processing fee, including a convenience fee or a check cashing fee, for the payment of rent or any other fees or deposits, or a fee for a tenant to own a household pet.	02/26/2025: To SENATE Committees on JUDICIARY and APPROPRIATIONS.
CA SB 390 (Becker (D))	Community Facilities District: Inclusion or Annexation		Concerns annexation of territory. Specifies that for territory that is located within the regional shoreline of the County of San Mateo, the consent of a landowner is not required, if specified conditions are met.	02/26/2025: To SENATE Committee on LOCAL GOVERNMENT.
CA SB 394 (Allen (D))	Water Theft: Fire Hydrants	Support if Amended	Adds to the list of acts for which a utility may bring a civil cause of action under these circumstances to include tampering with a fire hydrant, fire hydrant meter, or fire detector check, or diverting water, or causing water to be diverted, from a fire hydrant with knowledge of, or reason to believe, that the diversion or unauthorized connection existed at the time of use for nonfirefighting purposes or without authorization from the appropriate water system or fire department.	03/19/2025: From SENATE Committee on LOCAL GOVERNMENT: Do pass to Committee on JUDICIARY.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 401 (Hurtado (D))	Political Reform Act of 1974: State Employees		Prohibits an employee of a State agency from owning or controlling a financial interest in any business entity that is subject to the regulatory authority of the agency. Authorizes the head of an agency to grant a waiver only upon a finding that ownership or control of the financial interest is otherwise consistent with the Political Reform Act of 1974 and that the employee will not make, participate in, or attempt to influence a governmental decision in which the employee has a financial interest.	03/25/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 406 (Choi (R))	Elections: Ballot Submission Deadline		Requires a vote-by-mail ballot to be returned to the applicable elections official no later than the close of the polls on election day, except that it requires a vote-by-mail ballot cast by a military or overseas voter to be counted if it is postmarked on or before election day and received no later than 7 days after election day.	03/19/2025: To SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS.
CA SB 419 (Caballero (D))	Hydrogen Fuel		Provides an exemption from the taxes imposed by the Sales and Use Tax Law for the gross receipts from the sale in this state of, and the storage, use, or other consumption in this state of, hydrogen fuel. Provides that an exemption created, herein, does not apply to local sales and use taxes or transactions and use taxes.	02/26/2025: To SENATE Committee on REVENUE AND TAXATION.
CA SB 420 (Padilla (D))	Automated Decision Systems		Relates to the State AI Transparency Act and providers of generative artificial intelligence systems. Relates to regulating developers or deployers of a high risk automated decision system. Requires a developer or a deployer to perform an impact assessment on the high risk automated decision system before making it publicly available or deploying it. Authorizes the Attorney General or the Civil Rights Department to bring a specified civil action to enforce compliance.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 426 (Alvarado-Gil (R))	CA Environmental Quality Act: Defensible Space		Exempts from CEQA projects undertaken or approved by a public agency for purposes of maintaining defensible space to comply with the above requirements.	02/26/2025: To SENATE Committees on ENVIRONMENTAL QUALITY and NATURAL RESOURCES AND WATER.
CA SB 430 (Cabaldon (D))	State Government: Efficiency of Public Sector		States the intent of the Legislature to enact legislation that would lessen the time, effort, money, and programmatic expertise of local public sector workers in compliance with state reporting and permit processing, as specified.	02/26/2025: To SENATE Committee on RULES.
CA SB 431 (Arreguin (D))	Assault and Battery: Public Utility Employees		Makes an assault or battery committed against an employee of a public utility or a worker engaged in essential infrastructure work, punishable by imprisonment in a county jail not exceeding one year, by a specified amount of fine, or by both that fine and imprisonment. Expands the scope of these crimes.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on PUBLIC SAFETY.
CA SB 436 (Wahab (D))	Unlawful Detainer: Right to Redeem Tenancy		Requires a court presiding over an unlawful detainer action to restore a residential tenant to their former estate or tenancy if the tenant, pays the full amount of rent in arrears, as specified, or submits documentation of approval for rental assistance funds in an amount that would cover the full amount of rent in arrears.	02/26/2025: To SENATE Committee on JUDICIARY.
CA SB 441 (Hurtado (D))	State Air Resources Board: Membership: Removal		Authorizes any member of the State Air Resources Board to be removed from office by the Legislature, by concurrent resolution adopted by a majority vote of all members elected to each house, for dereliction of duty or corruption or incompetency.	02/26/2025: To SENATE Committee on ENVIRONMENTAL QUALITY.
CA SB 446 (Hurtado (D))	Data Breaches: Customer Notification		Relates to Data breaches, customer notification. Requires a data breach disclosure to be made within 30 calendar days of discovery or notification of the data breach but would authorize a business to delay the disclosure to accommodate the legitimate needs of law enforcement, as specified, or as necessary to	02/26/2025: To SENATE Committees on JUDICIARY and APPROPRIATIONS.

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			determine the scope of the breach and restore the reasonable integrity of the data system.	
CA SB 454 (McNerney (D))	State Water Resources Control Board: PFAS Mitigation		Creates the PFAS Mitigation Fund. Authorizes the State Water Resources Control Board to expend moneys from the fund in the form of a grant, loan, or contract, or to provide assistance services to water suppliers and sewer system providers for multiple purposes, including, among others, to cover or reduce the costs for water suppliers associated with treating drinking water to meet the applicable State and federal maximum perfluoroalkyl and polyfluoroalkyl substances contaminant levels. Appropriates funds.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.
CA SB 463 (Alvarado-Gil (R))	Drought planning: Resiliency Measures		Exempts a water district with fewer than 500 service connections from metering each service connection and monitoring for water loss due to leakages.	03/10/2025: To SENATE Committees on NATURAL RESOURCES AND WATER and LOCAL GOVERNMENT.
CA SB 465 (Padilla (D))	Governor's Office of Emergency Services: California		Requires the Office of Emergency Services to establish a statewide emergency alert system called California Alert. Requires the California Alert to utilize Wireless Emergency Alerts authorized by the Integrated Public Alert Warning System, the Federal Emergency Management Agency's national system for local alerting that provides authenticated emergency information to the public through mobile phones within a designate cell tower's coverage area. Requires the office to contract with a private vendor.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 469 (Smallwood-Cueva (D))	Department of Industrial Relations		Requires the Department of Industrial Relations to establish the California Public Infrastructure Task Force, composed of representatives of specified agencies to promote employment in public infrastructure projects for underrepresented communities and to provide compliance assistance to contractors and	03/26/2025: In SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Not heard.

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			subcontractors in public infrastructure projects regarding their nondiscrimination obligations, as specified.	
CA SB 470 (Laird (D))	Bagley-Keene Open Meeting Act: Teleconferencing		Deletes a repeal date under the Bagley-Keene Open Meeting Act, thereby authorizing a specified additional, alternative set of teleconferencing provisions indefinitely.	03/25/2025: From SENATE Committee on GOVERNMENTAL ORGANIZATION: Do pass to Committee on JUDICIARY.
CA SB 473 (Padilla (D))	Water Corporations: Demand Elasticity		Requires the Public Utilities Commission to ensure that errors do not result in material overcollections or undercollections of water corporations.	02/26/2025: To SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS.
CA SB 474 (Niello (R))	State Air Resources Board: Regulatory Authority		Revokes all authority of the State Air Resources Board to adopt, revise, or repeal regulations and would declare that any law granting authority to or requiring the state board to adopt, revise, or repeal regulations, or take an action that requires exercising regulatory authority, instead be read as only authorizing the state board to provide advice and propose measures to the Legislature for statutory enactment.	02/26/2025: To SENATE Committee on ENVIRONMENTAL QUALITY.
CA SB 482 (Weber (D))	Roster of Public Officials: Local Government		Requires, within a specified number of days of each general election, the governing body of each city, county, or city and county, or their delegated local entity, to submit to the Secretary of State an updated list of local elected or appointed officials for publication in the roster of the State and local public officials of California.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 488 (Limon (D))	Safety Element: Local Hazard mitigation Plan		Makes nonsubstantive changes in the provision that authorizes a city or county to adopt a local hazard mitigation plan to a Safety element.	02/26/2025: To SENATE Committee on RULES.
CA SB 489 (Arreguin (D))	Permit Streamlining Act: Housing Development Projects		Provides that the Permit Streamlining Act requires a public agency to compile a list of the information required from an applicant for a development project. Requires, for each approval issued in connection with a housing development project, to publish online the list, including the criteria that the public agency	03/25/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			will apply in order to determine the completeness of the development application and the name of the approval. Revises the definition of housing development project for these purposes.	
CA SB 495 (Allen (D))	Insurance		Requires, on or before the specified date, an admitted insurer in a group with written premiums in the prior year from specified lines of insurance totaling a specified amount to submit a report to the Insurance Commissioner on its reinsurance placement data and use of probabilistic catastrophic models for the previous year. Requires the report to include data from the latest available reinsurance treaty year.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 496 (Hurtado (D))	Advanced Clean Fleets Regulation: Appeals Advisory		Requires the State Air Resources Board to establish the Advanced Clean Fleets Regulation Appeals Advisory Committee by an unspecified date for purposes of reviewing appeals of denied requests for exemptions from the requirements of the Advanced Clean Fleets Regulation.	02/26/2025: To SENATE Committees on ENVIRONMENTAL QUALITY and TRANSPORTATION.
CA SB 499 (Stern (D))	Residential Projects: Fees and Charges: Emergency		Relates to the Mitigation Fee Act. Provides that existing law authorizes a local agency to require the payment of mitigation fees or charges earlier if the agency determines that the fees or charges will be collected for certain public improvements or facilities related to providing fire, public safety, and emergency services to a residential development. Specifies that such improvements or facilities include parkland and recreational facilities when identified in the local agency's hazard mitigation plan.	03/27/2025: Re-referred to SENATE Committee on RULES.
CA SB 501 (Allen (D))	Household Hazardous Waste Producer Responsibility Act		Creates a producer responsibility program for products containing household hazardous waste and requires a producer responsibility organization to ensure the safe and convenient collection and management of covered products at no cost to consumers or local governments. Defines covered product to mean a consumer product that is ignitable, toxic, corrosive, or reactive, or that	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.

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			meets other specified criteria. Requires a producer of a covered product to register with the PRO.	
CA SB 509 (Caballero (D))	Office of Emergency Services: Training		Requires the Office of Emergency Services, through the California Specialized Training Institute, to develop transnational repression recognition and response training, as specified.	02/26/2025: To SENATE Committees on PUBLIC SAFETY and GOVERNMENTAL ORGANIZATION.
CA SB 512 (McGuire (D))	Office of Emergency Services: State Fire Assistance		Relates to the State Assistance for Fire Equipment Act and sales of firefighting apparatus or equipment to local agencies. Requires that no fewer than 100 days pass after providing notice to the local agencies before the office may sell to public agencies outside of California, the federal government, and Indian tribes.	03/25/2025: From SENATE Committee on GOVERNMENTAL ORGANIZATION: Do pass to Committee on APPROPRIATIONS.
CA SB 513 (Durazo (D))	Personnel Records		Provides that that personnel records relating to the employee's performance include education and training records and would require an employer who maintains education and training records to ensure those records include specified information.	03/26/2025: From SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Do pass to Committee on APPROPRIATIONS.
CA SB 514 (Cabaldon (D))	Wildfire Prevention: Accreditation		Requires the Department of Forestry and Fire Protection to create a standardized accreditation framework for counties to accredit local governments, fire safe councils, and homeowners for following wildfire prevention practices, as provided.	03/28/2025: In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.
CA SB 522 (Wahab (D))	Housing: Tenant Protections: Rent Control		Excludes housing built to replace a previous housing unit that was substantially damaged or destroyed by a disaster, as defined, and was issued a certificate of occupancy before that housing unit was substantially damaged or destroyed, from the specified exemption from the just cause requirements and rental increase limits.	03/28/2025: In SENATE. Read second time and amended. Re-referred to Committee on JUDICIARY.
CA SB 526 (Menjivar (D))	South Coast Air Quality Management District		Requires the South Coast Air Quality Management District Board to update Rule 1157 to improve air quality and increase data collection. Requires the owner or operator of a covered facility, as	03/05/2025: To SENATE Committee on ENVIRONMENTAL QUALITY.

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			defined, on or before specified date, to take specified actions, including maintaining fencing around the entire property fenceline that is a specified height and maintaining open storage piles no taller than 8 feet high, as provided, if the covered facility is within 500 feet of a sensitive receptor.	
CA SB 532 (Dahle M (R))	Air Basins		States the intent of the Legislature to enact future legislation related to clean air basins.	03/05/2025: To SENATE Committee on RULES.
CA SB 543 (McNerney (D))	Housing Development Projects: Preliminary Applications		Provides that existing law requires a public agency that received an application for a development project to determine whether the application is complete within a specified number of days. Provides that if the public agency determines that the application is not complete, the development proponent is required to submit the specified information needed to complete the application within the specified period. Requires that period to reset each time the development proponent resubmits the information.	03/25/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 547 (Padilla (D))	Commercial Property Insurance Cancellation		Extends a prohibition against cancellation or nonrenewal and its exceptions to a policy of commercial property insurance.	03/05/2025: To SENATE Committee on INSURANCE.
CA SB 556 (Hurtado (D))	Habitat Enhancement and Restoration: Floodplains		Appropriates from the Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024, a specified amount made available to the Wildlife Conservation Board to support projects in the Counties of Kern, Kings, and Tulare for the restoration and conservation of habitats along floodplains, as provided.	03/28/2025: In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.
CA SB 557 (Hurtado (D))	Sustainable Groundwater Management: Boundaries		Makes a nonsubstantive change in the Sustainable Groundwater Management Act relating to basin boundaries.	03/05/2025: To SENATE Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 577 (Laird (D))	Civil Actions		Provides that existing law provides that there is no time limit for the commencement of certain actions for the recovery of damages suffered as a result of childhood sexual assault. Prohibits a plaintiff from refileing a certain action that was dismissed without prejudice if more than a specified number of years have passed. Specifies when, for purposes of determining the validity of refunding bonds to refund a tort action judgment entered against a public entity, indebtedness is deemed to be in existence.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 590 (Durazo (D))	Paid Family Leave: Eligibility: Care for Persons		Expands eligibility for benefits under the paid family leave program to include individuals who take time off work to care for a seriously ill designated person. Defines designated person to mean any individual related by blood or whose association with the employee is the equivalent of a family relationship.	03/05/2025: To SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT.
CA SB 593 (Hurtado (D))	Power Surges: Ratepayer Notice		Requires a utility, which includes a community choice aggregator, an electrical corporation, and a local publicly owned electric utility, to develop and implement a system to notify a ratepayer of a power surge.	03/05/2025: To SENATE Committees on ENERGY, UTILITIES AND COMMUNICATIONS and JUDICIARY.
CA SB 595 (Choi (R))	Local Government: Financial Reports		Requires a specified forfeiture if the officer fails or refuses to make and file their financial report within 10 months after the end of the local agency's fiscal year. Requires the Controller to determine whether certain financial transactions reports can be replaced by machine readable audited financial statements and would require the Controller to provide a report to the Legislature regarding its determination on or before December 31, 2026.	03/05/2025: To SENATE Committee on LOCAL GOVERNMENT.
CA SB 598 (Durazo (D))	Public Contracts: Local Water Infrastructure Projects		Authorizes a local agency, upon approval of its governing body, to use the Construction Manager/General Contractor method for a regional recycled water project or other water infrastructure project undertaken by the Metropolitan Water District of	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			Southern California to alleviate water supply shortages attributable to drought or climate change.	
CA SB 599 (Caballero (D))	Atmospheric Rivers: Research: Forecasting Methods		Relates to the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency Program in the Department of Water Resources. Provides that existing law requires the department to operate reservoirs in a manner that improves flood protection. Requires, for novel forecasting methods, the department to include the use of experimental tools that produce seasonal and subseasonal atmospheric river forecasts.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 601 (Allen (D))	Water: Waste Discharge		Revises specified requirements to demonstrate enrollment with NPDES to instead require demonstrating enrollment with NPDES or the Waste Discharge Requirements (WDR) permit programs by providing the specified information.	03/05/2025: To SENATE Committees on ENVIRONMENTAL QUALITY and JUDICIARY.
CA SB 607 (Wiener (D))	California Environmental Quality Act		Provides that the California Environmental Quality Act requires the Office of Land Use and Climate Innovation to prepare and develop proposed guidelines, and requires the guidelines to include certain criteria, including a finding that a project may have a significant effect on the environment if one or more specified conditions exist. Requires those criteria to require that finding if the lead agency determines, based upon substantial evidence, that one or more of those specified conditions exist.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.
CA SB 613 (Stern (D))	Methane Emissions: Petroleum and Natural Gas		Requires state agencies to prioritize strategies to reduce methane emissions, including emissions from imported petroleum and natural gas, where feasible and cost effective. Requires the State Air Resources Board, no later than December 31, 2026, to establish a certification standard for petroleum and natural gas producing low methane emissions.	03/05/2025: To SENATE Committees on ENVIRONMENTAL QUALITY and ENERGY, UTILITIES AND COMMUNICATIONS.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 620 (Stern (D))	Public Utilities: General Rate Cases: Electrical Grid		Requires the Public Utilities Commission to prioritize the gathering, analysis, and independent verification of utility data used to justify general rate case proposals to ensure the cost-effective use of ratepayer funds for capital investments in electrical distribution and transmission grid infrastructure and the operation and maintenance of that infrastructure.	03/05/2025: To SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS.
CA SB 621 (Grove (R))	Voter Registration: Military and Overseas Voters		Provides that existing law provides that otherwise qualified military and overseas voters and voters with disabilities may complete a conditional voter registration and cast a provisional ballot or nonprovisional ballot. Provides that existing law permits a military or overseas voter to register after the closing date of registration, under certain conditions. Relates to the inclusion of military and overseas voters in the general conditional voter registration process.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 625 (Wahab (D))	Housing Developments: Disasters: Reconstruction		Relates to the Davis-Stirling Common Interest Development Act. Makes any covenant, restriction, or condition contained in any deed, contract, security instrument, or other instrument, and any provision of a governing document, void and unenforceable to the extent that it prohibits, or includes conditions that have the effect of prohibiting, a substantially similar reconstruction of a residential structure that is damaged or destroyed during a declared disaster or state of emergency.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 627 (McGuire (D))	Planning and Zoning: Housing: Postentitlement Phase		Deletes a provision for the applicant to appeal a decision to the director of the local agency, as specified, and, instead, would require a local agency to provide a process for the applicant to appeal that decision in writing to the governing body of the agency only.	03/05/2025: To SENATE Committees on LOCAL GOVERNMENT and HOUSING.
CA SB 629 (Durazo (D))	Wildfires: Fire Hazard Severity Zones: Defensible Space		Relates to fire hazard severity zones. Requires the factors on which the fire severity zones are based to include areas within the perimeter of a wildfire that burned a specified number or more	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			acres, destroyed more than a specified number of structures, or resulted in a fatality, and to include areas at risk for an urban conflagration that accounts for the potential for structures to serve as a fuel source that extends the ember cast outside of wildland areas.	
CA SB 636 (Menjivar (D))	Electrical or Gas Corporations: Deferment of Payments		Prohibits an electrical or gas corporation from disconnecting service of a customer for a specified number of months, if the customer meets certain requirements. Requires, upon the expiration of the deferment period, the customer to enroll in the electrical or gas corporation's arrearage management program or be enrolled in an available payment plan for which the customer is eligible, if the customer is not eligible for the arrearage management plan, for any and all debts on the customer's account.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on ENERGY, UTILITIES AND COMMUNICATIONS.
CA SB 647 (Hurtado (D))	Low-Income Energy Assistance Programs: Health & Safety		States that it is intent of the Legislature to protect and strengthen the current network of community service providers by directing that any evaluation of the effectiveness of the low-income energy efficiency programs be based not solely on cost criteria, but also on specified factors, including, among other things, whether the program combines energy upgrades, electrification, and health improvements or coordinates with other initiatives.	03/05/2025: To SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS.
CA SB 650 (Cabaldon (D))	The Sacramento-San Joaquin Delta Reform Act of 2009		Relates to the Sacramento-San Joaquin Delta Reform Act of 2009. Provides certain deadlines for legal actions arising out of specified actions of the Delta Stewardship Council. Adds State and local public agencies to the entities authorized to appeal a certification of consistency.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 653 (Cortese (D))	Wildfire Prevention: Environmentally Sensitive		Provides that the Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024 made a specified amount available for forest health and watershed improvement projects in forests and other habitats that may	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			include, among other things, environmentally sensitive vegetation management. Requires relevant State agencies, when funding an environmentally sensitive vegetation management project, to prioritize projects that use specified practices.	
CA SB 655 (Stern (D))	Residential Buildings: Indoor Temperature		Requires the Department of Housing and Community Development, on or before the next rulemaking cycle for the triennial update to the State Building Standards Code, to develop and propose for adoption passive and active strategies that may include, among other things, the use of mechanical ventilation to achieve a specified maximum safe indoor air temperature of for newly constructed residential dwelling units, and to share those passive and active strategies with the State Building Standards Commission.	03/25/2025: In SENATE. Read second time and amended. Re-referred Committee on HOUSING.
CA SB 662 (Alvarado-Gil (R))	Wildfires: Defensible Space: Education Efforts		Extends a statewide program to allow qualifying entities to support and augment the Department of Forestry and Fire Protection in its defensible space and home hardening assessment and education efforts and requires the director to establish a common reporting platform that allows defensible space and home hardening assessment data, collected by qualifying entities, to be reported to the department, among other things until a specified date.	03/05/2025: To SENATE Committee on NATURAL RESOURCES AND WATER.
CA SB 676 (Limon (D))	California Environmental Quality Act: Judicial		Provides that the California Environmental Quality Act requires a lead agency to prepare and certify the completion of an environmental impact report on a project, and requires an agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment. Requires, for a project located in a geographic area that was damaged by fire for which the Governor declared a state of emergency on or after the specified date, the agency to prepare a record of proceeding.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 677 (Wiener (D))	Housing Development: Streamlined Approvals		Requires ministerial approval for proposed housing developments containing no more than 2 residential units on any lot hosting a single-family home or zoned for 4 or fewer residential units, notwithstanding any covenant, condition, or restriction imposed by a common interest development association.	03/05/2025: To SENATE Committees on HOUSING and LOCAL GOVERNMENT.
CA SB 678 (Niello (R))	Fire Prevention Activities: Challenges: Undertaking		Provides that, in a civil action brought to challenge a project that will engage in fire prevention activities, including those brought pursuant to the California Environmental Quality Act, a defendant may seek an order requiring the plaintiff to furnish an undertaking as security for costs and damages that may be incurred by the defendant if the bringing of the action or seeking by the plaintiff of particular relief, including injunctive relief, would result in preventing or delaying the project.	03/05/2025: To SENATE Committees on JUDICIARY and APPROPRIATIONS.
CA SB 682 (Allen (D))	Product Safety: Perfluoroalkyl and Polyfluoroalkyl		Prohibits, beginning specified date, a person from distributing, selling, or offering for sale a covered product that contain intentionally added PFAS, as defined, except for previously used products and as otherwise preempted by federal law. Defines covered product to include cleaning products, cookware, dental floss, juvenile products, food packaging, and ski wax, as specified.	03/05/2025: To SENATE Committees on ENVIRONMENTAL QUALITY and HEALTH.
CA SB 688 (Niello (R))	Office of Regulatory Counsel		Establishes the Office of Regulatory Counsel in state government within the Governor's Office, under the direction and control of a director. Requires the director to be appointed by the Governor, subject to confirmation of the Senate, and for the director's term to be coterminous with that of the appointing power, except as provided.	03/25/2025: From SENATE Committee on GOVERNMENTAL ORGANIZATION: Do pass to Committee on APPROPRIATIONS.
CA SB 693 (Cortese (D))	Employees: Meal Periods		Creates an exception from the prohibition against an employer from employing an employee for a work period of more than 5 hours per day without providing the employee with a meal period of not less than 30 minutes, for employees of a water corporation, as defined.	03/05/2025: To SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 697 (Laird (D))	Determination of Water Rights: Stream System		Revises provisions of the State Water Resources Control Board to hold proceedings to determine all rights to water of a stream system regarding the board's statutory adjudication of water rights during an investigation of a stream system to, among other things, require representatives of the board to investigate in detail the use of water with the authority, but no requirement, to conduct a field investigation.	03/25/2025: From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on JUDICIARY.
CA SB 707 (Durazo (D))	Open Meetings: Meeting and Teleconference Requirements		Requires a city council or a county board of supervisors to comply with additional meeting requirements, including that all open and public meetings include an opportunity for members of the public to attend via a two-way telephonic option or a two-way audiovisual platform, as defined, that a system is in place for requesting and receiving interpretation services for public meetings, as specified, and that good faith efforts are made to encourage residents to participate in public meetings, as specified.	03/12/2025: To SENATE Committees on LOCAL GOVERNMENT and JUDICIARY.
CA SB 714 (Archuleta (D))	Zero-Emission Vehicles: Clean Energy Workforce Training		States the intent of the Legislature to enact legislation that would establish a zero-emission vehicle workforce development pilot project and a Clean Energy Workforce Training Council.	03/12/2025: To SENATE Committee on RULES.
CA SB 715 (Allen (D))	Regional Housing Need: Methodology: Distribution		Provides that the Planning and Zoning Law requires the Department of Housing and Community Development to determine the existing and projected need for housing for each region and requires the appropriate council of governments to adopt a final regional housing need plan. Provides for a proposed distribution methodology. Requires the draft methodology to allocate some or all of the housing need resulting from units lost during a state of emergency that was declared by the Governor.	03/25/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 724 (Richardson (D))	Public Water Systems: Public Housing: Lead Testing		Requires a public water system, including community water systems and noncommunity water systems, that provides service to residents of public housing owned or managed by a city, county, city and county, or city, county, or city and county	03/12/2025: To SENATE Committee on ENVIRONMENTAL QUALITY.

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			housing authority, to provide information to those residents regarding any applicable existing program that offers free testing of the water for lead.	
CA SB 732 (Ochoa Bogh (R))	Emergency Backup Generators: Critical Facilities		Requires an air district without a specified rule on emergency backup generators, as defined, as of January 1, 2026, that adopts such a rule to include in the rule provisions that allow the operator of a critical facility, as defined, to use a permitted emergency backup generator in exceedance of the applicable runtime and testing and maintenance limits if specified conditions are met.	03/12/2025: To SENATE Committee on ENVIRONMENTAL QUALITY.
CA SB 740 (Rubio (D))	Municipal Wastewater Agency: New Agreement		Extends a filing agreement or amendment on a municipal wastewater agency, if the agency enters into a new agreement or amends an agreement pursuant to specified provisions, timeline to specified number of days.	03/12/2025: To SENATE Committees on LOCAL GOVERNMENT and ENVIRONMENTAL QUALITY.
CA SB 741 (Blakespear (D))	Coastal Resources: Coastal Development Permit		Includes as an emergency declaration for the issuance of coastal development permits, a local emergency declaration by a municipality, county, or special district.	03/12/2025: To SENATE Committee on NATURAL RESOURCES AND WATER.
CA SB 742 (Padilla (D))	Water Systems and Water Districts		States the intent of the Legislature to enact subsequent legislation related to the regulation of water systems and water districts.	03/12/2025: To SENATE Committee on RULES.
CA SB 746 (Alvarado-Gil (R))	Urban Water Community Drought Relief Program		Establishes in the Department of Water Resources the Urban Water Community Drought Relief program and the Small Community Drought Relief program to provide grants for similar interim or immediate drought relief. Provides that these programs would authorize funding for benefits in addition to drought relief, including, among other projects, projects that reduce the risk of wildfire for entire neighborhoods and communities.	03/12/2025: To SENATE Committee on NATURAL RESOURCES AND WATER.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 755 (Blakespear (D))	California Procurement Climate Information Act		Enacts the California Procurement Climate Information Act. Requires the Department of General Services, beginning on the specified date, to require a large contractor and significant contractor to report their greenhouse gas emissions and climate related financial risk.	03/12/2025: To SENATE Committees on GOVERNMENTAL ORGANIZATION and ENVIRONMENTAL QUALITY.
CA SB 757 (Richardson (D))	Local Government: Nuisance Abatement		Authorizes, until specified date, the legislative body of a city or county to also collect fines for specified violations related to the nuisance abatement using a nuisance abatement lien or a special assessment. Requires, until specified date, the legislative body of a city or county to also collect fines for specified violations related to the nuisance abatement using a nuisance abatement lien or a special assessment.	03/12/2025: To SENATE Committees on LOCAL GOVERNMENT and JUDICIARY.
CA SB 760 (Allen (D))	Behested Payments: Public Appeal for Payment		Relates to the Political Reform Act of 1974. Exempts a behesting officer or member of the Public Utilities Commission from certain reporting obligations if they make a public appeal for payment, unless it is reasonably foreseeable that the payment will have a material financial effect, distinguishable from its effect on the public generally, on the official or member of the Public Utilities Commission, or a member of their immediate family.	03/24/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 768 (Durazo (D))	Judicial Council: Eviction Data		Requires the Judicial Council to collect data on evictions, as specified, make that data publicly available online, and report that data to the Legislature.	03/12/2025: To SENATE Committee on JUDICIARY.
CA SB 782 (Padilla (D))	Enhanced Infrastructure Financing District: Climate		Provides that existing law authorizes a city, county, or special district to form a climate resilience district for the purposes of raising and allocating funding for eligible projects. Authorizes a city or county to adopt a resolution providing for the division of taxes of any participating entity. Requires the resolution to include specified information, including incremental property tax revenue that may be used to finance the district's activities.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 795 (Richardson (D))	30x30 Goal: State Agencies: Plans		Relates to Executive Order No. N-82-20. Requires all state agencies, including their departments, boards, offices, commissions, and conservancies, to consider the 30x30 goal when adopting, revising, or establishing plans, policies, or regulations, and shall ensure, to the extent feasible, that the plan, policy, or regulation is not inconsistent with the 30x30 goal.	03/12/2025: To SENATE Committees on GOVERNMENTAL ORGANIZATION and NATURAL RESOURCES AND WATER.
CA SB 809 (Durazo (D))	Employees and Independent Contractors: Construction		Provides that mere ownership of a vehicle, including a personal vehicle or a commercial vehicle, or other tools, used by a person in providing labor or services for remuneration does not make that person an independent contractor.	03/28/2025: In SENATE. Read second time and amended. Re-referred to Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT.
CA SB 810 (Dahle M (R))	Electricity: Ratepayer- Funded Programs: Reports		Requires the Energy Commission and the PUC, by July 1, 2025, to each submit to the Legislature a report containing certain information required by Executive Order No. N-5-24.	03/12/2025: To SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS.
CA SB 817 (Choi (R))	Political Reform Act of 1974		Declares the intent of the Legislature to enact future legislation relating to the Political Reform Act of 1974.	03/12/2025: To SENATE Committee on RULES.
CA SB 827 (Gonzalez (D))	Local Agency Officials: Training		Provides that existing law imposes ethics training on specified local agency officials. Expands which local agency officials are required to complete the ethics training to include any managerial level employee with responsibility over the agency's finances and requires officials who commence service on or after the specified date to receive their initial training within a specified number of months of commencing service. Requires the local agency to publish the training records on its website.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 831 (Limon (D))	Geologic Hazards: California Geological Survey		Expands the duties of the Department of Conservation to review and investigate geologic hazards to specifically include geologic hazards that may occur in relation to climate change and make other related changes.	03/12/2025: To SENATE Committee on NATURAL RESOURCES AND WATER.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA SB 833 (McNerney (D))	Critical Infrastructure: Automated Decision Systems		Requires an operator, defined as a State agency in charge of critical infrastructure, that deploys artificial intelligence to establish a human oversight mechanism to monitor the system's operations in real time and review and approve any plan or action proposed by the artificial intelligence system before execution, with specified exceptions. Requires the Department of Technology to administer specialized training in artificial intelligence safety protocols and risk management techniques.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SB 838 (Durazo (D))	Housing Accountability Act: Housing Development Project		Provides that the Housing Accountability Act prohibits a local agency from disapproving a housing development project for very low, low, or moderate income households unless the agency makes certain findings. Revises the definition of housing development project to, in the case of mixed use developments with at least a specified fraction of the new or converted square footage designated for residential use, require that no portion of the project be designated for use as transient lodging, with exceptions.	03/27/2025: Re-referred to SENATE Committee on RULES.
CA SB 842 (Stern (D))	Energy: Firm Zero Carbon Resources		Requires the State Energy Resources Conservation and Development Commission to identify programs it administers that provide, or could provide, financial support to deploy firm zero carbon resources, mechanisms to use uncommitted or new authorized funds in a manner that maximizes system and local reliability benefits and affordability outcomes, and the expected scope of energy resources that could be deployed based on current and expected funding availability.	03/26/2025: In SENATE. Read second time and amended. Re-referred to Committee on RULES.
CA SCR 3 (Laird (D))	Safe Drinking Water Act: 50th Anniversary		Commemorates the 50th anniversary of the Safe Drinking Water Act, celebrates the achievements and progress made under this essential law, and expresses its commitment to the continued protection and improvement of California's drinking water resources.	02/06/2025: In SENATE. Read third time. Adopted by SENATE. *****To ASSEMBLY.

IRWD 2025 LEGISLATIVE MATRIX

Updated: March 31, 2025

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
CA AB 13 a (Gonzalez Je (R))	California Global Warming Solutions Act of 2006		Requires the State Air Resources Board to include greenhouse gas emissions from wildlands and forest fires in its scoping plan.	01/30/2025: INTRODUCED.
US H 231 (Hageman (R))	Energy and Water Development and Related Agencies		Amends the Energy and Water Development and Related Agencies Appropriations Act, to reauthorize the Colorado River System conservation pilot program.	02/12/2025: In HOUSE Committee on NATURAL RESOURCES: Ordered to be reported as amended.
US H 331 (Fulcher (R))	Aquifer Recharge Flexibility Clarification Act		Amends the Aquifer Recharge Flexibility Act to clarify a provision relating to conveyances for aquifer recharge purposes.	02/12/2025: In HOUSE Committee on NATURAL RESOURCES: Ordered to be reported as amended.
US H 337 (Costa (D))	Groundwater Recharge and Water Supply Support Act		Provides technical and financial assistance for groundwater recharge, aquifer storage, and water source substitution projects.	01/13/2025: To HOUSE Committee on NATURAL RESOURCES.
US H 338 (Costa (D))	Enhanced Surface and Groundwater Storage Act		Amends the Infrastructure Investment and Jobs Act to increase surface water and groundwater storage.	01/13/2025: To HOUSE Committee on NATURAL RESOURCES.
US H 471 (Westerman (R))	Fix Our Forests Act		Expedites the National Environmental Policy Act of 1969; improves forest management activities on National Forest System lands, on public lands under the jurisdiction of the Bureau of Land Management, and on Tribal lands to return resilience to overgrown, fire prone forested lands, and for other purposes.	01/23/2025: In HOUSE. Passed HOUSE. *****To SENATE.
US H 1267 (Perez (D))	CERCLA Liability Exemption for PFAS Releases		Exempts certain entities from liability under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 with respect to releases of perfluoroalkyl and polyfluoroalkyl substances.	02/12/2025: To HOUSE Committee on TRANSPORTATION AND INFRASTRUCTURE.
US H 2269 (McClain (R))	Labeling of Products With Do Not Flush Warning		Requires certain products to be labeled with "Do Not Flush" labeling.	03/21/2025: To HOUSE Committee on ENERGY AND COMMERCE.

IRWD 2025 LEGISLATIVE MATRIX

Updated: *March 31, 2025*

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
US HJR 18 (Palmer (R))	National Primary Drinking Water Regulations		Provides for congressional disapproval under a specified chapter and title, United States Code, of the rule submitted by the Environmental Protection Agency relating to "National Primary Drinking Water Regulations for Lead and Copper: Improvements (LCRI)".	01/13/2025: To HOUSE Committee on ENERGY AND COMMERCE.
US S 322 (Padilla (D))	Forecasts of Atmospheric Rivers		Improves the lead time, accuracy, and dissemination of forecasts of atmospheric rivers throughout the United States.	01/29/2025: To SENATE Committee on COMMERCE, SCIENCE, AND TRANSPORTATION.
US S 1092 (Merkley (D))	Labeling of Products With Do Not Flush Warning		Requires certain products to be labeled with Do Not Flush labeling.	03/24/2025: To SENATE Committee on COMMERCE, SCIENCE, AND TRANSPORTATION.

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April 14, 2025
 Prepared and
 submitted by: C. Compton
 Approved by: Paul A. Cook *PA. Cook*

CONSENT CALENDAR

ACWA 2025 ELECTION FOR THE 2026-2027 TERM

SUMMARY:

The Association of California Water Agencies (ACWA) has issued a combined notice of election for the 2026-2027 ACWA President and Vice President and for the 2026-2027 Region Boards. To participate in the voting process, an ACWA member agency must designate a voting representative and submit the “Authorized Voting Representative Form” by June 20, 2025.

Staff recommends that the Board designate Vice President Steve LaMar as IRWD’s voting representative for the 2025 ACWA elections and authorize staff to submit the “Authorized Voting Representative” form to ACWA designating Director LaMar as the District’s authorized voting representative for the upcoming election.

BACKGROUND:

Every two years ACWA provides the opportunity for the Association’s membership to elect the ACWA President, Vice President, and Region Boards of Directors. The elected officers and board members will serve two-year terms beginning in 2026.

The electronic format of voting that was established for the 2023 ACWA elections was a success, and this year the election for both the officers and region boards will be conducted electronically on the same ballot.

ACWA 2026-2027 Voting Process:

On March 3, ACWA sent a memorandum to each of its members regarding this year’s election for President, Vice President, and Region Boards of Directors. The Memorandum is attached as Exhibit “A” and outlines the ACWA voting process.

The ACWA election process and timeline for both the officer election and the region board elections is also depicted below:

ACWA Election Process and Timeline

BOARD OFFICERS & REGION BOARDS ELECTION TIMELINE

Feb. 28	April 21	June 20	July 21	Sept. 19	Sept. 26	Dec. 3
Committees Appointed	Call for Candidates	Voter Designation & Candidate Filing Deadline (Due by 5 p.m.)	Election Opens	Election Closes	Results Announced	Officers and Boards Introduced
Board: Election Committee Region: Nominating Committees	Nominating information sent to ACWA Membership	Board: Nominating resolutions & statements due Region: Nomination forms due	Electronic ballot sent to designated voter	Electronic ballot due by 5 p.m.	2026-'27 President, Vice President & region boards announced	2026-'27 President, Vice President & region boards introduced at fall conference

ACWA's election procedure requires that each ACWA member agency wishing to participate in the combined election for officers and regional boards must designate a voting representative and submit a "Authorized Voting Representative Form", which is attached as Exhibit "B," identifying that individual as the agency's designated voting representative by June 20. If the member does not submit the requisite form by June 20, the member's General Manager will be considered the agency's authorized voting representative per the ACWA election rules.

On July 21, authorized voters designated by ACWA Member agencies will receive an electronic ballot for the combined 2026-2027 ACWA President and Vice President and the 2026-2027 Region Boards election. The voting period will take place electronically from July 21 to September 19, 2025.

Staff recommends that the Board designate Director Steve LaMar as IRWD's voting representative for the 2025 ACWA Election.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on April 3, 2025.

RECOMMENDATION:

THAT THE BOARD DESIGNATE DIRECTOR STEVE LAMAR AS IRWD'S VOTING REPRESENTATIVE FOR THE ACWA PRESIDENTIAL AND VICE-PRESIDENTIAL ELECTION AND FOR THE ELECTION OF THE REGION 10 BOARD OF DIRECTORS, AND AUTHORIZE STAFF TO SUBMIT THE "AUTHORIZED VOTING REPRESENTATIVE FORM" TO ACWA DESIGNATING DIRECTOR LAMAR AS THE DISTRICT'S AUTHORIZED VOTING REPRESENTATIVE FOR THE UPCOMING 2025 ACWA ELECTION.

LIST OF EXHIBITS:

Exhibit "A" – ACWA 2025 Board Officers' Election Memorandum

Exhibit "B" – ACWA Authorized Voting Representative Form

MARCH 3, 2025

ACWA Kicks off Election Process for 2026-'27 President, Vice President, Region Boards



Designate Voting Representative Now

ACWA has launched the election process for the 2026-'27 term for President, Vice President, and region board members. This year, the election process for officers and region boards is now combined. Voting for both sets of candidates will be done electronically by each member agency's designated voter on a single ballot. Agencies can designate their voting representative now by visiting acwa.com/elections and submitting the [Authorized Representative and Information Form](#) by the June 20 deadline.

Designate Voter

ACWA will issue an official call for candidates for President, Vice President and region boards on April 21. All candidates will have until June 20 to submit necessary documents to be eligible. Voting will take place electronically July 21 – Sept. 19 and ballots will include all qualified candidates for President, Vice President and region board members. Voting members will need to submit their ballots by 5 p.m. on Sept. 19. The winners of the election will be announced by the end of September.

An Election Committee has been appointed to facilitate the election of the President and Vice President, including confirming that candidates' eligibility criteria have been met and endorsing preferred candidates. The 11-member committee includes one representative appointed by the current ACWA President and 10 region representatives appointed by each of the region boards.

Nominating Committees have also been appointed for each region to pursue qualified member candidates to run for the region boards. The Nominating Committee is appointed by the region chair in concurrence with the region board during odd-

numbered years. The Nominating Committee will select a recommended slate for each region.

The appointed committee members can be viewed online at acwa.com/elections.

Questions

To learn more about both election processes, including key dates, visit acwa.com/elections.

Bringing Water Together



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980 9th St. Ste. 1000, Sacramento, CA 95814

We hope you enjoy receiving email notices and updates from ACWA. At any time you can click here to [unsubscribe](#) or to change your subscription preferences.

[Read online](#)

ACWA has launched the election process for the 2026-'27 term for President, Vice President, and region board members. This year, the election for both officers and region boards is combined.

Key Details:

- **Electronic Voting:** Voting for both sets of candidates will be done electronically by each member agency's designated voter on a single ballot.
- **Designate Your Voter:** Each agency must **designate one voting representative by June 20**. To designate your agency's voter, please submit the Authorized Voting Representative Form by the June deadline.
- **Default Voter:** If no representative is designated by the deadline, your agency's General Manager will be the authorized voter by default.
- **Ballot Distribution:** Authorized voters will receive an electronic ballot on July 21.

For more information about ACWA's elections, visit: www.acwa.com/elections.

The person designated below will cast our agency's vote for the election of ACWA's President and Vice President and Region Board for the 2026-'27 term in the upcoming election.

Member Agency's Name		Agency's Phone No.
Authorized Voting Representative's Name	Authorized Voting Representative's Email	Authorized Voting Representative's Phone No.

Print Name of Member Agency's Authorized Signatory

Authorized Signatory Signature

Date

SUBMIT YOUR FORM

To: Donna Pangborn, Senior Clerk of the Board
Email: donna@acwa.com
Mail: 980 9th Street, Suite 1000, Sacramento, CA 95814

SUBMISSION DEADLINE


JUNE 20, 2025

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April 14, 2025

Prepared by: F. Sanchez / E. Akiyoshi

Submitted by: F. Sanchez / P. Weghorst

Approved by: Paul A. Cook 

CONSENT CALENDAR

WATER SUPPLY ASSESSMENT AND WATER SUPPLY VERIFICATION FOR THE GATEWAY RESIDENTIAL PROJECT

SUMMARY:

In early 2025, staff received a request from the City of Irvine to prepare a Water Supply Assessment (WSA) and Water Supply Verification (WSV) for the Gateway Residential Project located in IRWD's Planning Area 2. Staff prepared the WSA and WSV for the proposed project and recommends that the Board approve both documents.

BACKGROUND:

The proposed Gateway Residential Project in the City of Irvine is designed for the construction of 1,360 new residential dwelling units on approximately 120 acres at the southeast corner of Portola Parkway and Jeffrey Road. The project site is located in Planning Area 2. The project is not included in the existing City of Irvine General Plan; the project site is currently designated for Recreation, and a General Plan Amendment will be necessary. A location map of the Gateway Residential Project is provided as Exhibit "A."

The City of Irvine requested that IRWD prepare both a WSA and a WSV for the Gateway Residential Project consistent with SB 610 and SB 221 that were passed and signed by the Governor of California in 2001. Both laws went into effect in January 2002. Staff has prepared both documents as described below.

Water Supply Assessment:

The WSA for the proposed Gateway Residential Project was prepared based on information from the most recent IRWD Water Resources Master Plan. The WSA concludes that the total water supplies available to IRWD during normal, single-dry, and multiple-dry years within a 20-year projection will meet the projected water demand of the project. Estimates for a normal year in 2045 show an increase in IRWD potable water demands of 238 acre-feet per year (AFY) from 84,857 AF at baseline demand to 85,095 AF with the project. In addition, non-potable demand decreases by 118 AFY in 2045 from 29,339 AF at baseline to 29,221 AF with the project. These demand changes are in addition to the existing and planned future uses including, but not limited to, agricultural and manufacturing. The completed WSA is provided as Exhibit "B".

Water Supply Verification:

A WSV has been completed for the proposed project and is provided as Exhibit "C". The data in the WSV is based upon the prepared WSA which contains IRWD's determination that a sufficient water supply is available. SB 221 requires several additional elements be included in the WSV that are not covered or required in the WSA. These elements are primarily covered in

Sections 1(b)(ii), 1(b)(iii), and 1(b)(iv) of the “Detailed Verification” section in the attached WSV. This information and the IRWD-approved WSA reflect IRWD’s confirmation that the project water demands, together with demands from any other developments that have previously received WSVs or will-serve, or other projects that have come to IRWD’s attention either through developers or through the respective land use agency approval process, are within the demands identified by that WSA. In accordance with this procedure, the attached WSV is based on the WSA and on information contained in the WSV.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed at the April 3, 2025, Water Resources Policy and Communications Committee Meeting.

RECOMMENDATION:

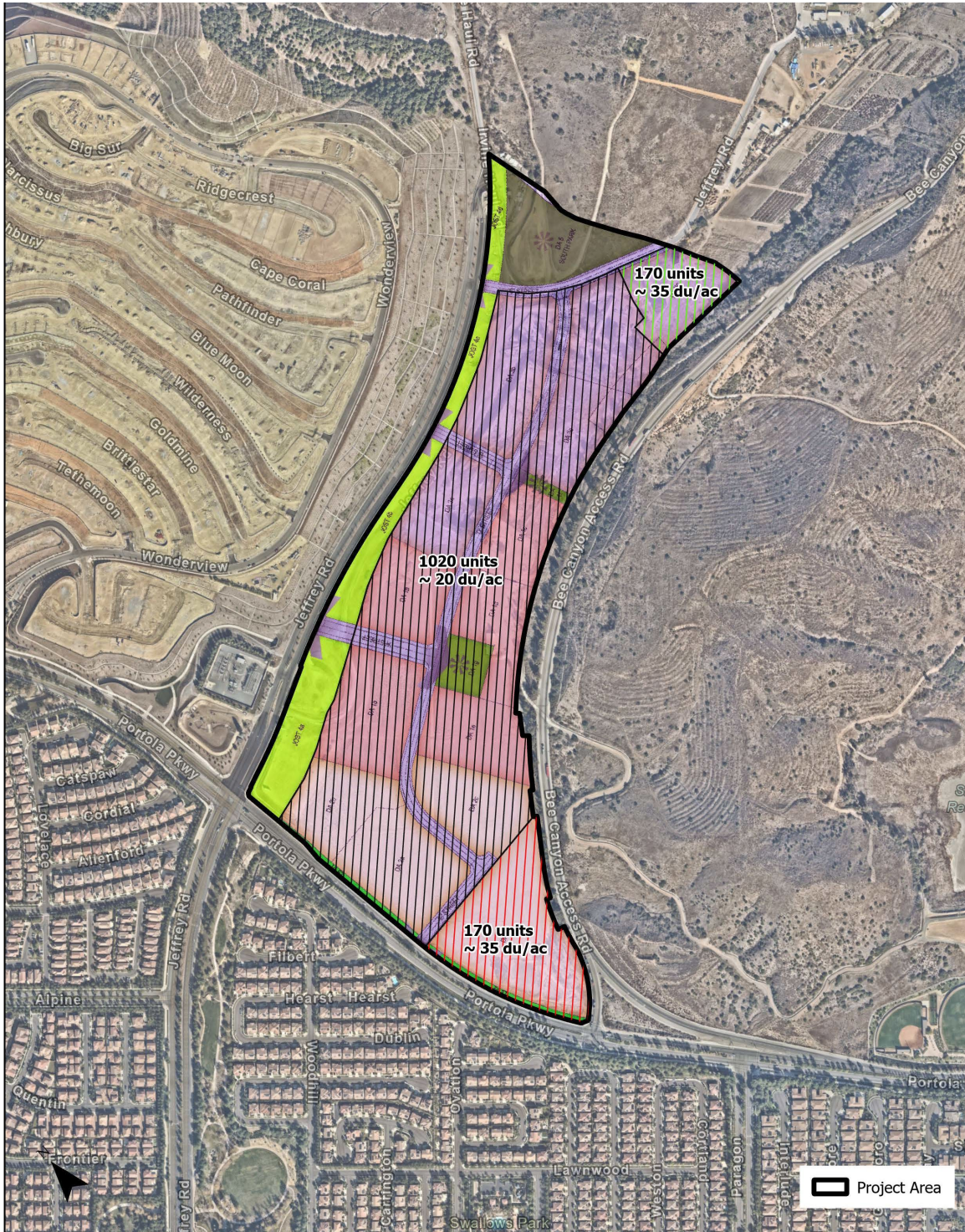
THAT THE BOARD APPROVE THE WATER SUPPLY ASSESSMENT AND CONTINGENT UPON APPROVAL OF THE WATER SUPPLY ASSESSMENT, APPROVE THE WATER SUPPLY VERIFICATION FOR THE GATEWAY RESIDENTIAL PROJECT.

LIST OF EXHIBITS:

- Exhibit “A” – Gateway Residential Project Location Map
- Exhibit “B” – Water Supply Assessment for the Gateway Residential Project
- Exhibit “C” – Water Supply Verification for the Gateway Residential Project

Exhibit "A"

Gateway Residential Project in PA2



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**IRVINE RANCH WATER DISTRICT
ASSESSMENT OF WATER SUPPLY**
Water Code §10910 et seq.

To: (Lead Agency)

City of Irvine
One Civic Center Plaza
Irvine, CA 92623-9575

(Applicant)
Brookfield Residential
3200 Park Center Drive, Suite 100
Costa Mesa, CA 92626

Project Information

Project Title: Gateway Residential (Attachment A)

- Residential: No. of dwelling units: 1,360 dwelling units (See Attachment B)
- Shopping center or business: No. of employees N/A Sq. ft. of floor space N/A
- Commercial office: No. of employees _____ Sq. ft. of floor space _____
- Hotel or motel: No. of rooms _____
- Industrial, manufacturing or processing: No. of employees _____ No. of acres _____
Sq. ft. of floor space _____
- Mixed use (check and complete all above that apply) _____
- Other: _____

Assessment of Availability of Water Supply

On _____ the Board of Directors of the Irvine Ranch Water District (IRWD) approved the within assessment and made the following determination regarding the above-described Project:

- The projected water demand for the Project was was not included in IRWD's most recently adopted urban water management plan.
- A sufficient water supply is available for the Project.
The total water supplies available to IRWD during normal, single-dry and multiple-dry years within a 20-year projection will meet the projected water demand of the Project in addition to the demand of existing and other planned future uses, including, but not limited to, agricultural and manufacturing uses.
- A sufficient water supply is not available for the Project. *[Plan for acquiring and developing sufficient supply attached. Water Code § 10911(a)]*

The foregoing determination is based on the following Water Supply Assessment Information and supporting information in the records of IRWD.

Signature Date Title

Typetext he

Water Supply Assessment Information

Purpose of Assessment

Irvine Ranch Water District (“IRWD”) has been identified by the City as a public water system that will supply water service (both potable and nonpotable) to the project identified on the cover page of this assessment (the “Project”). As the public water system, IRWD is required by Section 10910 *et seq.* of the Water Code to provide the City with an assessment of water supply availability (“assessment”) for defined types of projects. The Project has been found by the City to be a project requiring an assessment. The City is required to include this assessment in the environmental document for the Project, and based on the record, make a determination whether projected water supplies are sufficient for the Project and existing and planned uses.

Water Code Section 10910 *et seq.* (the “Assessment Law”) contains the requirements for the information to be set forth in the assessment.

Prior Water Supply Assessments

IRWD does not allocate particular supplies to any project but identifies total supplies for its service area. Because of IRWD’s aggregation of demands and supplies, each assessment completed by IRWD is expected to be generally similar to the most recent assessment, with changes as needed to take into account changes, if any, in demands and supplies, and any updated and corrected information obtained by IRWD. Previously assessed projects’ water demands will be included in the baseline. A newly assessed project’s water demand will have been included in previous water supply assessments for other projects (as part of IRWD’s “full build-out” demand) to the extent of any land use planning or other water demand information for the project that was available to IRWD.

The Project’s water demand was included (as part of IRWD’s “full build-out” demand) in previous water supply assessments performed by IRWD, based on land use planning information available to IRWD. In this water supply assessment, the Project demand will be revised in accordance with updated information provided by the applicant and included in the “with project” demand.

Supporting Documentation

IRWD prepares two planning documents to guide water supply decision-making. IRWD’s principal planning document is IRWD’s “Water Resources Master Plan” (“WRMP”). The WRMP is a comprehensive document compiling data and analyses that IRWD considers necessary for its planning needs. IRWD also prepares an Urban Water Management Plan (“UWMP”), a document required by statute. The UWMP is based on the WRMP, but contains defined elements as listed in the statute (Water Code Section 10631 *et seq.*), and, as a result, is more limited than the WRMP in the treatment of supply and demand issues. Therefore, IRWD primarily relies on its most recent WRMP. The UWMP is required to be updated in years ending with “five” and “zero,” and IRWD’s most recent update of that document (2020 UWMP) was adopted in June 2021.

In addition to the WRMP and the 2020 UWMP mentioned above, other supporting documentation referenced herein is found in Section 6 of this assessment.

Due to the number of contracts, statutes and other documents comprising IRWD's written proof of entitlement to its water supplies, in lieu of attachment of such items, they are identified by title and summarized in Section 2(b) of this assessment (written contracts/proof of entitlement). Copies of the summarized items can be obtained from IRWD.

Assessment Methodology

Water use factors; dry-year increases. IRWD employs water use factors to enable it to assign water demands to the various land use types and aggregate the demands. The water use factors are based on average water use and incorporate the effect of IRWD's tiered-rate conservation pricing and its other water use efficiency programs. The factors are derived from historical usage (billing data) and a detailed review of water use factors within the IRWD service areas conducted as a part of the WRMP. System losses at a rate of approximately 5% are built into the water use factors. Water demands also reflect normal hydrologic conditions (precipitation). Lower levels of precipitation and higher temperatures will temporarily result in higher water demands, due primarily to the need for additional water for irrigation. To reflect this, base (normal) WRMP water demands have been increased by 7% in the assessment during both "single-dry" and "multiple-dry" years. This increase in estimated demands is considered conservative and is consistent with the Municipal Water District of Orange County's ("MWDOC") 2020 UWMP which assumes increased demands in single-dry and multiple dry years of 6% based on MWDOC's Orange County Reliability Study (MWDOC 2020 UWMP, pg. 7-2). The Metropolitan Water District of Southern California ("MWD") also considers these weather variables in their climate adjustment factors when forecasting demands, as documented in MWD's 2020 UWMP which shows an average increase of 8% for single dry year demands (MWD 2020 UWMP Tables 2-4, 2-5, 2-6) and also documented in their 2020 Integrated Resources Plan - Regional Needs Assessment (2022).

Planning horizon. In accordance with Water Code Section 10910, this assessment reviews demands and supplies covering a 20-year planning horizon. For consistency with IRWD's WRMP, the assessment reviews demands and supplies through the year 2045, which is considered to include build-out or "ultimate development".

Assessment of demands. Water demands are reviewed in this assessment for three development projections (to 2045):

- Existing and committed demand (without the Project) ("baseline"). This provides a baseline condition as of the date of this assessment, consisting of demand from existing development, plus demand from development that has both approved zoning and (if required by the Assessment Law) an adopted water supply assessment.
- Existing and committed demand, plus the Project ("with-project"). This projection adds the Project water demands to the baseline demands.
- Full WRMP build-out ("full build-out"). In addition to the Project, this projection adds potential demands for all presently undeveloped areas of IRWD based on current general plan information, modified by more specific information available to IRWD, as more fully described in Chapter 2 of the WRMP.

Assessment of supplies. For comparison with demands, water supplies are classified as *currently available* or *under development*:

- *Currently available* supplies include those that are presently operational, and those that will be operational within the next several years. Supplies expected to be operational in the next several years are those having completed or substantially completed the environmental and regulatory review process, as well as having necessary contracts (if any) in place to move forward. These supplies are in various stages of planning, design, or construction.
- In general, supplies *under development* may necessitate the preparation and completion of environmental documents, regulatory approvals, and/or contracts prior to full construction and implementation.

IRWD is also evaluating the development of additional supplies that are not included in either *currently available* or *under-development* supplies for purposes of this assessment. As outlined in the WRMP, prudent water supply and financial planning dictates that development of supplies be phased in over time consistent with the growth in demand.

Water supplies available to IRWD include several sources: groundwater pumped from the Orange County groundwater basin (including the Irvine Subbasin); captured local (native) surface water; recycled sewage; and supplemental imported water supplied by MWD through the MWDOC. The supply-demand comparisons in this assessment are broken down among the various sources and are further separated into potable and nonpotable water sources.

Comparison of demand and supply. The three demand projections noted above (baseline, with-project and full build-out) are compared with supplies in the following ways:

- On a total *annual* quantity basis (stated in acre-feet per year (“AFY”)).
- On a *peak-flow* (maximum day) basis (stated in cubic feet per second (“cfs”)).
- Under three climate conditions: base (normal) conditions and single-dry and multiple-dry year conditions. (Note: These conditions are compared for *annual* demands and not for *peak-flow* demands. *Peak-flow* is a measure of a water delivery system’s ability to meet the highest day’s demand of the fluctuating demands that will be experienced in a year’s time. Peak demands occur during the hot, dry season and as a result are not appreciably changed by dry-year conditions; dry-year conditions do affect *annual* demand by increasing the quantity of water needed to supplement normal wet-season precipitation.)

Summary of Results of Demand-Supply Comparisons

Listed below are Figures provided in this assessment, comparing projected potable and nonpotable water supplies and demands under the three development projections:

- Figure 1: Normal Year Supply and Demand – Potable Water
- Figure 2: Single Dry-Year Supply and Demand – Potable Water
- Figure 3: Multiple Dry-Year Supply and Demand – Potable Water
- Figure 4: Maximum-Day Supply and Demand – Potable Water
- Figure 5: Normal Year Supply and Demand – Nonpotable Water
- Figure 6: Single Dry-Year Supply and Demand – Nonpotable Water
- Figure 7: Multiple Dry-Year Supply and Demand – Nonpotable Water
- Figure 8: Maximum-Day Supply and Demand – Nonpotable Water

It can be observed in the Figures that IRWD's *supplies* remain essentially constant between normal, single-dry, and multiple-dry years. This result is due to the fact that groundwater and MWD imported water account for the majority of all of IRWD's potable supply, and recycled water, groundwater and imported water comprise all of IRWD's nonpotable supply. Groundwater production typically remains constant or may increase in cycles of dry years, even if overdraft of the basin temporarily increases, as groundwater producers reduce their demand on imported supplies to secure reliability. (See Section 4 herein.) As to imported water, MWD's 2020 Urban Water Management Plan (MWD 2020 UWMP) concludes that MWD has supply capabilities sufficient to meet expected demands from 2025 through 2045 under a single dry year condition and a period of drought lasting five consecutive water years, as well as in a normal water year hydrologic condition. (See also Section 2(b) (1) "IMPORTED SUPPLY - ADDITIONAL INFORMATION," below.) Recycled water production also remains constant and is considered "drought-proof" as a result of the fact that sewage flows remain virtually unaffected by dry years. Only a small portion of IRWD's supply, native water captured in Irvine Lake, is reduced in single-dry and multiple-dry years. The foregoing factors also serve to explain why there is no difference in IRWD's supplies between single-dry and multiple-dry years.

A review of the Figures indicates the following:

- *Currently available* supplies of potable water are adequate to meet annual demands for the *baseline*, *with-project* and *full build-out* scenarios projected under the normal year, and the single- and multiple-dry year conditions through the year 2045. (Figures 1, 2 and 3.) IRWD plans to proceed with the implementation of future potable supplies (*under development*), as shown in the Figures, to improve local reliability during dry-year conditions.
- Adequate *currently available* potable water supply capacity is available to meet *peak-flow* (maximum day) demands for all demand projections through the year 2045. (Figure 4.)
- With respect to nonpotable water, *currently available* supplies are adequate to meet projected annual demands for both the *baseline* and *with-project* demand projections under both dry-year conditions through the year 2045. (Figures 5, 6, 7 and 8.) IRWD has implemented all planned nonpotable supplies, as shown in the Figures, to improve local reliability during dry-year conditions.

The foregoing Figures provide an overview of IRWD potable and nonpotable water supply capabilities. More detailed information on the anticipated development and use of supplies, which incorporates source costs and reliability issues, is provided in the WRMP.

Margins of safety. The Figures and other information described in this assessment show that IRWD's assessment of supply availability contains several margins of safety or buffers:

- "Reserve" water supplies (excess of supplies over demands) will be available to serve as a buffer against inaccuracies in demand projections, future changes in land use, or alterations in supply availability.
- Conservative estimates of annual potable and nonpotable *imported* supplies have been made based on connected delivery capacity (by application of peaking factors as

described below in Section 2, footnote 1); additional supplies are expected to be available from these sources, based on legal entitlements, historical uses and information provided by MWD. In addition to MWD's existing regional supply assessments, this assessment has considered MWD information concerning operational limits on Delta pumping. See "**Actions on Delta Pumping**," below.

- Information provided by MWD, as the imported water supplier, concerning the adequacy of its regional supplies, summarized herein, demonstrates MWD's inclusion of reserves in its regional supply assessments. In addition to MWD's existing regional supply assessments, this assessment has considered MWD's information concerning operational limits on Delta pumping. See "**Actions on Delta Pumping**," below.

- Although groundwater supply amounts shown in this assessment assume production levels within applicable basin production percentages described herein, production of groundwater can exceed applicable basin production percentages on a short-term basis, which can provide additional reliability during dry years or emergencies. See "**IRWD's Evaluation of Effect of Reduced MWD Supplies to IRWD**," below.

Actions on Delta Pumping. The Sacramento/San Joaquin Delta ("Delta") is a vulnerable component in both the State and Federal systems to convey water from northern portions of California to areas south of the Delta. Issues associated with the Delta have generally been known for years; however, the continuing decline in the number of endangered Delta smelt resulted in the filing of litigation challenging permits for the operation of the Delta pumping facilities. On August 31, 2007, a Federal court ordered interim protective measures for the endangered Delta smelt, including operational limits on Delta pumping, which have an effect on State Water Project ("SWP") operations and supplies. On June 4, 2009, a federal biological opinion imposed rules that further restrict water diversions from the Delta to protect endangered salmon and other endangered fish species. Several proceedings concerning Delta operations were initiated to evaluate options to address Delta smelt impacts and other environmental concerns. In addition to the regulatory and judicial proceedings to address immediate environmental concerns, the Delta Vision process and Bay-Delta Conservation Plan ("BDCP") process were established to identify long-term solutions for the Delta. In addition, State and federal agencies and water user entities are currently engaged in the development of the Delta Conveyance Project (previously California WaterFix), which is aimed at making physical and operational improvements in the Delta necessary to improve south of the Delta SWP water supplies and water quality and protect ecosystem health in the Delta (MWD 2020 UWMP). Prior to the 2007 court decision, MWD's Board approved a Delta Action Plan in May 2007, that described short, mid and long-term conditions and the actions to mitigate potential supply shortages and to develop and implement long-term solutions. To address uncertainties in expected SWP supplies, in October 2007, MWD prepared its 2007 Integrated Resources Plan ("IRP") Implementation Report, in which MWD estimated that it could see as much as up to a 22% reduction on average of its SWP supplies based on the court order. As part of its ongoing long term planning, in its 2010 IRP Update, MWD identified changes to the long-term plan and established direction to address the range of potential changes in water supply planning. The 2010 IRP also discusses dealing with uncertainties related to impacts of climate change (see additional discussion of this below), as well as actions to protect endangered fisheries. The 2010 IRP Update emphasizes an evolving approach and suite of actions to address the water supply challenges that are posed by uncertain weather patterns, regulatory and environmental restrictions, water quality impacts and changes in the state and the region. The 2010 IRP Update includes MWD's Adaptive Resource Management Strategy three components: Core Resources Strategy, Supply Buffer Implementation and Foundational Actions, which together

provides the basis for the 2010 IRP Update. The 2010 IRP Update expands the concept of developing a planning buffer from the 2004 IRP Update by implementing a supply buffer equal to 10 percent of the total retail demand.

In January 2016, MWD adopted its 2015 IRP Update. In the 2015 IRP Update, MWD continued its Adaptive Resource Management Strategy and integrated future supply actions to improve the viability of potential contingency resources as needed, and to position the region to effectively implement these resources in a timely manner. The 2015 IRP finds that additional actions are needed in investments in conservation, local supplies, the Delta Conveyance Project (previously California WaterFix), and stabilizing Colorado River supplies. Among the supply actions, MWD will continue to work collaboratively with state and federal agencies on the California WaterFix, maximize its storage and transfer approach, and continue to develop and protect local supplies and conservation.

MWD is currently developing its 2020 IRP Update and has completed and adopted a 2020 IRP Regional Needs Assessment which is considered Phase 1 of the 2020 IRP. A One Water Implementation phase will be Phase 2 of the 2020 IRP. The One Water Implementation will take the results and findings of Phase 1 to identify integrated regional solutions. It will include an updated Adaptive Management Strategy, policies, programs and projects to address the findings and mitigate any potential shortages.

IRWD's Evaluation of Effect of Reduced MWD Supplies to IRWD: In the MWD 2020 UWMP, MWD states it has supply capability that would be sufficient to meet expected demands from 2025 to 2045 under single dry year and multiple dry year conditions.¹

Based on the prior MWD 2007 IRP Implementation Report and also reported in the MWD 2015 IRP, MWD estimated that it could receive reduction of SWP supplies of up to 22% on average until a long-term solution was implemented. For purposes of ensuring a conservative analysis, IRWD made an evaluation of the effect of the 22% estimated reduction of MWD's SWP supplies on its overall imported supplies. IRWD estimates that 22% reduction of SWP supplies conservatively translates to approximately 16% reduction in all of MWD's imported supplies over the years 2025 through 2045. For this purpose, it is assumed that MWD's total supplies consist only of imported SWP and Colorado deliveries. Based on this estimate, this assessment uses a 16% reduction in MWD supplies available to IRWD for the years 2025 through 2045, using IRWD's connected capacity without any water supply allocation imposed by MWD. This reduction in MWD supplies is reflected in Figures 1, 2, 3, 5, 6, and 7. (See also the footnote 1).

Per the MWD 2020 UWMP, MWD performs water shortage planning in its Water Surplus and Drought Management ("WSDM") Plan (1988) which guides MWD's planning and operations during both shortage and surplus conditions. Furthermore, MWD developed the Water Supply Allocation Plan ("WSAP") (dated February 2009, updated December 2014) which provides standardized methodology for allocation of MWD's supplies during times of shortage. The WSDM Plan distinguishes between shortages, severe shortages, and extreme shortages.

¹ The MWD 2020 UWMP utilized DWR's 2019 SWP Delivery Capability Report to estimate future SWP supplies for 2025 through 2045. These estimates incorporate the effect of regulatory requirements in accordance with biological opinions and also reflect potential impacts of climate change on SWP operations. Tables A.3-7 of the MWD 2020 UWMP reflect 58% or 1.1 MAF in MWD's expected average year SWP entitlement supplies. This amount is a higher expected average than MWD's 2015 estimate of 984,000 AF. For purposes of a conservative analysis, IRWD has used the 22% reduction in its supplies from MWD as the basis of IRWD's analysis.

These terms have specific meanings relating to MWD’s ability to deliver water and the actions it takes. In June 2008, MWD’s Board adopted a Water Supply Condition Framework to communicate the urgency of the region’s water supply situation and the need for further water conservation to reduce regional demands, MWD uses the WSDM Plan and Framework to determine if a WSAP is recommended.

As an alternative means of analyzing the effect of reduced MWD supplies on IRWD, listed below are Figures provided comparing projected potable water supplies and demands in all of the five year increments, under a temporary MWD allocation scenario:

- Figure 1a: Normal Year Supply and Demand (MWD Allocated) – Potable Water
- Figure 2a: Single Dry-Year Supply and Demand (MWD Allocated) – Potable Water
- Figure 3a: Multiple Dry-Year Supply and Demand (MWD Allocated) – Potable Water

Figures 1a, 2a, and 3a show IRWD’s estimated supplies (average and single and multiple dry years) under a short-term MWD water supply allocation scenario whereby MWD declares a shortage stage under its WSAP, and a cutback is applied to IRWD’s actual usage rather than its connected capacity. IRWD’s evaluation of reduced MWD supplies to IRWD as shown in Figures 1a, 2a and 3a conservatively analyzes the effect of up to a MWD level 5 Regional Shortage Level. In addition, these Figures do not reflect a reduction in demands, thus representing a more conservative view of IRWD’s supply capability. (see “**Recent Actions Related to Drought Conditions**” below)

On April 14, 2015, MWD approved the implementation of its WSAP at a level 3 Regional Shortage Level and an effective 15% reduction in regional deliveries effective July 1, 2015, through June 30, 2016. As a result of IRWD’s diversified water supplies, IRWD is reliant on MWD for only 20% of its total supplies. IRWD’s evaluation of reduced MWD supplies to IRWD as shown in Figures 1a, 2a and 3a includes MWD’s 2015 actions to implement a level 3 Regional Shortage Level and 15% reduction.

Under shortage scenarios, IRWD may need to supplement supplies with production of groundwater, which can exceed the applicable basin production percentage on a short-term basis, providing additional reliability during dry years or emergencies.²

² In these scenarios, it is anticipated that other water suppliers who produce water from the Orange County Basin will also experience cutbacks of imported supplies and will increase groundwater production and that Orange County Water District (“OCWD”) imported replenishment water may also be cutback. The OCWD’s “2021-2022 Engineer’s Report on the Groundwater Conditions, Water Supply and Basin Utilization” references a report (OCWD Report on Evaluation of Orange County Groundwater Basin Storage and Operational Strategy, 2007) which recommends a basin management strategy that provides general guidelines for annual basin refill or storage decrease based on the level of accumulated overdraft. It states: “Although it is considered to be generally acceptable to allow the basin to decline to 500,000 AF overdraft for brief periods due to severe drought conditions and lack of supplemental water...an accumulated overdraft of 100,000 AF best represents an optimal basin management target. This optimal target level provides sufficient storage space to accommodate anticipated recharge from a single wet year while also providing water in storage for at least 2 or 3 consecutive years of drought.” MWD replenishment water is a supplemental source of recharge water and OCWD estimates other main supply sources for recharge are available.

In addition, IRWD has developed water banking projects in Kern County, California which may be called upon for delivery of supplemental banked water to IRWD under a MWD WSAP.³ IRWD may also convert non-potable water uses to recycled water as a way to conserve potable water. In addition, if needed, resultant net shortage levels can be addressed by demand reduction programs as described in IRWD's updated Water Shortage Contingency Plan adopted in 2021. IRWD's Water Shortage Contingency Plan provides procedures for responding to various levels of supply shortages through a combination of supply augmentation and demand management measures. As stated in IRWD's Water Shortage Contingency Plan, use of local supplies, storage and other supply augmentation measures can mitigate shortages, and are used as necessary and appropriate during declared shortage levels.

It can be noted that IRWD's above approach is conservative, in that IRWD evaluates the effect of the 16% reduction through 2045 and shows the effect of current allocation scenarios in all of the five-year increments. However, MWD reports that it has made significant progress in other water resource categories such as transfers, groundwater storage and developing other local resources, and supplies will be available from these resources over the long-term.

Climate Change. The California Department of Water Resources ("DWR") released a report "Progress on Incorporating Climate Change into Management of California's Water Resources" (July 2006), considering the impacts of climate change on the State's water supply. In 2012, DWR adopted phase 1 of its Climate Action Plan, its department-wide plan for reducing greenhouse gas emissions (GHG). In September 2018, the DWR released phase 2 of its Climate Action Plan, which is DWR's guide to addressing climate change in the programs, projects, and activities over which it has authority. Per this guidance, California's climate policy focuses on reducing GHG emissions, preparing for climate change impacts, and supporting climate-related research to inform policy responses and decision-making processes.

In MWD's 2015 IRP Update, MWD recognizes there is additional risk and uncertainty associated with climate change that may affect future supply and demands. In the 2015 IRP Update, MWD states that it plans to hedge against supply and demand uncertainties by implementing a long-term plan that recognizes the risk and provides resource development to offset the risk. Per the MWD 2020 UWMP, for longer term risks, like climate change, MWD established a Robust Decision Making ("RDM") approach that can show how vulnerable the region's reliability is to the longer-term risks such as climate change and can also establish "signposts" that can be monitored to see when crucial changes may be happening. MWD states in its 2020 UWMP that the RDM analysis was valuable in identifying vulnerabilities to its 2015 IRP approach to long-term reliability and in understanding how climate change would best be incorporated into the 2020 IRP.

Per the MWD 2020 UWMP, MWD continues to incorporate current climate change science into its planning efforts and MWD has made great efforts to implement GHG mitigation programs and policies for its facilities and operations. In 2022, MWD released a Climate Action Plan which complements MWD's IRP planning process and set reduction targets and outlined strategies to reduce emission levels by 2045. In MWD's 2020 IRP Regional Needs Assessment, MWD finds that SWP supplies are highly susceptible to varying hydrologic conditions, climate change, and regulatory restrictions. In this report, MWD assesses climate

³ IRWD has developed water banking projects ("Water Bank") in Kern County, California and has entered into a 30-year water banking partnership with Rosedale-Rio Bravo Water Storage District to operate IRWD's Strand Ranch and Stockdale West portions of the Water Bank. The Water Bank can improve IRWD's water supply reliability by capturing lower cost water available during wet hydrologic periods for use during dry periods. The Water Bank can enhance IRWD's ability to respond to drought conditions and potential water supply interruptions.

vulnerabilities and the need for future projects such as indirect potable reuse, stormwater capture, and expanded storage capacity to mitigate and adapt to these vulnerabilities and ensure future resilience. Specific climate change impacts on regional and local water supplies and relevant information for the Orange County hydrologic basin and Santa Ana Watershed have not been sufficiently developed at this time to permit IRWD to assess and quantify the effect of any such impact on its conclusions in the Assessment.

Catastrophic Supply Interruption Planning. MWD has developed Emergency Storage Requirements (MWD 2020 UWMP) to safeguard the region from catastrophic loss of water supply. MWD has made substantial investments in emergency storage and has based its planning on a 100% reduction in its supplies for a period of six months. The emergency plan outlines that under such a catastrophe, non-firm service deliveries would be suspended, and firm supplies would be restricted by a mandatory cutback of 25 percent from normal year demand deliveries. In addition, MWD discusses DWR's investments in improvements on the SWP and the long term Delta plan in the MWD 2020 UWMP (pages 3-19 to 3-23). IRWD has also addressed supply interruption planning in its WRMP and 2020 UWMP.

Recent Actions Related to Drought Conditions. In response to historically dry conditions throughout the state of California, on April 1, 2015, Governor Brown issued an Executive Order directing the State Water Resources Control Board (SWRCB) to impose restrictions to achieve an aggregate statewide 25 percent reduction in potable water use through February 2016. The Governor's Order also included mandatory actions aimed at reducing water demands, with a particular focus on outdoor water use. On May 5, 2015, the SWRCB adopted regulations which required that IRWD achieve a 16% reduction in potable water use from its 2013 potable water use levels. On November 13, 2015, Governor Brown issued an Executive Order directing the SWRCB to extend the 2015 Emergency Regulation through October 31, 2016, if drought conditions continued. On February 2, 2016, the SWRCB adopted an extended and modified Emergency Regulation. As a result of the modification, IRWD's mandated reduction was changed from 16% to 9% effective March 1, 2016. On April 14, 2015, MWD approved actions to implement its WSAP at a level 3 Regional Shortage Level and a 15% reduction in regional deliveries effective July 1, 2015, through June 30, 2016. During this period, IRWD continued to implement actions to reduce potable water demands during the drought; however, this did not affect IRWD's long-term supply capability to meet the demands. On April 7, 2017, Governor Brown rescinded the Executive Order.

In California's most recent drought (2021-2023), in July 2021, Governor Newsom called for voluntary 15 percent reduction in potable water use from all urban suppliers. Consistent with the Governor's Executive Order, IRWD implemented Level 2 of its Water Shortage Contingency Plan, although IRWD had no projected shortages in supplies. In March 2023, Governor Newsom rescinded the Executive Order.

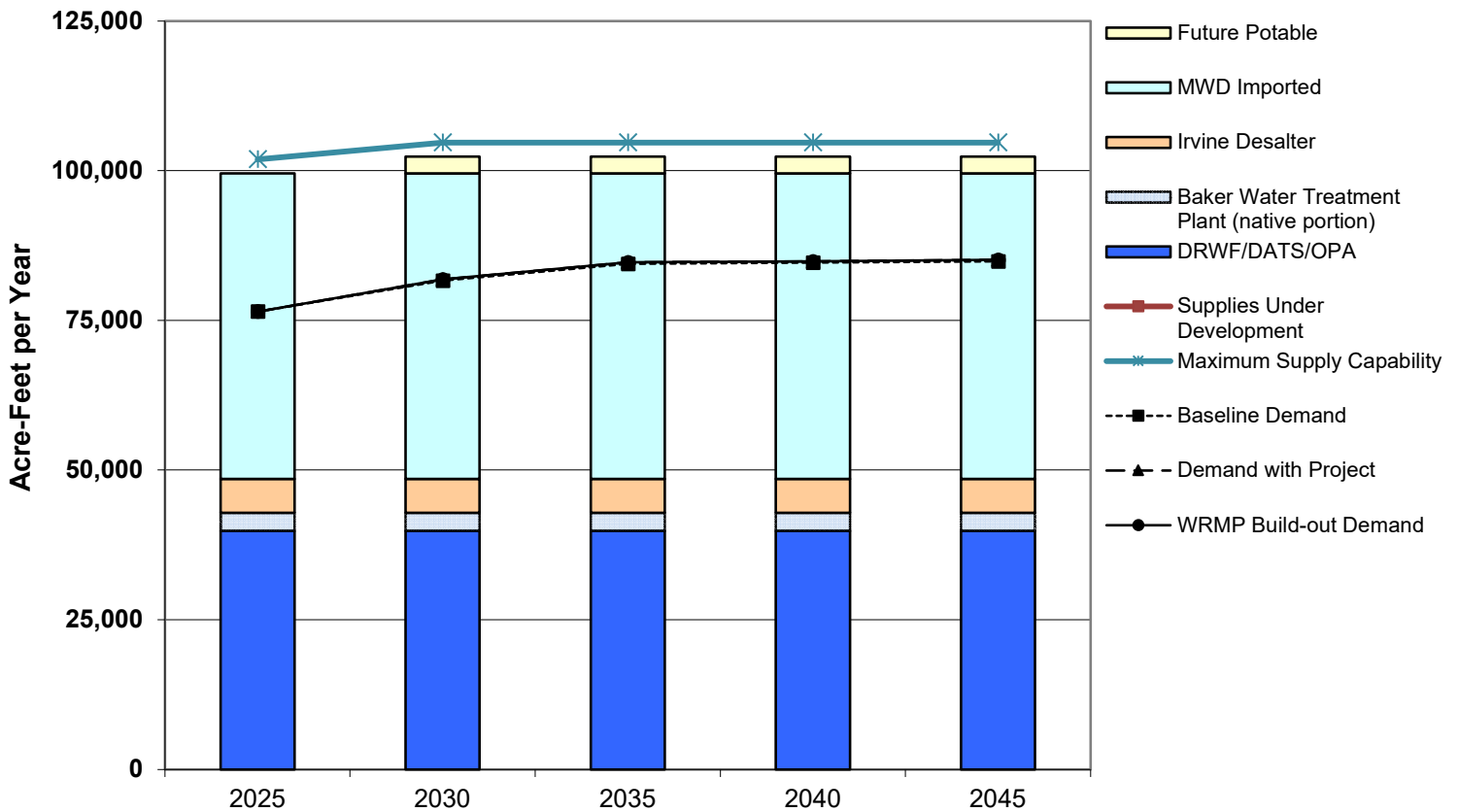
As discussed under "*IRWD's Evaluation of Effect of Reduced MWD Supplies to IRWD*" (see above), IRWD has effectively analyzed an imported water supply reduction up to a level 5 Regional Shortage Stage in Figures 1a, 2a, 3a. These Figures, however, do not reflect a reduction in demands, thus representing a more conservative view of IRWD's supply capability. In particular, the reduction in demand mandated by Senate Bill 7 in 2010, requiring urban retail water suppliers to establish water use targets to achieve a 20% reduction in daily per capita water use by 2020, has not been factored into the demands in this analysis. Similarly, notwithstanding the Governors' 2015 and 2021 orders, IRWD's conservative supply-sufficiency analysis in Figures 1a, 2a and 3a does not include the ordered reduction in potable demands.

Detailed Assessment

1. **Supply and demand comparison**

Comparisons of IRWD’s average annual and peak (maximum day) demands and supplies, under *baseline* (existing and committed demand, without the Project), *with-project* (baseline plus Project), and *full build-out* development projections, are shown in the following Figures 1-4 (potable water), Figures 5-8 (nonpotable water) and Figures 1a, 2a, and 3a (short term MWD allocation potable water). See also the “Actions on Delta Pumping” above.

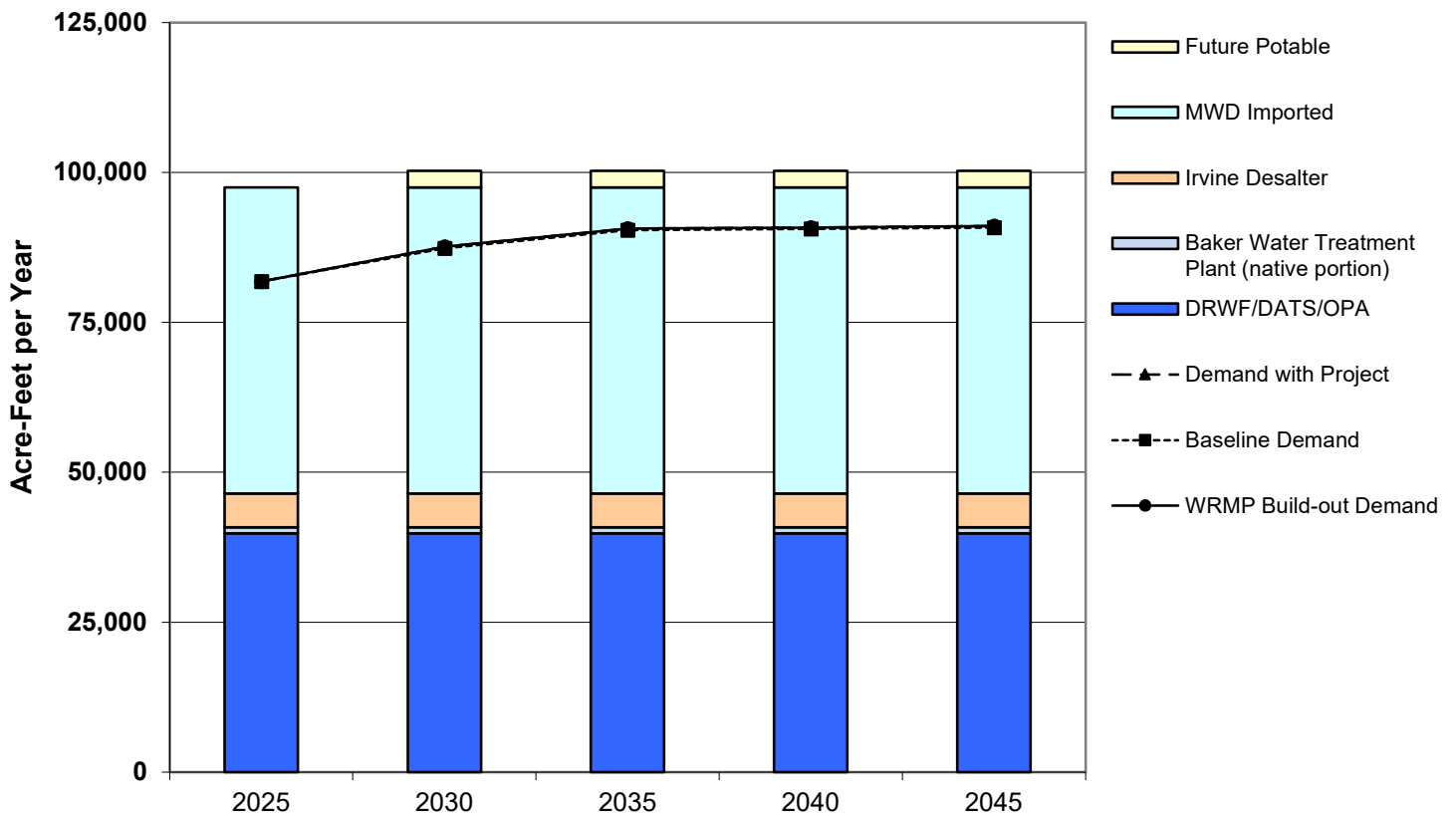
**Figure 1
IRWD Normal-Year Supply & Demand - Potable Water**



(in acre-feet per year)	2025	2030	2035	2040	2045
<u>Current Potable Supplies</u>					
MWD Imported (EOCF#2, AMP, OCF, Baker)	51,027	51,027	51,027	51,027	51,027
DRWF/DATS/OPA	39,818	39,818	39,818	39,818	39,818
Irvine Desalter	5,618	5,618	5,618	5,618	5,618
Wells 21 & 22	2,400	2,400	2,400	2,400	2,400
Baker Water Treatment Plant (native portion)	3,048	3,048	3,048	3,048	3,048
<u>Supplies Under Development</u>					
Future Potable	-	2,800	2,800	2,800	2,800
Maximum Supply Capability	101,911	104,711	104,711	104,711	104,711
Baseline Demand	76,459	81,603	84,434	84,645	84,857
Demand with Project	76,459	81,840	84,671	84,857	85,095
WRMP Build-out Demand	76,459	81,840	84,671	84,857	85,095
Reserve Supply with Project	25,452	22,871	20,040	19,854	19,616

Notes: By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments.
MWD Imported Supplies are shown at 16% reduction off of average connected capacity.
Baker Water Treatment Plant is supplied untreated imported water and native water from Irvine Lake.

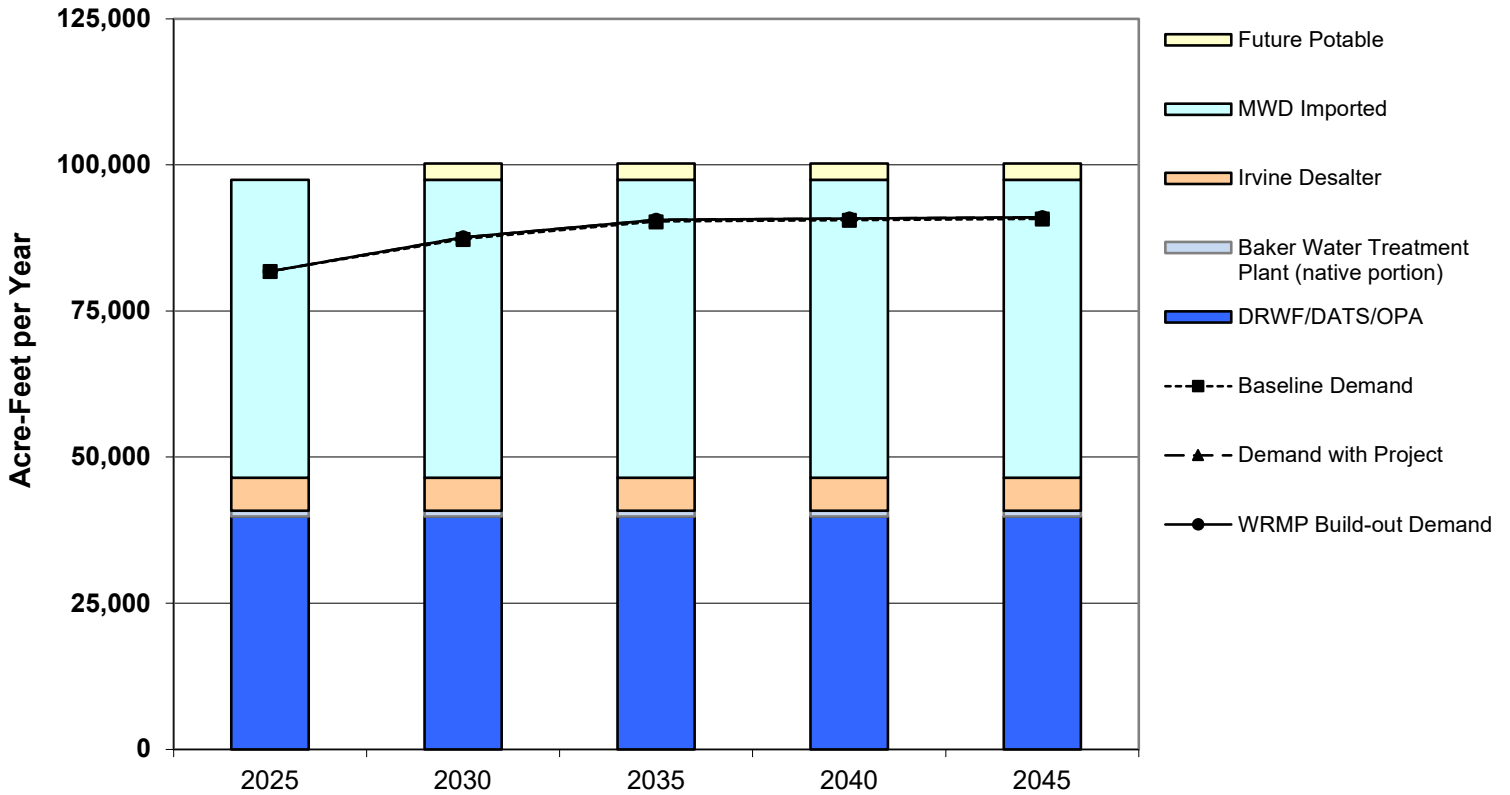
**Figure 2
IRWD Single Dry-Year Supply & Demand - Potable Water**



(in acre-feet per year)	2025	2030	2035	2040	2045
Current Potable Supplies					
MWD Imported (EOCF#2, AMP, OCF, Baker)	51,027	51,027	51,027	51,027	51,027
DRWF/DATS/OPA	39,818	39,818	39,818	39,818	39,818
Irvine Desalter	5,618	5,618	5,618	5,618	5,618
Wells 21 & 22	2,400	2,400	2,400	2,400	2,400
Baker Water Treatment Plant (native portion)	1,000	1,000	1,000	1,000	1,000
Supplies Under Development					
Future Potable	-	2,800	2,800	2,800	2,800
Maximum Supply Capability	99,863	102,663	102,663	102,663	102,663
Baseline Demand	81,811	87,315	90,344	90,570	90,797
Demand with Project	81,811	87,569	90,598	90,797	91,052
WRMP Build-out Demand	81,811	87,569	90,598	90,797	91,052
Reserve Supply with Project	18,052	15,094	12,065	11,866	11,611

Notes: Supplies identical to Normal-Year based on Metropolitan's Urban Water Management Plan and usage of groundwater under drought conditions (OCWD Master Plan). Demands increased 7% from Normal-Year. By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments. Baker Water Treatment Plant is supplied untreated imported water and native water from Irvine Lake.

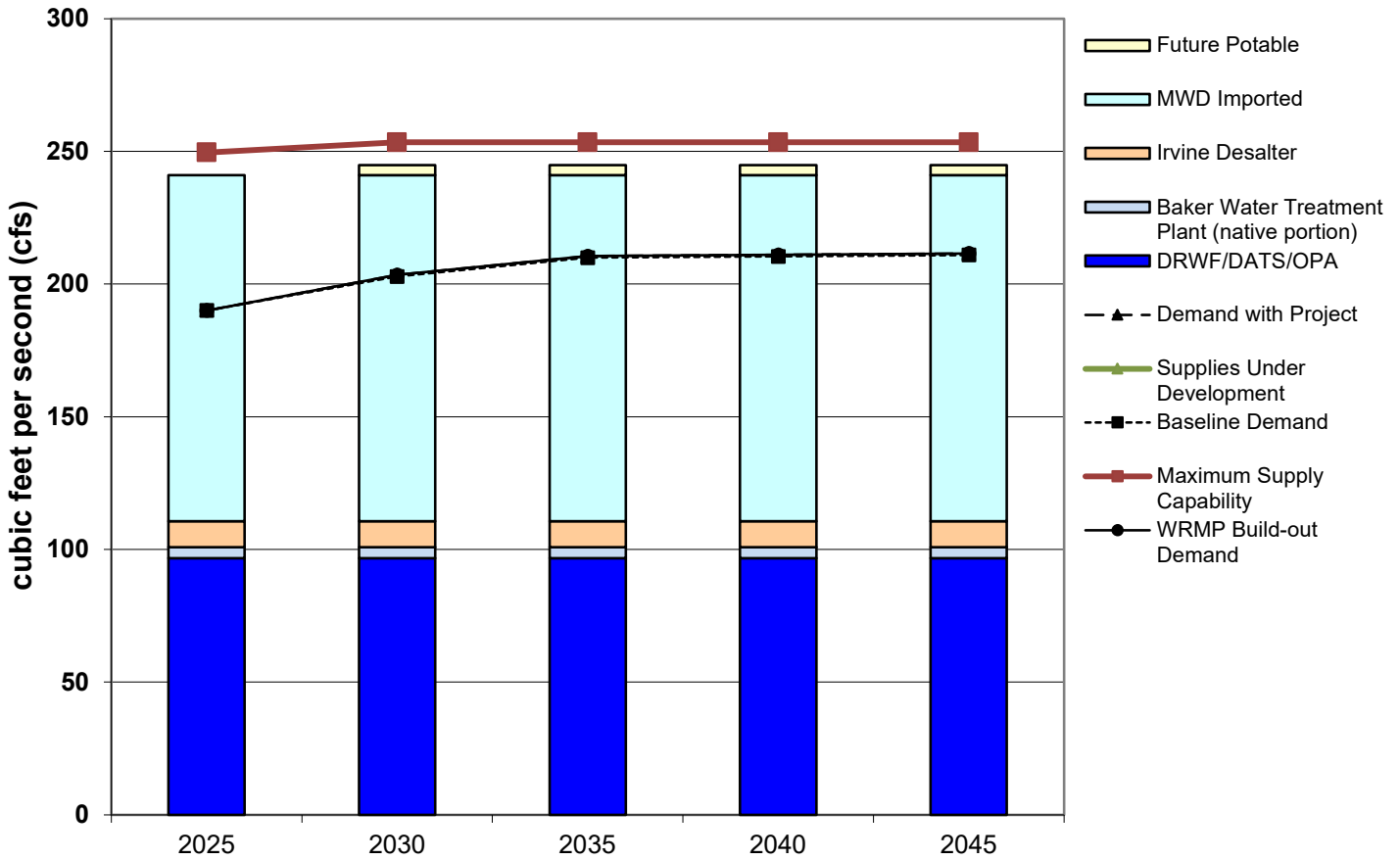
**Figure 3
IRWD Multiple Dry-Year Supply & Demand - Potable Water**



(in acre-feet per year)	2025	2030	2035	2040	2045
Current Potable Supplies					
MWD Imported (EOCF#2, AMP, OCF, Baker)	51,027	51,027	51,027	51,027	51,027
DRWF/DATS/OPA	39,818	39,818	39,818	39,818	39,818
Irvine Desalter	5,618	5,618	5,618	5,618	5,618
Wells 21 & 22	2,400	2,400	2,400	2,400	2,400
Baker Water Treatment Plant (native portion)	1,000	1,000	1,000	1,000	1,000
Supplies Under Development					
Future Potable	-	2,800	2,800	2,800	2,800
Maximum Supply Capability	99,863	102,663	102,663	102,663	102,663
Baseline Demand	81,811	87,315	90,344	90,570	90,797
Demand with Project	81,811	87,569	90,598	90,797	91,052
WRMP Build-out Demand	81,811	87,569	90,598	90,797	91,052
Reserve Supply with Project	18,052	15,094	12,065	11,866	11,611

Notes: Supplies identical to Normal-Year based on Metropolitan's Urban Water Management Plan and usage of groundwater under drought conditions (OCWD Master Plan). Demands increased 7% from Normal-Year. By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments. Baker Water Treatment Plant is supplied untreated imported water and native water from Irvine Lake.

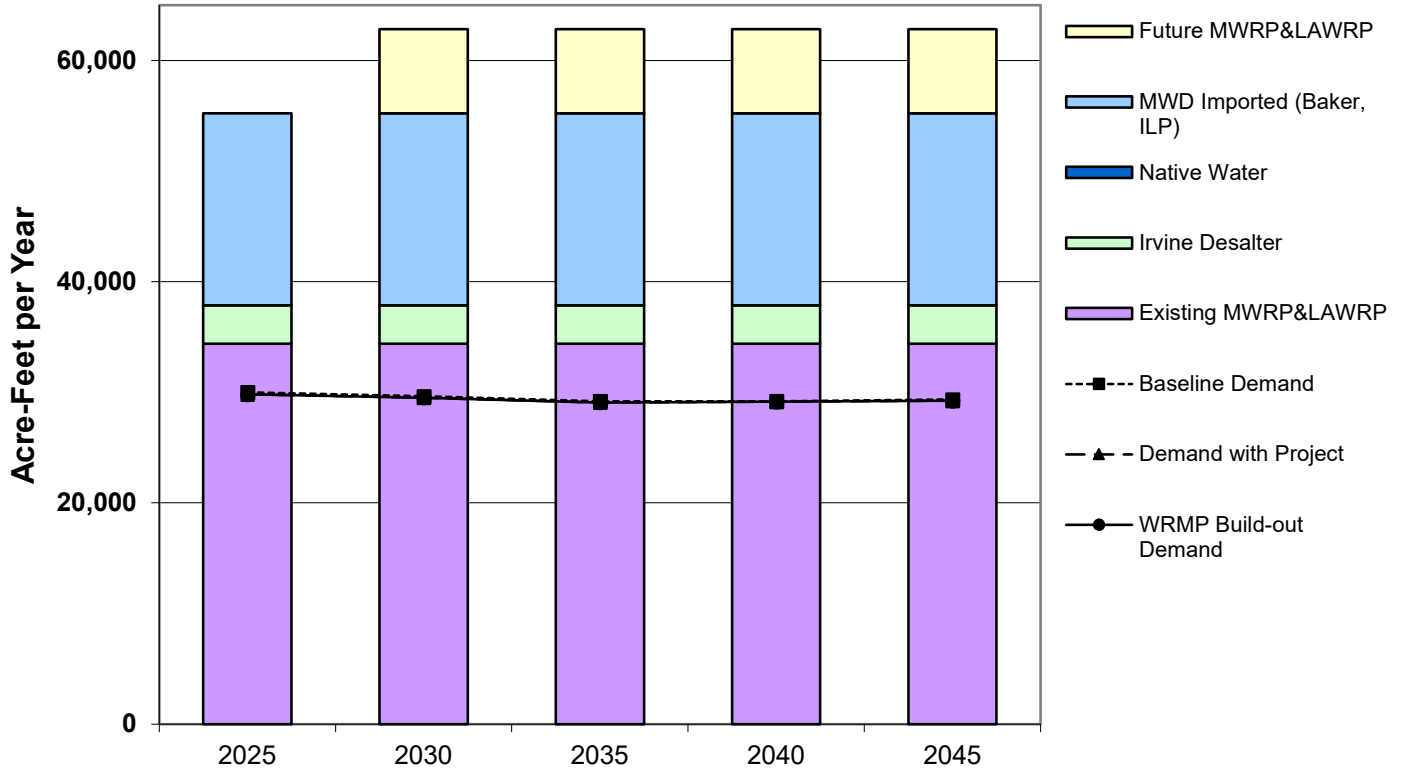
**Figure 4
IRWD Maximum-Day Supply & Demand - Potable Water**



(in cfs)	2025	2030	2035	2040	2045
<u>Current Potable Supplies</u>					
MWD Imported (EOCF#2, AMP, OCF, Baker)	130.4	130.4	130.4	130.4	130.4
DRWF/DATS/OPA	96.7	96.7	96.7	96.7	96.7
Irvine Desalter	9.7	9.7	9.7	9.7	9.7
Wells 21 & 22	8.6	8.6	8.6	8.6	8.6
Baker Water Treatment Plant (native portion)	4.2	4.2	4.2	4.2	4.2
<u>Supplies Under Development</u>					
Future Potable	-	3.9	3.9	3.9	3.9
Maximum Supply Capability	249.6	253.4	253.4	253.4	253.4
Baseline Demand	190.1	202.9	209.9	210.4	211.0
Demand with Project	190.1	203.5	210.5	211.0	211.6
WRMP Build-out Demand	190.1	203.5	210.5	211.0	211.6
Reserve Supply with Project	59.5	50.0	42.9	42.5	41.9

Notes: By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments.

**Figure 5
IRWD Normal-Year Supply & Demand - Nonpotable Water**

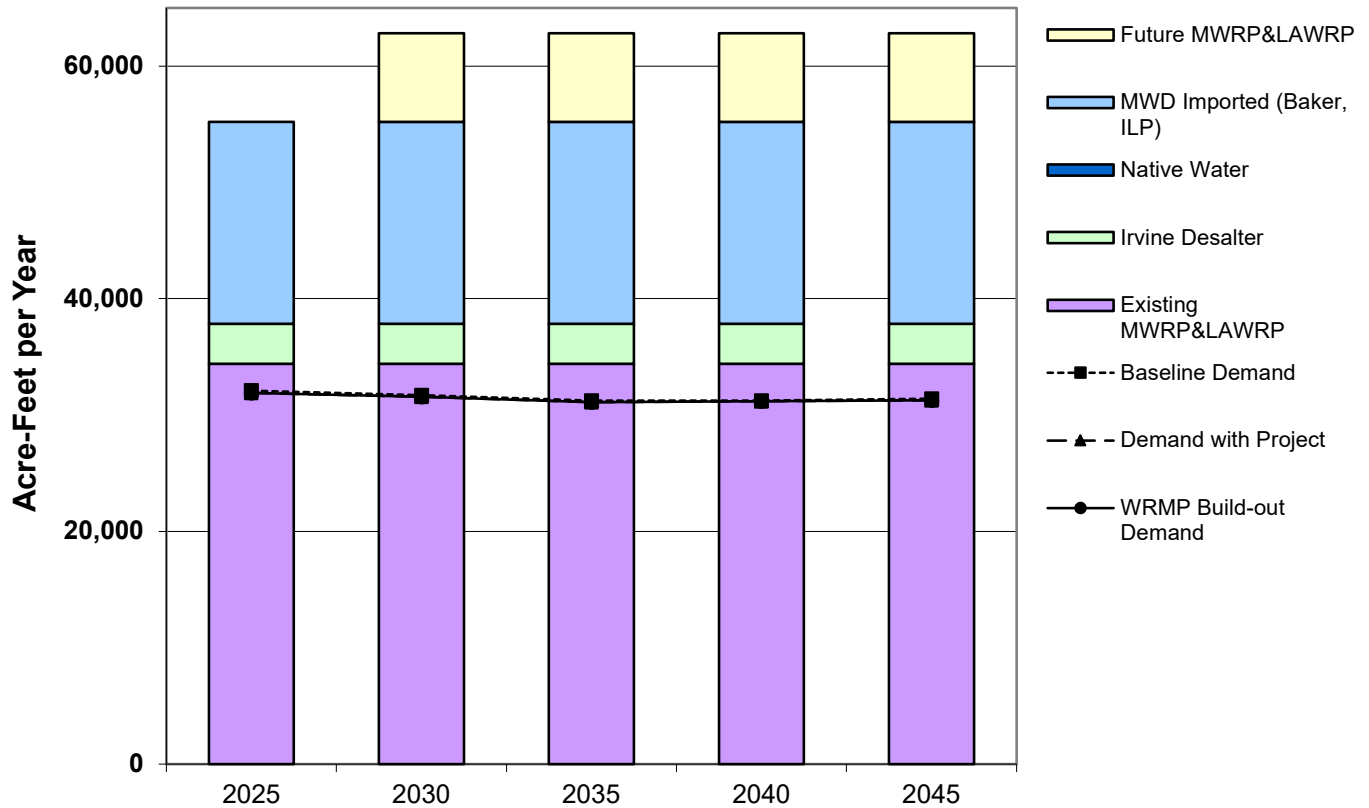


(in acre-feet per year)	2025	2030	2035	2040	2045
<u>Current Nonpotable Supplies</u>					
Existing MWRP&LAWRP	34,389	34,389	34,389	34,389	34,389
Future MWRP&LAWRP	-	7,623	7,623	7,623	7,623
MWD Imported (Baker, ILP)	17,347	17,347	17,347	17,347	17,347
Irvine Desalter	3,461	3,461	3,461	3,461	3,461
Native Water	-	-	-	-	-
Maximum Supply Capability	55,197	62,820	62,820	62,820	62,820
Baseline Demand	30,006	29,623	29,193	29,193	29,339
Demand with Project	29,812	29,505	29,075	29,148	29,221
WRMP Build-out Demand	29,812	29,505	29,075	29,148	29,221
Reserve Supply with Project	25,385	33,315	33,745	33,672	33,599

Note: Downward trend reflects reduction in agricultural use over time.
MWD Imported Supplies are shown at 16% reduction off of average connected capacity.

Notes: By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments.

**Figure 6
IRWD Single Dry-Year Supply & Demand - Nonpotable Water**



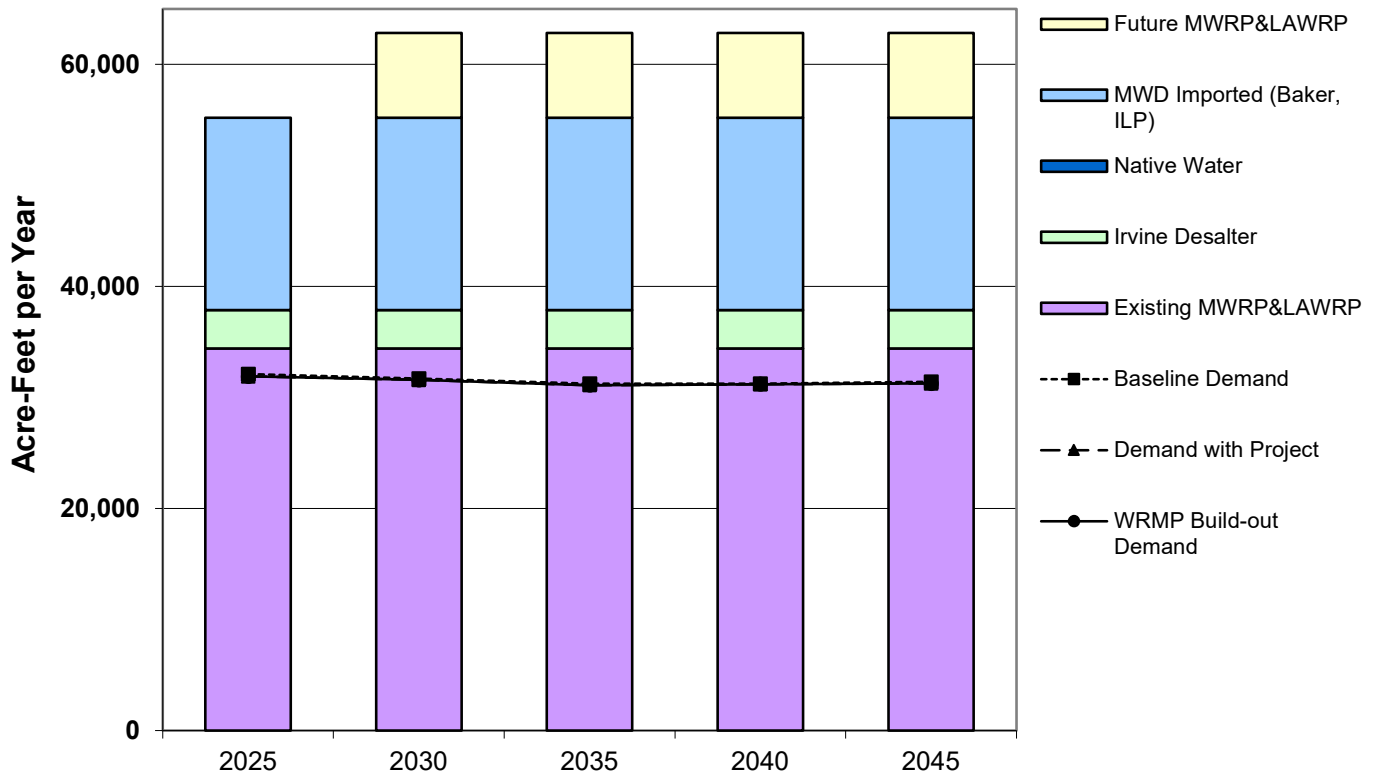
(in acre-feet per year)	2025	2030	2035	2040	2045
Current Nonpotable Supplies					
Existing MWRP&LAWRP	34,389	34,389	34,389	34,389	34,389
Future MWRP&LAWRP	-	7,623	7,623	7,623	7,623
MWD Imported (Baker, ILP)	17,347	17,347	17,347	17,347	17,347
Irvine Desalter	3,461	3,461	3,461	3,461	3,461
Native Water	-	-	-	-	-
Maximum Supply Capability	55,197	62,820	62,820	62,820	62,820
Baseline Demand	32,107	31,697	31,236	31,236	31,393
Demand with Project	31,899	31,570	31,110	31,188	31,266
WRMP Build-out Demand	31,899	31,570	31,110	31,188	31,266
Reserve Supply with Project	23,298	31,250	31,710	31,632	31,554

Note: Downward trend reflects reduction in agricultural use over time.

MWD Imported Supplies are shown at 16% reduction off of average connected capacity.

Notes: By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments.

**Figure 7
IRWD Multiple Dry-Year Supply & Demand - Nonpotable Water**



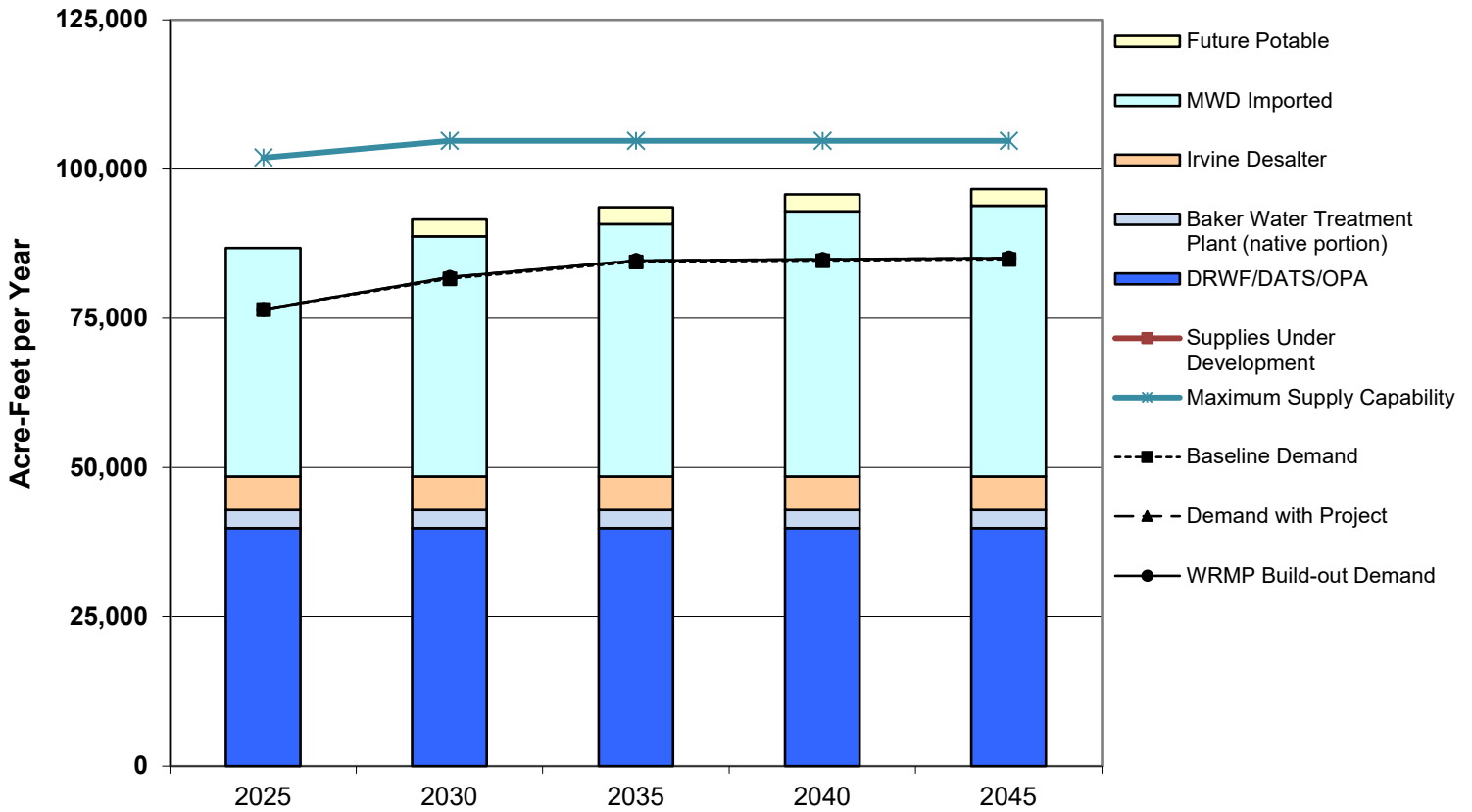
(in acre-feet per year)	2025	2030	2035	2040	2045
<u>Current Nonpotable Supplies</u>					
Existing MWRP&LAWRP	34,389	34,389	34,389	34,389	34,389
Future MWRP&LAWRP	-	7,623	7,623	7,623	7,623
MWD Imported (Baker, ILP)	17,347	17,347	17,347	17,347	17,347
Irvine Desalter	3,461	3,461	3,461	3,461	3,461
Native Water	-	-	-	-	-
Maximum Supply Capability	55,197	62,820	62,820	62,820	62,820
Baseline Demand	32,107	31,697	31,236	31,236	31,393
Demand with Project	31,899	31,570	31,110	31,188	31,266
WRMP Build-out Demand	31,899	31,570	31,110	31,188	31,266
Reserve Supply with Project	23,298	31,250	31,710	31,632	31,554

Note: Downward trend reflects reduction in agricultural use over time.

MWD Imported Supplies are shown at 16% reduction off of average connected capacity.

Notes: By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments.

**Figure 1a
IRWD Normal-Year Supply & Demand - Potable Water
Under Temporary MWD Allocation***

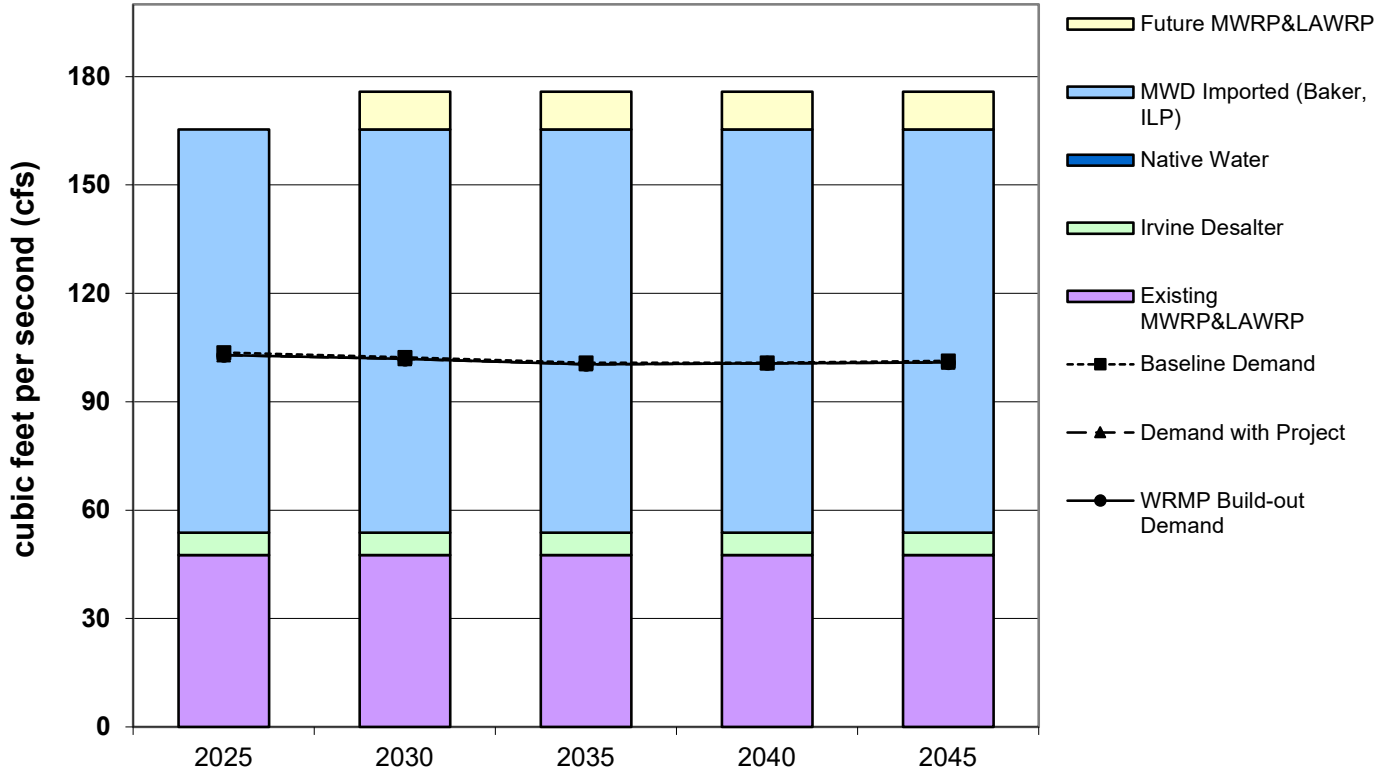


(in acre-feet per year)	2025	2030	2035	2040	2045
Current Potable Supplies					
MWD Imported (EOCF#2, AMP, OCF, Baker)	38,270	40,222	42,274	44,430	45,323
DRWF/DATS/OPA	39,818	39,818	39,818	39,818	39,818
Irvine Desalter	5,618	5,618	5,618	5,618	5,618
Wells 21 & 22	2,400	2,400	2,400	2,400	2,400
Baker Water Treatment Plant (native portion)	3,048	3,048	3,048	3,048	3,048
Supplies Under Development					
Future Potable	-	2,800	2,800	2,800	2,800
Maximum Supply Capability	89,154	93,906	95,958	98,114	99,007
Baseline Demand	76,459	81,603	84,434	84,645	84,857
Demand with Project	76,459	81,840	84,671	84,857	85,095
WRMP Build-out Demand	76,459	81,840	84,671	84,857	85,095
Reserve Supply with Project	12,695	12,067	11,287	13,258	13,912

*For illustration purposes, IRWD has shown MWD Imported Supplies as estimated under a MWD short-term allocation up to a level in all of the 5-year increments. This does not reflect a reduction in demands, thus representing a conservative view of supply capability.

Notes: By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments.

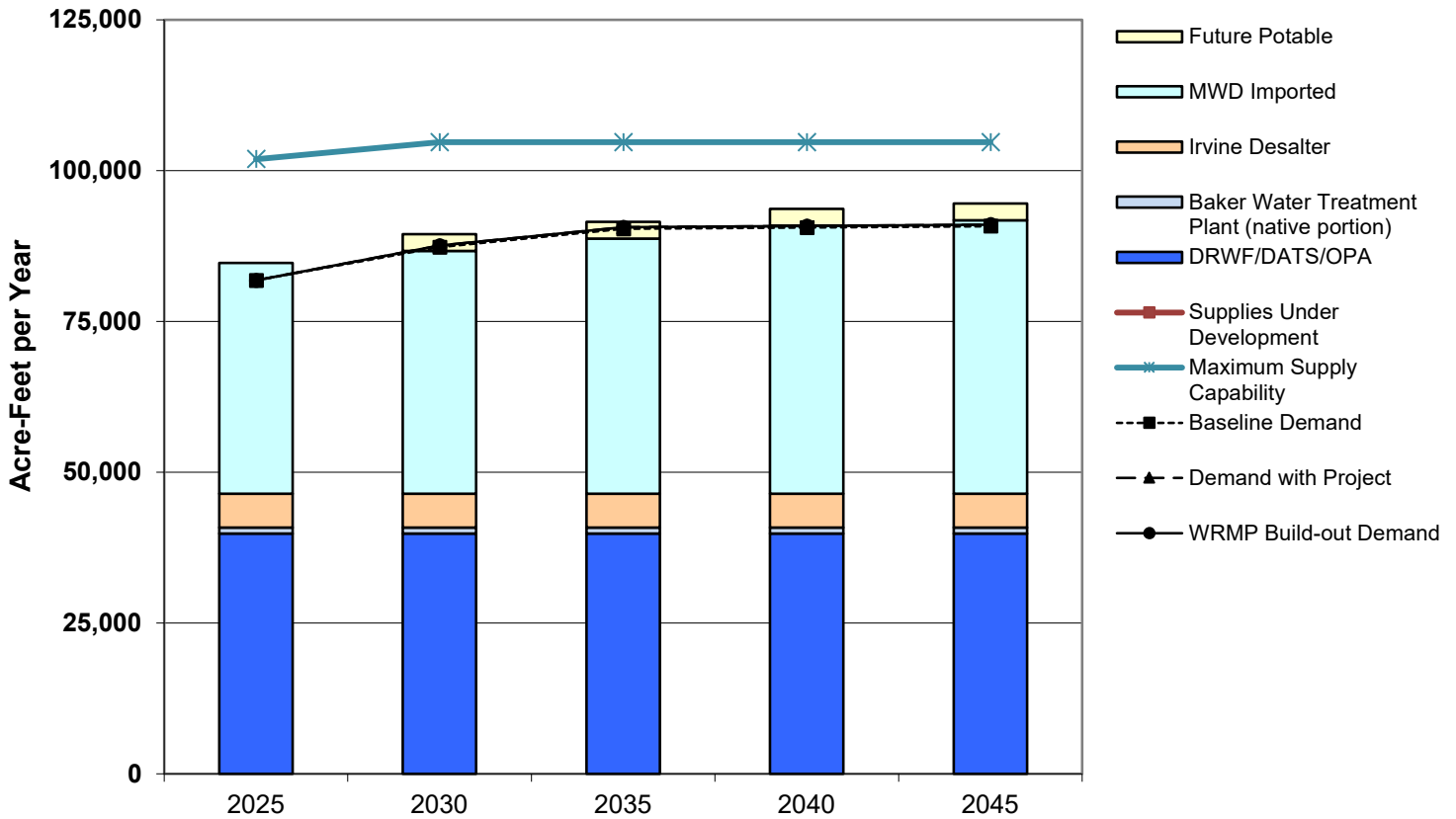
Figure 8
IRWD Maximum-Dry Supply & Demand - Nonpotable Water



(in cfs)	2025	2030	2035	2040	2045
Current Nonpotable Supplies					
Existing MWRP&LAWRP	47.6	47.6	47.6	47.6	47.6
Future MWRP&LAWRP	-	10.5	10.5	10.5	10.5
MWD Imported (Baker, ILP)	111.5	111.5	111.5	111.5	111.5
Irvine Desalter	6.2	6.2	6.2	6.2	6.2
Native Water	-	-	-	-	-
Maximum Supply Capability	165.3	175.8	175.8	175.8	175.8
Baseline Demand	103.6	102.3	100.8	100.8	101.3
Demand with Project	102.9	101.9	100.4	100.6	100.9
WRMP Build-out Demand	102.9	101.9	100.4	100.6	100.9
Reserve Supply with Project	62.4	73.9	75.4	75.2	74.9

Note: Downward trend reflects reduction in agricultural use over time.

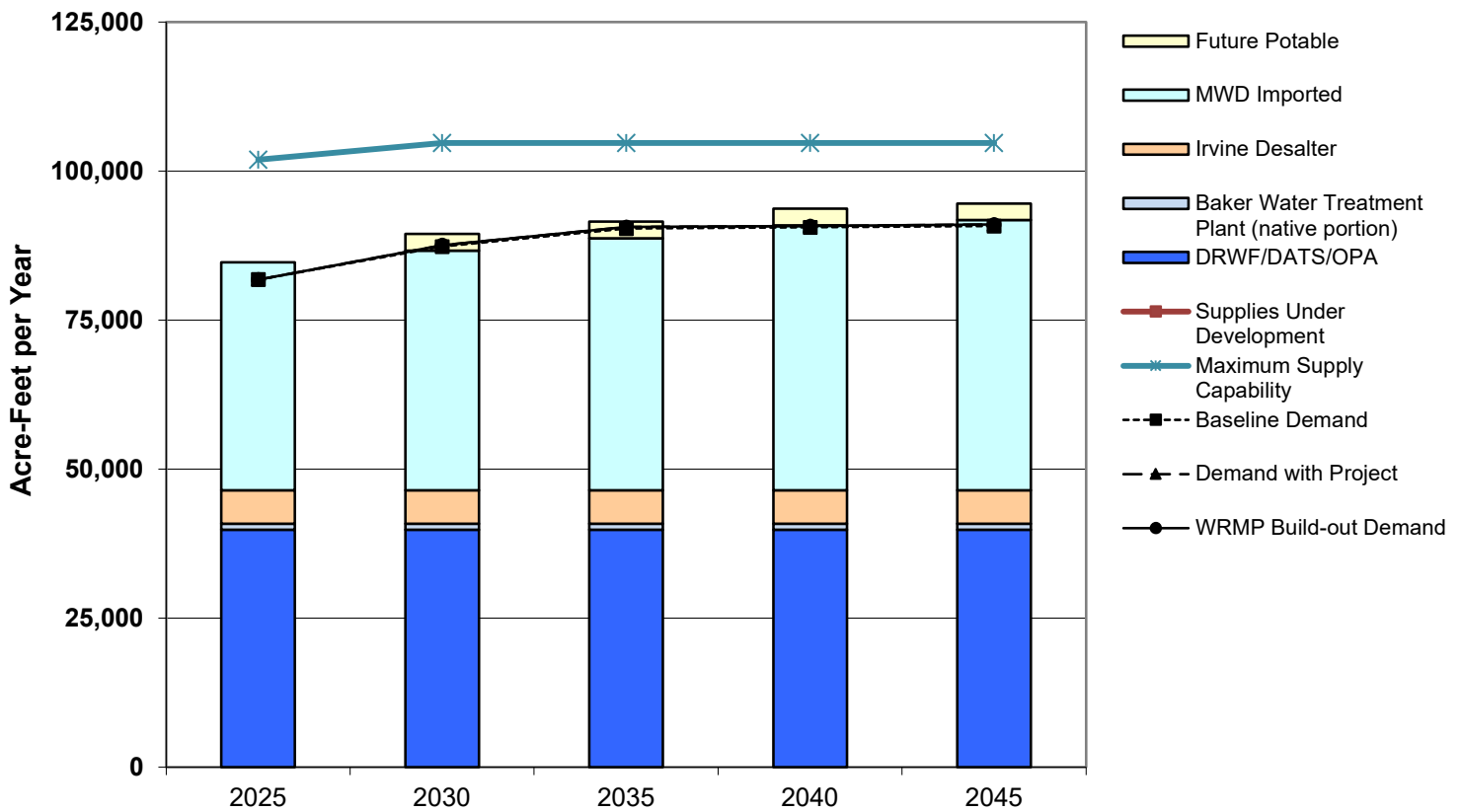
Figure 2a
IRWD Single Dry-Year Supply & Demand - Potable Water
Under Temporary MWD Allocation*



(in acre-feet per year)	2025	2030	2035	2040	2045
<u>Current Potable Supplies</u>					
MWD Imported (EOCF#2, AMP, OCF, Baker)	38,270	40,222	42,274	44,430	45,323
DRWF/DATS/OPA	39,818	39,818	39,818	39,818	39,818
Irvine Desalter	5,618	5,618	5,618	5,618	5,618
Wells 21 & 22	2,400	2,400	2,400	2,400	2,400
Baker Water Treatment Plant (native portion)	1,000	1,000	1,000	1,000	1,000
<u>Supplies Under Development</u>					
Future Potable	-	2,800	2,800	2,800	2,800
Maximum Supply Capability	87,106	91,858	93,910	96,066	96,959
Baseline Demand	81,811	87,315	90,344	90,570	90,797
Demand with Project	81,811	87,569	90,598	90,797	91,052
WRMP Build-out Demand	81,811	87,569	90,598	90,797	91,053
Reserve Supply with Project	5,295	4,290	3,312	5,270	5,908

*For illustration purposes, IRWD has shown MWD Imported Supplies as estimated under a MWD short-term allocation up to a level 5. Notes: By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments. measures as described in the 2020 UWMP. Under a MWD Allocation, the Baker WTP would be limited to available MWD and native water.

**Figure 3a
IRWD Multiple Dry-Year Supply & Demand - Potable Water
Under Temporary MWD Allocation***



(in acre-feet per year)	2025	2030	2035	2040	2045
<u>Current Potable Supplies</u>					
MWD Imported (EOCF#2, AMP, OCF, Baker)	38,270	40,222	42,274	44,430	45,323
DRWF/DATS/OPA	39,818	39,818	39,818	39,818	39,818
Irvine Desalter	5,618	5,618	5,618	5,618	5,618
Wells 21 & 22	2,400	2,400	2,400	2,400	2,400
Baker Water Treatment Plant (native portion)	1,000	1,000	1,000	1,000	1,000
<u>Supplies Under Development</u>					
Future Potable	-	2,800	2,800	2,800	2,800
Maximum Supply Capability	87,106	91,858	93,910	96,066	96,959
Baseline Demand	81,811	87,315	90,344	90,570	90,797
Demand with Project	81,811	87,569	90,598	90,797	91,052
WRMP Build-out Demand	81,811	87,569	90,598	90,797	91,052
Reserve Supply with Project	5,295	4,290	3,312	5,270	5,908

*For illustration purposes, IRWD has shown MWD Imported Supplies as estimated under a MWD short-term allocation up to a level 5
Notes: By agreement, IRWD is required to count the production from the Irvine Subbasin in calculating available supplies for TIC developments.
measures as described in the 2020 UWMP. Under a MWD Allocation, the Baker WTP would be limited to available MWD and native water.

2. Information concerning supplies

(a)(1) Existing sources of identified water supply for the proposed project:

IRWD does not allocate particular supplies to any project, but identifies total supplies for its service area, as shown in the following table:

	Max Day (cfs)	Avg. Annual (AFY)	Annual by Category (AFY)
Current Supplies			
Potable - Imported 10			
East Orange County Feeder No. 2	41.4	18,746	1
Allen-McColloch Pipeline*	64.7	29,296	1
Orange County Feeder	18.0	8,150	1
	124.1	56,192	
Potable - Treated Surface			
Baker Treatment Plant (Imported) 10	6.3	4,554	6
Baker Treatment Plant (Native)	4.2	3,048	6
Potable - Groundwater			
Dyer Road Wellfield	80.0	28,000	2
OPA Well	4.4	3,200	11
Deep Aquifer Treatment System-DATS	12.3	8,618	2
Wells 21 & 22	8.6	2,400	2
Irvine Desalter	9.7	5,618	3
Total Potable Current Supplies	249.6		49,479
			113,273
Nonpotable - Recycled Water			
MWRP (25.2 mgd)	39.1	28,228	4
LAWRP (5.5 mgd)	8.5	6,161	4
Future MWRP & LAWRP	10.6	7,623	5
			42,012
Nonpotable - Imported 10			
Baker Aqueduct	40.2	11,651	6
Irvine Lake Pipeline	65.0	9,000	7
	105.2	20,651	
			20,651
Nonpotable - Groundwater			
Irvine Desalter-Nonpotable	6.2	3,461	8
			3,461
Nonpotable Native			
Irvine Lake (see Baker Treatment Plant above)	4.2	3,048	6,9
Total Nonpotable Current Supplies (Excludes Native)	169.6		66,124
Total Combined Current Supplies	419.2		179,397
Supplies Under Development			
Potable Supplies			
Future Groundwater Production Facilities	3.9	2,800	
Total Under Development	3.9	2,800	2,800
Total Supplies			
Potable Supplies	253.4		116,073
Nonpotable Supplies	169.6		66,124
Total Supplies (Current and Under Development)	423.0		182,197

1 Based on converting maximum day capacity to average by dividing the capacity by a peaking factor of 1.6. Max Day is equivalent to Treatment Plant Production

2 Contract amount - See Assessment Potable Supply-Groundwater(iii). Due to groundwater limitations, value changed from 6,329 AF to 2,400 AF

3 Contract amount - See Assessment Potable Supply-Groundwater (iv) and (v). Maximum day well capacity is compatible with contract amount.

4 MWRP 28.0 mgd treatment capacity (28,228 AFY RW production) with 90% plant efficiency (25.2 mgd) and LAWRP permitted 5.5 mgd tertiary treatment capacity (6,161 AFY)

5 Future estimated MWRP & LAWRP recycled water production. Includes biosolids and expansion to 33 mgd

6 Since 2017, Baker Water Treatment Plant (WTP) treats imported and native water. Baker Aqueduct capacity has been allocated to Baker WTP participants and IRWD owns 46.50 cfs in Baker Aqueduct, of which, 10.5 cfs is for for potable treatment. IRWD has 36 cfs remaining capacity for non-potable uses. The nonpotable average use is based on converting maximum day capacity to average by dividing the capacity by a peaking factor of 2.5 (see Assessment Footnote 8, page 27). In 2023, IRWD executed an Agreement that sells 3 cfs to South County agencies, leaving 7.5 cfs for daily use for IRWD. However, should an emergency arise, IRWD retains the right to use the 3 cfs sold. The amount shown in the table remains 10.5 cfs

7 Based on IRWD's proportion of Irvine Lake imported water storage; Actual ILP capacity would allow the use of additional imported water from MWD through the Santiago Lateral.

8 Contract amount - See Assessment Nonpotable Supply-Groundwater (i) and (ii). Maximum day well capacity (cfs) is compatible with contract amount.

9 Based on 70+ years historical average of Santiago Creek Inflow into Irvine Lake. Since 2020, native water is treated through Baker WTP.

10 Supplies in this table are total and are not adjusted to account for any reductions in imported water.

11 Per Agreement with the City of Orange, average annual capacity increased to 3,200 acre-feet

*64.7 cfs is current assigned capacity; based on increased peak flow, IRWD can purchase 10 cfs more (see page 25 (b)(1)(iii))

(b) Required information concerning currently available and under-development water supply entitlements, water rights and water service contracts:

(1) Written contracts or other proof of entitlement.^{4 5}

•POTABLE SUPPLY - IMPORTED⁶

Potable imported water service connections (currently available).

(i) Potable imported water is delivered to IRWD at various service connections to the imported water delivery system of The Metropolitan Water District of Southern California (“MWD”): service connections CM-01A and OC-7 (Orange County Feeder); CM-10, CM-12, OC-38, OC-39, OC-57, OC-58, OC-63 (East Orange County Feeder No. 2); and OC-68, OC-71, OC-72, OC-73/73A, OC-74, OC-75, OC-83, OC-84, OC-87 (Allen-McColloch Pipeline). IRWD’s entitlements regarding service from the MWD delivery system facilities are described in the following paragraphs and summarized in the above Table ((2)(a)(1)). IRWD receives imported water service through Municipal Water District of Orange County (“MWDOC”), a member agency of MWD.

Allen-McColloch Pipeline (“AMP”) (currently available).

(ii) Agreement For Sale and Purchase of Allen-McColloch Pipeline, dated as of July 1, 1994 (Metropolitan Water District Agreement No. 4623) (“AMP Sale Agreement”). Under the AMP Sale Agreement, MWD purchased the Allen-McColloch Pipeline (formerly known as the “Diemer Intertie”) from MWDOC, the MWDOC Water Facilities Corporation and certain agencies, including IRWD and Los Alisos Water District (“LAWD”),⁷ identified as “Participants” therein. Section 5.02 of the AMP Sale Agreement obligates MWD to meet IRWD’s and the other Participants’ requests for deliveries and specified minimum hydraulic grade lines at each connection serving a Participant, subject to availability of water. MWD agrees to operate the AMP as any other MWD pipeline. MWD has the right to

⁴ In some instances, the contractual and other legal entitlements referred to in the following descriptions are stated in terms of flow capacities, in cubic feet per second (cfs). In such instances, the cfs flows are converted to volumes of AFY for purposes of analyzing supply sufficiency in this assessment, by dividing the capacity by a peaking factor of 1.8 (potable) or 2.5 (nonpotable), consistent with maximum day peaking factors used in the WRMP. The resulting reduction in assumed available annual AFY volumes through the application of these factors recognizes that connected capacity is provided to meet peak demands and that seasonal variation in demand and limitations in local storage prevent these capacities from being utilized at peak capacity on a year-round basis. However, the application of these factors produces a conservatively low estimate of annual AFY volumes from these connections; additional volumes of water are expected to be available from these sources.

⁵ In the following discussion, contractual and other legal entitlements are characterized as either potable or nonpotable, according to the characterization of the source of supply. Some of the nonpotable supplies surplus to nonpotable demand could potentially be rendered potable by the addition of treatment facilities; however, except where otherwise noted, IRWD has no current plans to do so.

⁶ See Imported Supply - Additional Information, below, concerning the availability of the MWD supply.

⁷ IRWD has succeeded to LAWD’s interests in the AMP and other LAWD water supply facilities and rights mentioned in this assessment, by virtue of the consolidation of IRWD and LAWD on December 31, 2000.

operate the AMP on a “utility basis,” meaning that MWD need not observe capacity allocations of the Participants but may use available capacity to meet demand at any service connection.

The AMP Sale Agreement obligates MWD to monitor and project AMP demands and to construct specified pump facilities or make other provision for augmenting MWD’s capacity along the AMP, at MWD’s expense, should that be necessary to meet demands of all of the Participants (Section 5.08).

(iii) Agreement For Allocation of Proceeds of Sale of Allen-McColloch Pipeline, dated as of July 1, 1994 (“AMP Allocation Agreement”). This agreement, entered into concurrently with the AMP Sale Agreement, provided each Participant, including IRWD, with a capacity allocation in the AMP, for the purpose of allocating the sale proceeds among the Participants in accordance with their prior contractual capacities adjusted to conform to their respective future demands. IRWD’s capacity under the AMP Allocation Agreement (including its capacity as legal successor agency to LAWD) is 64.69 cfs at IRWD’s first four AMP connections, 49.69 cfs at IRWD’s next five downstream AMP connections and 35.01 and 10.00 cfs, respectively at IRWD’s remaining two downstream connections. The AMP Allocation Agreement further provides that if a Participant’s peak flow exceeds its capacity, the Participant shall “purchase” additional capacity from the other Participants who are using less than their capacity, until such time as MWD augments the capacity of the AMP. The foregoing notwithstanding, as mentioned in the preceding paragraph, the allocated capacities do not alter MWD’s obligation under the AMP Sale Agreement to meet all Participants’ demands along the AMP, and to augment the capacity of the AMP if necessary. Accordingly, under these agreements, IRWD can legally increase its use of the AMP beyond the above-stated capacities but would be required to reimburse other Participants from a portion of the proceeds IRWD received from the sale of the AMP.

(iv) Improvement Subleases (or “FAP” Subleases) [MWDOC and LAWD; MWDOC and IRWD], dated August 1, 1989; 1996 Amended and Restated Allen-McColloch Pipeline Subleases [MWDOC and LAWD; MWDOC and IRWD], dated March 1, 1996. IRWD subleases its AMP capacity, including the capacity it acquired as successor to LAWD. To facilitate bond financing for the construction of the AMP, it was provided that the MWDOC Water Facilities Corporation, and subsequently MWDOC, would have ownership of the pipeline, and the Participants would be sublessees. As is the case with the AMP Sale Agreement, the subleases similarly provide that water is subject to availability.

East Orange County Feeder No. 2 (“EOCF#2”) (currently available).

(v) Agreement For Joint Exercise of Powers For Construction, Operation and Maintenance of East Orange County Feeder No. 2, dated July 11, 1961, as amended on July 25, 1962, and April 26, 1965; Agreement Re Capacity Rights In Proposed Water Line, dated September 11, 1961 (“IRWD MWDOC Assignment Agreement”); Agreement Regarding Capacity Rights In the East Orange County Feeder No. 2, dated August 28, 2000 (“IRWD Coastal Assignment Agreement”). East Orange County Feeder No. 2 (“EOCF#2”), a feeder linking Orange County with MWD’s feeder system, was constructed pursuant to a joint powers

agreement among MWDOC (then called Orange County Municipal Water District), MWD, Coastal Municipal Water District (“Coastal”), Anaheim and Santa Ana. A portion of IRWD’s territory is within MWDOC and the remainder is within the former Coastal (which was consolidated with MWDOC in 2001). Under the IRWD MWDOC Assignment Agreement, MWDOC assigned 41 cfs of capacity to IRWD in the reaches of EOCF#2 upstream of the point known as Coastal Junction (reaches 1 through 3), and 27 cfs in reach 4, downstream of Coastal Junction. Similarly, under the IRWD Coastal Assignment Agreement, prior to Coastal’s consolidation with MWDOC, Coastal assigned to IRWD 0.4 cfs of capacity in reaches 1 through 3 and 0.6 cfs in reach 4 of EOCF#2. Delivery of water through EOCF#2 is subject to the rules and regulations of MWD and MWDOC and is further subject to application and agreement of IRWD respecting turnouts.

Orange County Feeder (currently available)

(vi) Agreement, dated March 13, 1956. This 1956 Agreement between MWDOC’s predecessor district and the Santa Ana Heights Water Company (“SAHWC”) provides for delivery of MWD imported supply to the former SAHWC service area. SAHWC’s interests were acquired on behalf of IRWD through a stock purchase and IRWD annexation of the SAHWC service area in 1997. The supply is delivered through a connection to MWD’s Orange County Feeder designated as OC-7.

(vii) Agreement For Transfer of Interest In Pacific Coast Highway Water Transmission and Storage Facilities From The Irvine Company To the Irvine Ranch Water District, dated April 23, 1984; Joint Powers Agreement For the Construction, Operation and Maintenance of Sections 1a, 1b and 2 of the Coast Supply Line, dated June 9, 1989; Agreement, dated January 13, 1955 (“1955 Agreement”). The jointly constructed facility known as the Coast Supply Line (“CSL”), extending southward from a connection with MWD’s Orange County Feeder at Fernleaf Street in Newport Beach, was originally constructed pursuant to a 1952 agreement among Laguna Beach County Water District (“LBCWD”), The Irvine Company (TIC) and South Coast County Water District. Portions were later reconstructed. Under the above-referenced transfer agreement in 1984, IRWD succeeded to TIC’s interests in the CSL. The CSL is presently operated under the above-referenced 1989 joint powers agreement, which reflects IRWD’s ownership of 10 cfs of capacity. The 1989 agreement obligates LBCWD, as the managing agent and trustee for the CSL, to purchase water and deliver it into the CSL for IRWD. LBCWD purchases such supply, delivered by MWD to the Fernleaf connection, pursuant to the 1955 Agreement with Coastal (now MWDOC).

Baker Water Treatment Plant (currently available)

IRWD recently constructed the Baker Water Treatment Plant (Baker WTP) in partnership with El Toro Water District, Moulton-Niguel Water District, Santa Margarita Water District and Trabuco Canyon Water District. The Baker WTP is supplied with untreated imported water from MWD and native Irvine Lake water

supply. IRWD owns 10.5 cfs of treatment capacity rights in the Baker WTP.⁸

•POTABLE SUPPLY - GROUNDWATER

(i) Orange County Water District Act (“OCWD”), Water Code App., Ch. 40 (“Act”). IRWD is an operator of groundwater-producing facilities in the Orange County Groundwater Basin (the “Basin”). Although the rights of the producers within the Basin vis a vis one another have not been adjudicated, they nevertheless exist and have not been abrogated by the Act (§40-77). The rights consist of municipal appropriators’ rights and may include overlying and riparian rights. The Basin is managed by OCWD under the Act, which functions as a statutorily-imposed physical solution. The Act empowers OCWD to impose replenishment assessments and basin equity assessments on production and to require registration of water-producing facilities and the filing of certain reports; however, OCWD is expressly prohibited from limiting extraction unless a producer agrees to such limitation (§ 40-2(6) (c)) and from impairing vested rights to the use of water (§ 40-77). Thus, producers may install and operate production facilities under the Act; OCWD approval is not required. OCWD is required to annually investigate the condition of the Basin, assess overdraft and accumulated overdraft, and determine the amount of water necessary for replenishment (§40-26). OCWD has studied the Basin replenishment needs and potential projects to address growth in demand through 2035 in its Final Draft Long-Term Facilities Plan (January 2006), last updated November 19, 2014. The Long-Term Facilities Plan is updated approximately every five years.

(ii) *Irvine Ranch Water District v. Orange County Water District*, Orange County Superior Court Case No. 795827. A portion of IRWD is outside the jurisdictional boundary of OCWD. IRWD is eligible to annex the Santa Ana River Watershed portion of this territory to OCWD, under OCWD’s current annexation policy (OCWD Resolution No. 86-2-15, adopted on February 19, 1986, and reaffirmed on June 2, 1999). This September 29, 1998, Superior Court ruling indicates that IRWD is entitled to deliver groundwater from the Basin to the IRWD service area irrespective of whether such area is also within OCWD.

Dyer Road Wellfield (“DRWF”) / Deep Aquifer Treatment System (“DATS”)
(currently available)

(iii) Agreement For Water Production and Transmission Facilities, dated March 18, 1981, as amended May 2, 1984, September 19, 1990, and November 3, 1999 (the “DRWF Agreement”). The DRWF Agreement, among IRWD, OCWD and Santa Ana, concerns the development of IRWD’s Dyer Road Wellfield (DRWF), within the Basin. The DRWF consists of 16 wells pumping from the non-colored water zone of the Basin and 2 wells (with colored-water treatment facilities) pumping from the deep, colored-water zone of the Basin (the colored-water portion of the DRWF is sometimes referred to as the Deep Aquifer

⁸ The Baker WTP is supplied nonpotable imported water through the existing Baker Pipeline. IRWD’s existing Baker Pipeline capacity (see Section 2(b)(1) NONPOTABLE SUPPLY – IMPORTED) has been apportioned to the Baker WTP participants based on Baker WTP capacity ownership, and IRWD retains 10.5 cfs of pipeline capacity through the Baker WTP for potable supply and retains 36 cfs in Reach 1U of the Baker Pipeline capacity for nonpotable supply. In 2023, IRWD executed an agreement that sells 3 cfs to South County agencies, leaving 7.5 cfs for daily use for IRWD. However, should an emergency arise, IRWD retains the right to the use of the 3 cfs sold.

Treatment System or DATS.) Under the DRWF Agreement, an “equivalent” basin production percentage (“BPP”) has been established for the DRWF, currently 28,000 AFY of non-colored water and 8,000 AFY of colored water, provided any amount of the latter 8,000 AFY not produced results in a matching reduction of the 28,000 AFY BPP. Although typically IRWD production from the DRWF does not materially exceed the equivalent BPP, the equivalent BPP is not an extraction limitation; it results in imposition of monetary assessments on the excess production. The DRWF Agreement also establishes monthly pumping amounts for the DRWF. With the addition of the Concentrated Treatment System (“CATS”), IRWD has increased the yield of DATS.

Irvine Subbasin / Irvine Desalter (currently available)

(iv) First Amended and Restated Agreement, dated March 11, 2002, as amended June 15, 2006, restating May 5, 1988 agreement (“Irvine Subbasin Agreement”). TIC has historically pumped agricultural water from the Irvine Subbasin. (As in the rest of the Basin of which this subbasin is a part, the groundwater rights have not been adjudicated and OCWD provides governance and management under the Act.) The 1988 agreement between IRWD and TIC provided for the joint use and management of the Irvine Subbasin. The 1988 agreement further provided that the 13,000 AFY annual yield of the Irvine Subbasin (“Subbasin”) would be allocated 1,000 AFY to IRWD and 12,000 AFY to TIC. Under the restated Irvine Subbasin Agreement, the foregoing allocations were superseded as a result of TIC’s commencement of the building its Northern Sphere Area project, with the effect that the Subbasin production capability, wells and other facilities, and associated rights have been transferred from TIC to IRWD, and IRWD has assumed the production from the Subbasin. In consideration of the transfer, IRWD is required to count the supplies attributable to the transferred Subbasin production in calculating available supplies for the Northern Sphere Area project and other TIC development and has agreed that they will not be counted toward non-TIC development.

A portion of the existing Subbasin water production facilities produce water which is of potable quality. IRWD could treat some of the water produced from the Subbasin for potable use, by means of the Desalter and other projects. Although, as noted above, the Subbasin has not been adjudicated and is managed by OCWD, TIC reserved water rights from conveyances of its lands as development over the Subbasin has occurred, and under the Irvine Subbasin Agreement TIC has transferred its rights to IRWD.

(v) Second Amended and Restated Agreement Between Orange County Water District and Irvine Ranch Water District Regarding the Irvine Desalter Project, dated June 11, 2001, and other agreements referenced therein. This agreement provides for the extraction and treatment of subpotable groundwater from the Irvine Subbasin, a portion of the Basin. As is the case with the remainder of the Basin, IRWD’s entitlement to extract this water is not adjudicated, but the use of the entitlement is governed by the OCWD Act. (See also, discussion of Irvine Subbasin in the preceding paragraph.) A portion of the product water has been delivered into the IRWD potable system, and the remainder has been delivered into the IRWD nonpotable system.

Orange Park Acres (currently available)

On June 1, 2008, through annexation and merger, IRWD acquired the water system of the former Orange Park Acres Mutual Water company, including its well (“OPA Well”). The well is operated within the Basin.

Wells 21 and 22 (currently available)

In early 2013, IRWD completed construction of treatment facilities, pipelines, and wellhead facilities for Wells 21 and 22. Water supplied through this project became available in 2013. The wells are operated within the Basin.

Irvine Wells (under development)

(vi) IRWD has identified four well sites in west Irvine, Tustin Legacy and Tustin Ranch. Wells 51 and 52 have been drilled and two other vacant well sites have been obtained in Tustin, but not yet drilled. Wells 51 and 52 were recently rehabilitated but have not been connected to the distribution system. The Tustin Legacy Wells will be further investigated as future groundwater needs increase. These production facilities can be constructed and operated under the Act; no statutory or contractual approval is required to do so. Appropriate environmental review has or will be conducted for each facility. See discussion of the Act under Potable Supply - Groundwater, paragraph (i), above.

• **NONPOTABLE SUPPLY - RECYCLED**

Water Recycling Plants (currently available)

Water Code Section 1210. IRWD supplies its own recycled water from sewage collected by IRWD and delivered to IRWD’s Michelson Water Recycling Plant (“MWRP”) and Los Alisos Water Recycling Plant (“LAWRP”). Under the recently completed MWRP Phase II Capacity Expansion Project, IRWD increased its tertiary treatment capacity on the existing MWRP site to produce sufficient recycled water to meet the projected demand through the year 2045. MWRP currently has a permitted tertiary capacity of 28 million gallons per day (“MGD”) and LAWRP currently has a permitted tertiary capacity of 5.5 MGD. Water Code Section 1210 provides that the owner of a sewage treatment plant operated for the purposes of treating wastes from a sanitary sewer system holds the exclusive right to the treated effluent as against anyone who has supplied the water discharged into the sewer system. IRWD’s permits for the operation of MWRP and LAWRP allow only irrigation and other customer uses of recycled water, and do not permit stream discharge of recycled water under normal conditions; thus, no issue of downstream appropriation arises, and IRWD is entitled to deliver all of the effluent to meet contractual and customer demands. Additional reclamation capacity will augment local nonpotable supplies and improve reliability.

•NONPOTABLE SUPPLY - IMPORTED⁹

Baker Pipeline (currently available)

Santiago Aqueduct Commission (“SAC”) Joint Powers Agreement, dated September 11, 1961, as amended December 20, 1974, January 13, 1978, November 1, 1978, September 1, 1981, October 22, 1986, and July 8, 1999 (the “SAC Agreement”); Agreement Between Irvine Ranch Water District and Carma-Whiting Joint Venture Relative to Proposed Annexation of Certain Property to Irvine Ranch Water District, dated May 26, 1981 (the “Whiting Annexation Agreement”); service connections OC-13/13A, OC-33/33A. The imported untreated water pipeline initially known as the Santiago Aqueduct and now known as the Baker Pipeline was constructed under the SAC Agreement, a joint powers agreement. The Baker Pipeline is connected to MWD’s Santiago Lateral. IRWD’s capacity in the Baker Pipeline includes the capacity it subleases as successor to LAWD, as well as capacity rights IRWD acquired through the Whiting Annexation Agreement. (To finance the construction of AMP parallel untreated reaches which were incorporated into the Baker Pipeline, replacing original SAC untreated reaches that were made a part of the AMP potable system, it was provided that the MWDOC Water Facilities Corporation, and subsequently MWDOC, would have ownership, and the participants would be sublessees.) IRWD’s original capacities in the Baker Pipeline include 52.70 cfs in the first reach, 12.50 cfs in each of the second, third and fourth reaches and 7.51 cfs in the fifth reach of the Baker Pipeline. These existing Baker Pipeline capacities have been apportioned to the Baker WTP participants based on Baker WTP capacity ownership. IRWD retains 10.5 cfs of the pipeline capacity for potable supply through the Baker WTP and retains 36 cfs in Reach 1U of the Baker Pipeline capacity for nonpotable supply (See also footnote 8, page 27). In 2023, IRWD executed an Agreement that sells 3 cfs to South County agencies, leaving 7.5 cfs for daily use for IRWD. However, should an emergency arise, IRWD retains the right to use the 3 cfs sold. Water is subject to availability from MWD.

•NONPOTABLE SUPPLY - NATIVE

Irvine Lake (currently available)

(i) Permit For Diversion and Use of Water (“Permit No. 19306”) issued pursuant to Application No. 27503; License For Diversion and Use of Water (“License 2347”) resulting from Application No. 4302 and Permit No. 3238; License For Diversion and Use of Water (“License 2348”) resulting from Application No. 9005 and Permit No. 5202, and License For Diversion and Use of Water (“License 2349”) resulting from Application No. 9314. The foregoing permit and licenses, held solely by IRWD (as successor to The Irvine Company (“TIC”), Carpenter Irrigation District (“CID”), and Serrano Water District (“SWD”)), secure appropriate rights to the flows of Santiago Creek. Under Licenses 2347, 2348, and 2349 IRWD has the right to diversion by storage at Santiago Dam (Irvine

⁹ See Imported Supply - Additional Information, below, for information concerning the availability of the MWD supply.

Lake) and a submerged dam, of a total of 25,830 AFY. Under Permit No. 19306, IRWD has the right to diversion by storage of an additional 3,000 AFY by flashboards at Santiago Dam (Irvine Lake), as well as 15 cfs by direct diversion. (Rights under Permit No. 19306 may be junior to an OCWD permit to divert up to 35,000 AFY of Santiago Creek flows to spreading pits downstream of Santiago Dam.) The combined total of native water that may be diverted to storage in Irvine Lake, which is solely owned by IRWD, under these licenses and permit is 28,000 AFY. A 1996 amendment to License Nos. 2347, 2348 and 2349 limits the withdrawal of water from the Lake to 15,483 AFY under the licenses. This limitation specifically references the licensed water, and doesn't reference water stored pursuant to other legal entitlements (e.g. imported water).

•**NONPOTABLE SUPPLY - GROUNDWATER**

Irvine Subbasin / Irvine Desalter (currently available)

(i) IRWD's entitlement to produce nonpotable water from the Irvine Subbasin is included within the Irvine Subbasin Agreement. See discussion of the Irvine Subbasin Agreement under Potable Supply - Groundwater; paragraph (iv), above.

(ii) See discussion of the Irvine Desalter project under Potable Supply - Groundwater, paragraph (v), above. The Irvine Desalter project will produce nonpotable as well as potable water.

•**IMPORTED SUPPLY - ADDITIONAL INFORMATION**

As described above, the imported supply from MWD is contractually subject to availability. To assist local water providers in assessing the adequacy of local water supplies that are reliant in whole or in part on MWD's imported supply, MWD has provided information concerning the availability of the supplies to its entire service area. In the MWD 2020 UWMP, MWD has extended its planning timeframe out through 2045 to ensure that the MWD 2020 UWMP may be used as a source document for meeting requirements for sufficient supplies. In addition, the MWD 2020 UWMP includes "Justifications for Supply Projections" (Appendix A-3) that details the planning, legal, financial, and regulatory basis for including each source of supply in the plan. The MWD 2020 UWMP summarizes MWD's planning initiatives over the past 15 years, which includes the Integrated Resources Plan (IRP), the IRP 2015 Update, the WSDM Plan, Strategic Plan and Rate Structure. The reliability analysis in MWD's 2015 IRP Update shows that MWD can maintain reliable supplies under the conditions that have existed in past dry periods throughout the period through 2040. The MWD 2020 UWMP includes tables that show the region can provide reliable supplies under both the single driest year (1977) and multiple dry years (1990-92) through 2045. MWD has also identified buffer supplies, including additional State Water Project groundwater storage and transfers that could serve to supply the additional water needed.

It is anticipated that MWD will revise its regional supply availability analysis periodically, if needed, to supplement the MWD 2020 UWMP in years when the MWD UWMP is not being updated.

IRWD is permitted by the statute (Wat. Code, § 10610 *et seq.*) to rely upon the water supply information provided by the wholesaler concerning a wholesale water supply source, for use in preparing its UWMPs. In turn, the statute provides for the use of UWMP information to support water supply assessments and verifications. In accordance with these provisions, IRWD is entitled to rely upon the conclusions of the MWD UWMP. As referenced above under Summary of Results of Demand-Supply Comparisons - **Actions on Delta Pumping**, MWD has provided additional information on its imported water supply.

MWD's reserve supplies, together with the fact that IRWD relies on MWD supplies as supplemental supplies that need not be used to the extent IRWD operates currently available and under-development local supplies, build a margin of safety into IRWD's supply availability.

(2) Adopted capital outlay program to finance delivery of the water supplies.

All necessary delivery facilities currently exist for the use of the *currently available* and *under-development* supplies assessed herein, with the exception of future groundwater wells, and IRWD sub-regional and developer-dedicated conveyance facilities necessary to complete the local distribution systems for the Project. IRWD's turnout at each MWD connection and IRWD's regional delivery facilities are sufficiently sized to deliver all of the supply to the sub-regional and local distribution systems.

With respect to future groundwater well projects (PR Nos. 11828 and 11829), IRWD adopted its fiscal year 2023-24 capital budget on April 24, 2023 (Resolution No. 2023-6) and the mid-cycle capital budget for fiscal year 2024-25 was adopted on May 28, 2024. Budgeting portions of the funds are for such projects. (A copy is available from IRWD on request.) For these facilities, as well as unbuilt IRWD sub-regional conveyance facilities, the sources of funding are previously authorized general obligation bonds, revenue-supported certificates of participation and/or capital funds held by IRWD Improvement Districts. IRWD has maintained a successful program for the issuance of general obligation bonds and certificates of participation on favorable borrowing terms, and IRWD has received AAA public bond ratings. IRWD has approximately \$585.5 million (water) and \$711.1 million (recycled water and sewer) of unissued, voter-approved general obligation bond authorization. Certificates of participation do not require voter approval. Proceeds of bonds and available capital funds are expected to be sufficient to fund all IRWD facilities for delivery of the supplies under development. Tract-level conveyance facilities are required to be donated to IRWD by the Applicant or its successor(s) at time of development.

See also the MWD 2020 UWMP, Appendix A.3 Justifications for Supply Projections with respect to capital outlay programs related to MWD's supplies.

(3) Federal, state and local permits for construction of delivery infrastructure.

Most IRWD delivery facilities are constructed in public right-of-way or future right-of-way. State statute confers on IRWD the right to construct works along, under or across any stream of water, watercourse, street, avenue, highway, railway,

canal, ditch, or flume (Water Code Section 35603). Although this right cannot be denied, local agencies may require encroachment permits when work is to be performed within a street. If easements are necessary for delivery infrastructure, IRWD requires the developer to provide them. The crossing of watercourses or areas with protected species requires federal and/or state permits as applicable.

See also the MWD 2020 UWMP, Appendix A.3 Justifications for Supply Projections with respect to permits related to MWD's supplies.

(4) Regulatory approvals for conveyance or delivery of the supplies.

See response to preceding item (3). Additionally, in general, supplies under development may necessitate the preparation and completion of environmental documents and/or regulatory approvals prior to full construction and implementation. IRWD obtains such approvals when required, and copies of documents pertaining to approvals can be obtained from IRWD.

See also the MWD 2020 UWMP, Appendix A.3 Justifications for Supply Projections with respect to regulatory approvals related to MWD's supplies.

3. Other users and contract holders (identified supply not previously used).

For each of the water supply sources identified by IRWD, if no water has been received from that source(s), IRWD is required to identify other public water systems or water service contractholders that receive a water supply from, or have existing water supply entitlements, water rights and water service contracts to, that source(s):

Water has been received from all listed sources. A small quantity of Subbasin water is used by Woodbridge Village Association for the purpose of supplying its North and South Lakes. There are no other public water systems or water service contractholders that receive a water supply from, or have existing water supply entitlements, water rights and water service contracts to, the Irvine Subbasin.

4. Information concerning groundwater included in the supply identified for the Project:

(a) Relevant information in the Urban Water Management Plan (UWMP):

See Irvine Ranch Water District 2020 UWMP, section 6.2.

(b) Description of the groundwater basin(s) from which the Project will be supplied:

The Orange County Groundwater Basin ("Basin") is described in the Orange County Water District Groundwater Management Plan ("GMP") 2015 Update, dated June 17, 2015¹⁰. The rights of the producers within the Basin vis a vis one another have not been adjudicated. The Basin is managed by the Orange County Water District ("OCWD") for the benefit of municipal, agricultural, and

¹⁰ OCWD has also prepared a Long-Term Facilities Plan which was received and filed by its Board in July 2009, and last updated in November 2014.

private groundwater producers. OCWD is responsible for the protection of water rights to the Santa Ana River in Orange County as well as the management and replenishment of the Basin. Current production from the Basin is approximately 260,000 AFY.

The DWR has not identified the Basin as “critically overdrafted,” and has not identified the Basin as overdrafted in its most current bulletin that characterizes the condition of the Basin, Bulletin 118. The efforts being undertaken by OCWD to avoid long-term overdraft in the Basin are described in the OCWD GMP 2015 Update and OCWD Master Plan Report (“MPR”), including in particular, Chapters 4, 5, 6, 14 and 15 of the MPR. OCWD has also prepared a Long Term Facilities Plan (“LTFP”) which was received by the OCWD Board in July 2009 and was last updated in November 2014. The LTFP Chapter 3 describes the efforts being undertaken by OCWD to eliminate long-term overdraft in the Basin. See also following section on “**Sustainable Groundwater Management Act**”.

Although the water supply assessment statute (Water Code Section 10910(f)) refers to elimination of “long-term overdraft,” overdraft includes conditions which may be managed for optimum basin storage, rather than eliminated. OCWD’s Act defines annual groundwater overdraft to be the quantity by which production exceeds the natural replenishment of the Basin. Accumulated overdraft is defined in the OCWD Act to be the quantity of water needed in the groundwater basin forebay to prevent landward movement of seawater into the fresh groundwater body. However, seawater intrusion control facilities have been constructed by OCWD since the Act was written and have been effective in preventing landward movement of seawater. These facilities allow greater utilization of the storage capacity of the Basin.

OCWD has invested over \$250 million in seawater intrusion control (injection barriers), recharge facilities, laboratories, and Basin monitoring to effectively manage the Basin. Consequently, although the Basin is defined to be in an “overdraft” condition, it is actually managed to allow utilization of up to 500,000 acre-feet of storage capacity of the basin during dry periods, acting as an underground reservoir and buffer against drought. OCWD has an optimal basin management target of 100,000 acre-feet of accumulated overdraft provides sufficient storage space to accommodate increased supplies from one wet year while also provide enough water in storage to offset decreased supplies during a two- to three year drought. If the Basin is too full, artesian conditions can occur along the coastal area, causing rising water and water logging, an adverse condition. Since the formation of OCWD in 1933, OCWD has made substantial investment in facilities, Basin management and water rights protection, resulting in the elimination and prevention of adverse long-term “mining” overdraft conditions. OCWD continues to develop new replenishment supplies, recharge capacity and basin protection measures to meet projected production from the basin during normal rainfall and drought periods. (OCWD GMP, OCWD MPR and LTFP)

OCWD’s efforts include ongoing replenishment programs and planned capital improvements. It should be noted under OCWD’s management of overdraft to maximize the Basin’s use for annual production and recharge operations, overdraft varies over time as the Basin is managed to keep it in balance over the

long term. The Basin is not operated on an annual safe-yield basis. (OCWD GMP, OCWD MPR, section 3.2 and LTFP, section 6). See also the following section on “**Sustainable Groundwater Management Act**”.

(c) Description and analysis of the amount and location of groundwater pumped by IRWD from the Basin for the past five years:

The following table shows the amounts pumped, by groundwater source since the year 2002:

(In AFY)

Year (ending 6/30)	DRWF/DATS/ OPA/21-22	Irvine Subbasin (IRWD)	Irvine Subbasin (TIC)	LAWD ¹¹
2024	38,546	2,681	0	0
2023	36,558	4,692	0	0
2022	35,344	5,159	0	0
2021	38,722	3,644	0	0
2020	33,975	4,005	0	0
2019	38,603	3,961	0	0
2018	38,196	4,619	0	0
2017	39,787	4,077	0	169
2016	37,216	4,672	0	307
2015	40,656	9,840	0	336
2014	42,424	10,995	0	376
2013	38,617	8,629	0	282
2012	37,059	7,059	0	0
2011	34,275	7,055	0	0
2010	37,151	8,695	0	3
2009	38,140	7,614	0	0
2008	36,741	4,539	0	16
2007	37,864	5,407	0	6
2006	37,046	2,825	0	268
2005	36,316	2,285	628	357
2004	30,265	1,938	3,079	101
2003	24,040	2,132	4,234	598
2002	25,855	2,533	5,075	744

¹¹ The water produced from IRWD’s Los Alisos wells is not included in this assessment. IRWD is presently evaluating the future use of these wells.

(d) Description and analysis of the amount and location of groundwater projected to be pumped by IRWD from the Basin:

IRWD has a developed groundwater supply of 35,200 AFY from its Dyer Road Wellfield (including the Deep Aquifer Treatment System), in the main portion of the Basin.

Although TIC's historical production from the Subbasin declined as its use of the Subbasin for agricultural water diminished, OCWD's and other historical production records for the Subbasin show that production has been as high as 13,000 AFY. Plans are also underway to expand IRWD's main Orange County Groundwater Basin supply (characterized as *under-development* supplies herein). (See Section 2 (a) (1) herein). IRWD anticipates the development of potential additional production facilities within both the main Basin and the Irvine Subbasin. However, such additional facilities have not been included or relied upon in this assessment. Additional groundwater development will provide an additional margin of safety as well as reduce future water supply costs to IRWD.

The following table summarizes future IRWD groundwater production from currently available and under-development supplies.

(In AFY)

Year (ending 6/30)	DRWF¹²	Future GW¹³	IDP (Potable)	IDP (Nonpotable)
2025	42,218	2,800	5,618	3,461
2030	42,218	2,800	5,618	3,461
2035	42,218	2,800	5,618	3,461
2040	42,218	2,800	5,618	3,461

(e) If not included in the 2020 UWMP, analysis of the sufficiency of groundwater projected to be pumped by IRWD from the Basin to meet the projected water demand of the Project:

See responses to 4(b) and 4(d).

The OCWD MPR and LTFP examined future Basin conditions and capabilities, water supply and demand, and identified projects to meet increased replenishment needs of the basin. With the implementation of OCWD's preferred projects, the Basin yield in the year 2025 would be up to 500,000 AF. The amount that can be produced will be a function of which projects will be implemented by OCWD and how much increased recharge capacity is created

¹² See Potable Supply - Groundwater, paragraph (iii), above. DRWF non-colored production above 28,000 AFY and colored water production above 8,000 AFY are subject to contractually-imposed assessments. In addition, seasonal production amounts apply. This also includes 3,200 AFY for the OPA well and 2,800 AFY for Wells 21 & 22.

¹³ Under-development.

by those projects, total demands by all producers, and the resulting Basin Production Percentage (“BPP”) that OCWD sets based on these factors.¹⁴ Sufficient replenishment supplies are projected by the OCWD MPR to be available to OCWD to meet the increasing demand on the Basin. These supplies include capture of increasing Santa Ana River flows, purchases of replenishment water from MWD, and development of new local supplies. In 2008, OCWD began operating its replenishment supply project, the Groundwater Replenishment System project (“GWRS”). The GWRS currently produces approximately 100,000 AFY of new replenishment supply from recycled water (OCWD GMP).

Production of groundwater can exceed applicable basin production percentages on a short-term basis, providing additional reliability during dry years or emergencies. Additional groundwater production is anticipated by OCWD in the Basin in dry years, as producers reduce their use of imported supplies, and the Basin is “mined” in anticipation of the eventual availability of replenishment water. (OCWD MPR, section 14.6.)

See also, Figures 1-8 hereto. IRWD assesses sufficiency of supplies on an aggregated basis, as neither groundwater nor other supply sources are allocated to particular projects or customers. Under the Irvine Subbasin Agreement, IRWD is contractually obligated to attribute the Subbasin supply only to TIC development projects for assessment purposes; however, the agreement does not allocate or assign rights in the Subbasin supply to any project.

Sustainable Groundwater Management Act. Pursuant to the Sustainable Groundwater Management Act (“SGMA”), the DWR has designated the Orange County groundwater basin, Basin 8-1, as a medium priority basin for purposes of groundwater management. The SGMA specifically calls for OCWD, which regulates the Orange County groundwater basin, to serve as the groundwater sustainability agency or “GSA”. The SGMA allows Special Act Districts created by statute, such as OCWD, to prepare and submit an alternative to a Groundwater Sustainability Plan (“GSP”) that is “functionally equivalent” to a GSP. Basin 8-1 includes the OCWD service area and several fringe areas outside of OCWD that are within the Basin 8-1 boundary. Per the requirements of SGMA, an Alternative Plan must encompass the entire groundwater basin as defined by DWR. On January 1, 2017, OCWD and the overlying agencies within Basin 8-1, including IRWD, jointly prepared and submitted an alternative plan in compliance with SGMA (Basin 8-1 Alternative). The Basin 8-1 Alternative was updated in January 2024.

¹⁴ OCWD has adopted a basin production percentage of 85% for 2024-25. In prior years OCWD has maintained a basin production percentage that is lower than the current percentage, and IRWD anticipates that such reductions may occur from time to time as a temporary measure employed by OCWD to encourage lower pumping levels as OCWD implements other measures to reduce the current accumulated overdraft in the Basin. Any such reductions are not expected to affect any of IRWD’s currently available groundwater supplies listed in this assessment, which are subject to a contractually-set equivalent basin production percentage as described or are exempt from the basin production percentage.

5. This Water Supply Assessment is being completed for a project included in a prior water supply assessment. Check all of the following that apply:

- Changes in the Project have substantially increased water demand.
- Changes in circumstances or conditions have substantially affected IRWD's ability to provide a sufficient water supply for the Project.
- Significant new information has become available which was not known and could not have been known at the date of the prior Water Supply Assessment.

6. References

Water Resources Master Plan, Irvine Ranch Water District, Updated 2017

Water Shortage Contingency Plan, Irvine Ranch Water District, June 2021

2020 Urban Water Management Plan, Irvine Ranch Water District, June 2021

Proposed Framework for Metropolitan Water District's Delta Action Plan, Metropolitan Water District of Southern California, May 8, 2007

2007 IRP Implementation Report, Metropolitan Water District of Southern California, October 7, 2007

2010 Integrated Resources Plan Update, Metropolitan Water District of Southern California, October 2010

2015 Integrated Resources Plan Update, Metropolitan Water District of Southern California, January 2016

2020 Integrated Water Resources Plan Regional Needs Assessment, Metropolitan Water District of Southern California, April 2022

2020 Urban Water Management Plan, Metropolitan Water District of Southern California, June 2021

2020 Urban Water Management Plan, Municipal Water District of Orange County, May 2021

Climate Action Plan, Metropolitan Water District of Southern California, May 2022

Climate Action Plan Phase 2: Climate Change Analysis Guidance, California Department of Water Resources, September 2018

Master Plan Report, Orange County Water District, April 1999

Groundwater Management Plan 2015 Update, Orange County Water District, June 2015

Final Draft Long-Term Facilities Plan, Orange County Water District, January 2006

Long-Term Facilities Plan 2014 Update, Orange County Water District, November 2014

2022-2023 Engineer's Report on Groundwater Conditions, Water Supply and Basin Utilization in the Orange County Water District, Orange County Water District, February 2024

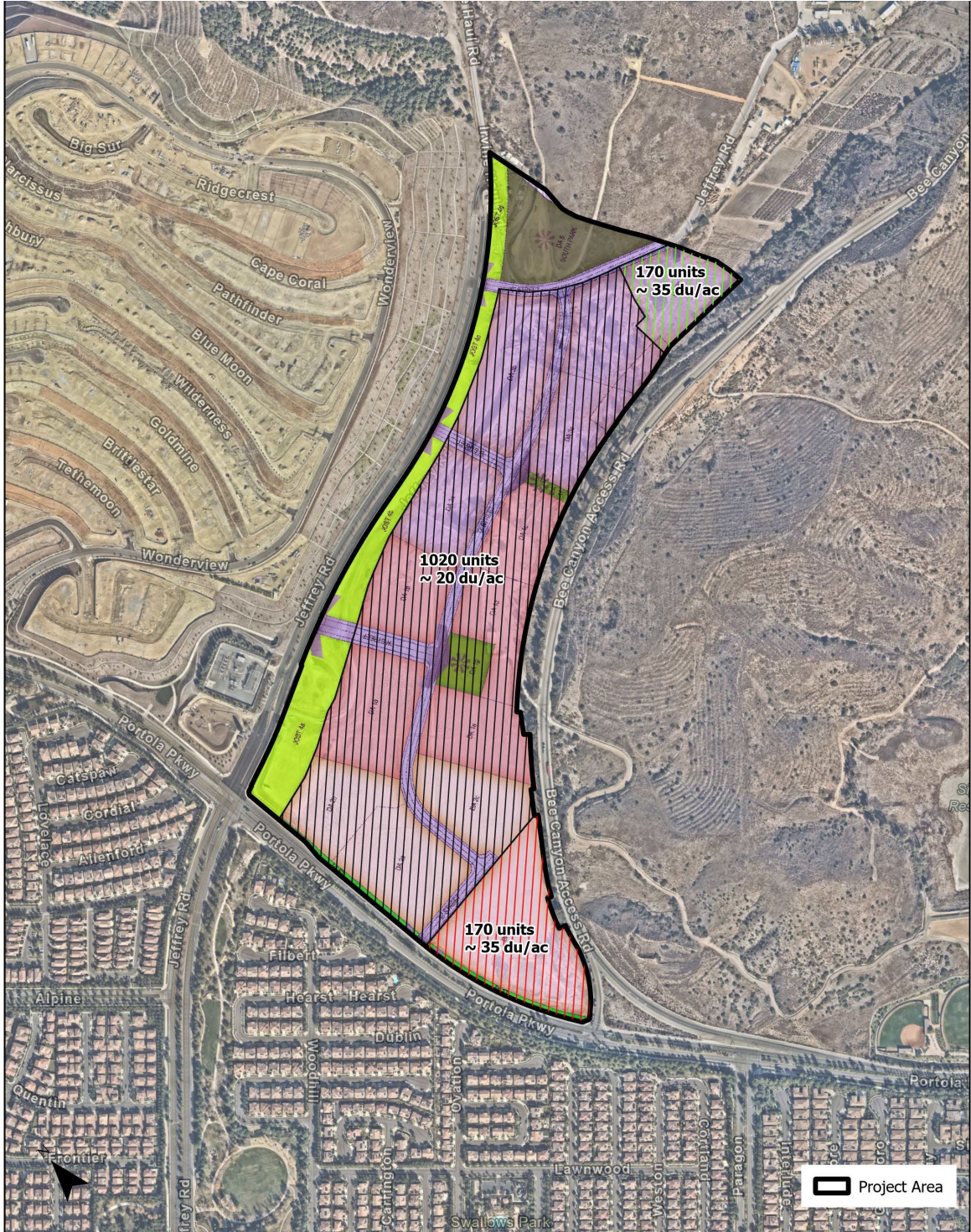
Basin 8-1 Alternative, Orange County Water District, January 2017

Basin 8-1 Alternative 2022 Update, Orange County Water District, January 2022

Attachment A

Depiction of Project Area

Gateway Residential Project in PA2



Attachment B

Uses Included in Project

1/30/25

Irvine Ranch Water District
15600 Sand Canyon
Avenue P.O. Box 57000
Irvine, CA 92619-7000

Re: Request for Water Supply Availability Assessment (Water Code §10910 *et seq.*) for Gateway Residential Project in the City of Irvine

The City of Irvine hereby requests an assessment of water supply availability for the below-described project. The City has determined that the project is a "project" as defined in Water Code §10912, and has determined that an environmental impact report is required for the project.

Proposed Project Information

Project Title: Gateway Residential

Location of project: Northeast corner of Portola Parkway and Jeffrey Road. The site is bounded by Portola Parkway to the south, Jeffrey Road/Hicks Haul Road to the northwest, and Bee Canyon Access Road to the east. Hicks Canyon Wash is to the north.

- (For projects requiring a new assessment under Water Code §10910 (h).) Previous Water Supply Assessment including this project was prepared on: _____ This application requests a new Water Supply Assessment, due to the following (check all that apply):
- Changes in the project have substantially increased water demand
- Changes in circumstances or conditions have substantially affected IRWD's ability to provide a sufficient water supply for the project
- Significant new information has become available which was not known and could not have been known at the date of the prior Water Supply Assessment

(Enclose maps and exhibits of the project)

Type of Development:

- Residential: No. of dwelling units: 1, 360 dwelling units
- Shopping center or business: No. of employees N/A Sq. ft. of floor space N/A
- Commercial office: No. of employees N/A Sq. ft. of floor space N/A
- Hotel or motel: No. of rooms N/A
- Industrial, manufacturing, processing or industrial park: No. of employees N/A
No. of acres N/A Sq. ft. of floor space N/A
- Mixed use (check and complete all above that apply)
- Other: N/A

Total acreage of project: 120 gross acres

Acreage devoted to landscape:

Greenbelt approx 35 acres golf course N/A parks approx 6.7 acres
Agriculture N/A other landscaped areas approx 1.2 acres

Number of schools N/A Number of public facilities 4.9 acre public park & 9.5 acre trail

Other factors or uses that would affect the quantity of water needed, such as peak flow requirements or potential uses to be added to the project to reduce or mitigate environmental impacts:

1.4 acre neighborhood park with resident amenities such as swimming pools

What is the current land use of the area subject to a land use change under the project?
Current use is vacant land with a seed farm. Project site is currently designated in the General Plan as Recreation but a general plan amendment will be requested for residential development.

Is the project included in the existing General Plan? No If no, describe the
The project site is currently designated for Recreation. A General Plan Amendment will be requested for residential development

The City acknowledges that IRWD's assessment will be based on the information hereby provided to IRWD concerning the project. If it is necessary for corrected or additional information to be submitted to enable IRWD to complete the assessment, the request will be considered incomplete until IRWD's receipt of the corrected or additional information. If the project, circumstances or conditions change or new information becomes available after the issuance of a Water Supply Assessment, the Water Supply Assessment may no longer be valid. The City will request a new Water Supply Assessment if it determines that one is required.

The City acknowledges that the Water Supply Assessment shall not constitute a "will-serve" or in any way entitle the project applicant to service or to any right, priority or allocation in any supply, capacity or facility, and that the issuance of the Water Supply Assessment shall not affect IRWD's obligation to provide service to its existing customers or any potential future customers including the project applicant. In order to receive service, the project applicant shall be required to file a completed Application(s) for Service and Agreement with the Irvine Ranch Water District on IRWD's forms, together with all fees and charges, plans and specifications, bonds and conveyance of necessary easements, and meet all other requirement as specified therein.

CITY OF IRVINE

By: Erica S. Hong

Erica S. Hong
Senior Planner, Community Development

REQUEST RECEIVED:

Date: 3-19-25

By: [Signature]
Irvine Ranch Water District

REQUEST COMPLETE:

Date: _____

By: _____
Irvine Ranch Water District

**IRVINE RANCH WATER DISTRICT
VERIFICATION OF SUFFICIENT WATER SUPPLY
Government Code §66473.7**

To: *(Lead Agency)*
City of Irvine
One Civic Center Plaza
Irvine, CA 92623-9575

(Applicant)
Brookfield Residential
3200 Park Center Drive, Suite 100
Costa Mesa, CA 92626

Project Information

Project Title: Gateway Residential
 Tentative Tract No. 2024-19352 Verification requested prior to tentative map application

Number of residential units in Project: 1,360
Uses in Project including non-residential (type, no. of employees, sq. ft. of floor space, acreage): (see Attachment B)
Acreage to be devoted to landscape (excluding individual residence yards): (see Attachment B)

- The projected water demand for the Project was included in IRWD's most recently adopted urban water management plan.
- A Water Supply Assessment that included the Project was adopted by IRWD on _____, for Gateway Residential. A copy of the Assessment is attached hereto and incorporated herein by this reference (see Exhibit B).

Verification of Availability of Sufficient Water Supply

On _____, the Board of Directors of the Irvine Ranch Water District (IRWD) approved the within Verification and made the following determination regarding the above-described Project:

- A sufficient water supply is available for the Project.
The total water supplies available to IRWD during normal, single-dry and multiple-dry years within a 20-year projection will meet the projected water demand of the Project in addition to the demand of existing and other planned future uses, including, but not limited to, agricultural and manufacturing uses.
- A sufficient water supply is not available for the Project.

The foregoing determination is based on the following Water Supply Verification Information and supporting information in the records of IRWD.

Signature *Date* *Title*

WATER SUPPLY VERIFICATION INFORMATION

Purpose of Verification

Irvine Ranch Water District (“IRWD”) is the public water system that will supply water service (both potable and nonpotable) to the project identified on the cover page of this verification (the “Project”). As a public water system, IRWD is required by Section 66473.7 of the Government Code (the “Verification Law”) to provide the City with a verification of the availability of a sufficient water supply for non-exempt subdivisions of more than 500 residential units in conjunction with (or prior to) the City’s approval of a tentative map. The City has found the Project to include a subdivision that is subject to verification and not exempt under the Verification Law.

The Verification Law provides that a verification shall be supported by substantial evidence, which may include, but is not limited to, any of the following (i) IRWD’s most recently adopted urban water management plan; (ii) a water supply assessment previously adopted for the project under Water Code 10910, *et seq.*; or (iii) other analytical information substantially similar to the assessment of service reliability required by Water Code Section 10635 to be included in the urban water management plan. The Verification Law also specifies the elements to be contained in a verification with respect to (i) supplies relied upon that are not currently available; (ii) reasonably foreseeable impacts of the subdivision on the availability of water resources for agricultural and industrial uses within IRWD’s service area that are not currently receiving water; and (iii) rights to extract additional groundwater needed to supply the subdivision.

A verification does not entitle the Project to service or to any right, priority or allocation in any supply, capacity or facility, or affect IRWD’s obligation to provide service to its existing customers or any potential future customers. In order to receive service, the Project applicant is required to file a completed Application(s) for Service and Agreement with the Irvine Ranch Water District on IRWD’s forms, together with all fees and charges, plans and specifications, bonds and conveyance of necessary easements, and meet all other requirement as specified therein.

Methodology of Verification for Project With Prior Water Supply Assessment

As referenced on the cover page of this verification (the “Verification”), the Project was included within an assessment of water supply approved by IRWD (the “Assessment”). The Assessment contained IRWD’s determination that a sufficient water supply is available for the Project. As described in the Assessment, IRWD does not allocate particular supplies to any project, but identifies total supplies for its service area. However, upon approval of an assessment containing a determination of a sufficient supply, IRWD attributes the demands identified by that assessment to IRWD’s existing and committed demand. Thereafter, each verification approved by IRWD for a subdivision covered by that assessment is based on the assessment and reflects IRWD’s confirmation that the water demands of the subdivision, together with any other subdivisions or developments that have previously received verifications, will-serves, or other approval by IRWD under the same assessment, are, in the aggregate, within the demand identified by that assessment. In accordance with that procedure, this Verification is based on the Assessment. The Assessment’s determination of sufficiency extends through 2045. In addition, this Verification includes the elements required by the Verification Law that are not included within the required contents of the Assessment.

Supporting Documentation

As noted above, the principal supporting documentation for this Verification is the Assessment. Other documentation supports the Assessment and this Verification: IRWD prepares two planning documents to guide water supply decision-making. IRWD's principal planning document is IRWD's "Water Resources Master Plan" ("WRMP"). The WRMP is a comprehensive document compiling data and analyses that IRWD considers necessary for its planning needs. IRWD also prepares an Urban Water Management Plan ("UWMP"), a document required by statute. The UWMP is based on the WRMP, but contains defined elements as listed in the statute (Water Code Section 10631, *et seq.*), and as a result, is more limited than the WRMP in the treatment of supply and demand issues. The UWMP is required to be updated in years ending with "five" and "zero," and IRWD's most recent 2020 UWMP was adopted in June 2021 and the next update for 2025 is anticipated in July 2026. The water demand for the Project will be included in IRWD's 2025 UWMP update.

In addition to the Assessment, the most recent WRMP and the 2020 UWMP mentioned above, other supporting documentation referenced herein is found in Section 5 of this Verification. This includes the most recent Metropolitan Water District of Southern California's (MWD) Urban Water Management Plan (MWD 2020 UWMP) detailing an evaluation by MWD, the wholesaler of IRWD's imported water supplies, of the reliability of MWD's supplies, adopted in May 2021.

The Verification Law requires written proof of entitlement for "not currently available" (referred to herein as "under development") supplies. The Assessment includes such information for both currently available and under development supplies. Due to the number of contracts, statutes and other documents comprising IRWD's written proof of entitlement to its water supplies, in lieu of attachment of such items, they are identified by title and summarized in Section 2 of the Assessment. Copies of the summarized items can be obtained from IRWD.

Sufficiency Calculation Methodology

The methodology for IRWD's comparison of its demands and supplies is set forth in the Assessment, in the section entitled "Assessment Methodology" and subsections thereof entitled "water use factors; dry-year increases;" "planning horizon;" "assessment of demands;" "assessment of supplies;" and "comparison of demand and supply."

Detailed Verification

1. Determination of sufficiency of water supply

(a) Supply and demand comparison

See the Assessment, Section 1, incorporated herein by reference.

(b) Factors considered in determining the sufficiency of the water supply:

(i) The availability of water supplies over a historical record of at least 20 years.

Quantities received in prior years from existing sources identified in (a)(1):

Source	1990	1995	2000	2005	2010	2015	2020
Potable – imported	44,401	28,397	36,777	19,306	15,227	13,674	15,904
Potable – groundwater	10,215	20,020	20,919	37,160	42,089	54,616	42,374
Nonpotable - recycled	11,589	10,518	14,630	15,296	20,847	21,770	26,412
Nonpotable - imported	24,899	2,333	16,343	5,304	5,562	7,869	1,528
Nonpotable – groundwater	816	1,834	2,890	2,285	3,761	3,462	4,795
Nonpotable – native	2,778	5,980	4,949	7,251	837	6,205	1,682
Total	94,698	69,082	96,508	86,602	88,323	107,596	92,695

See also the Assessment, Section 1, incorporated herein by reference.

(ii) The applicability of a water shortage contingency analysis prepared pursuant to Water Code Section 10632 that includes actions to be undertaken by IRWD in response to water supply shortages.

The supply and demand comparisons incorporated from the Assessment into this Verification (see 1(a)) do not reflect the implementation of water shortage emergency measures. In February 2009, IRWD updated Section 15 of its Rules and Regulations – Water Conservation and Water Supply Shortage Program and also updated its Water Shortage Contingency Plan, which is a supporting document for Section 15. IRWD adopted an updated Water Shortage Contingency Plan on June 28, 2021 pursuant to Water Code Section 10632. As stated in IRWD’s Water Shortage Contingency Plan, use of local supplies, storage and other supply augmentation measures can mitigate shortages, and be used as necessary and appropriate during declared shortage levels. However, in order to be conservative, IRWD has not reduced its single-dry or multiple-dry year demand projections or increased its single-dry or multiple-dry year supply projections in the Assessment or Verification to account for any water savings that could be achieved by these measures.

(iii) Reduction by IRWD in water supply allocated to a specific water use sector, pursuant to a resolution, ordinance or contract uses.

The supply and demand comparisons incorporated from the Assessment into this Verification (see 1(a)) do not reflect any allocated reductions by IRWD. As noted under the preceding item (ii), IRWD’s water shortage contingency plan and Rules and Regulations provide

for voluntary and mandatory water conservation measures that could be invoked in declared water shortage emergencies. These include reductions to certain water uses. However, in order to be conservative, IRWD has not reduced its single-dry or multiple-dry year demand projections or increased its single-dry or multiple-dry year supply projections in the Assessment or Verification to account for water savings that could be achieved by any allocated reductions.

With respect to items (ii) and (iii) above, it is noted that MWD has in effect a management plan for dealing with periodic surplus and shortage conditions, known as Metropolitan Report No. 1150, *Water Surplus and Drought Management Plan*, and as also described in the 2020 MWD UWMP. MWD's demand projections account for the effects of long-term conservation best management practices.

(iv) The amount of water that IRWD can reasonably rely on receiving from other water supply projects, such as conjunctive use, reclaimed water, water conservation, and water transfer, including programs identified under federal, state and local water initiatives such as CALFED and Colorado River tentative agreements, based on the inclusion of information with respect to such supplies in Section 2, below.

Local. IRWD directly relies (for a portion of its full build-out annual demand in single and multiple dry-year projections) on the following under development supplies (see 1(a), above): the Irvine Wells (see the Assessment, Section 2(b)(1)(vi) – “POTABLE SUPPLY – GROUNDWATER”). In addition to Orange County Water District (OCWD) reports listed in the Assessment Reference List, OCWD has also prepared a Long Term Facilities Plan (“LTFP”) which provides updated information and was received by the OCWD Board in July 2009 and updated in 2014. The LTFP Chapter 3 describes the efforts being undertaken by OCWD to eliminate long-term overdraft in the Basin. OCWD has an optimal basin management target of 100,000 acre-feet of accumulated overdraft which provides sufficient storage space to accommodate increased supplies from one wet year while also provides enough water in storage to offset decreased supplies during a two- to three year drought. (Source: “Evaluation of Orange County Groundwater Basin Storage and Operational Strategy”, as referenced in *2022-2023 Engineer’s Report on Groundwater Conditions, Water Supply and Basin Utilization in the Orange County Water District*).

With the implementation of OCWD's preferred projects, the Basin yield in the year 2030 would be up to 500,000 AF. The amount that can be produced will be a function of which projects will be implemented by OCWD and how much increased recharge capacity is created by those projects, total demands by all producers, and the resulting Basin Production Percentage (“BPP”) that OCWD sets based on these factors.

IRWD's own recycled water expansion program is also shown as currently available in addition to its currently available recycled water supply from its own existing recycling program. The recycled water supplies are discussed in Section 2 below (see the Assessment, Section 1 – Figures 5, 6, 7 and 8 (supplies denominated “MWRP” and “LAWRP”) and Section 2(a), and Section 2(b)(1) - “NONPOTABLE SUPPLY – RECLAIMED”). Under the MWRP Phase II Capacity Expansion Project, IRWD increased its tertiary treatment capacity on the existing MWRP site to produce sufficient recycled water to meet the projected demand of the Project through the year 2045. Additional recycling capacity will augment local nonpotable supplies and improve reliability.

As noted in the Assessment, IRWD's demand projections reflect the effect of IRWD's water conservation pricing and other conservation practices; in particular, IRWD's water use factors used to derive its demand projections are based on average water use and incorporate the effect of IRWD's tiered-rate conservation pricing and its other long-term water conservation programs. System losses at a rate of approximately 5% are built into the water use factors. As discussed above, IRWD's supply and demand projections do not take into account water savings that could be achieved by water shortage emergency measures.

Imported. MWD, the supplier of IRWD's imported supplies, relies upon several of the listed projects and programs. MWD supports and provides financial incentives to water reclamation, groundwater recovery, water conservation, ocean desalination and other local resource development programs. MWD calculates its demand forecast by first estimating total retail demand for the region and then factoring in impacts of conservation. Next, it derives projections of local supplies using data on current and expected local supply programs and Integrated Resource Planning (IRP) Local Resource Program Target. The difference between the resulting local demands is the expected regional demand on MWD. These estimates of demands on MWD were developed for average years, a single dry year, and five years of consecutive drought. (2020 MWD UWMP). In the MWD 2020 UWMP, MWD states that it has supply and storage capabilities sufficient to meet projected demands from 2025 through 2045 under a normal year, a single dry year, and five consecutive drought year conditions. See MWD 2020 UWMP Section 2.3 Water Reliability Assessment.

In January 2016, MWD adopted its 2015 IRP Update. In the 2015 IRP Update, MWD continued its adaptive management strategy and integrated future supply actions to improve the viability of potential contingency resources as needed, and to position the region to effectively implement these resources in a timely manner. In 2020, MWD completed another update of the IRP. In MWD's 2020 IRP Regional Needs Assessment, MWD finds that SWP supplies are highly susceptible to varying hydrologic conditions, climate change, and regulatory restrictions. In this report, MWD assesses climate vulnerabilities and the need for future projects such as indirect potable reuse, stormwater capture, and expanded storage capacity to mitigate and adapt to these vulnerabilities and ensure future resilience. In 2022, MWD released a Climate Action Plan which complements MWD's IRP planning process and set reduction targets and outlined strategies to reduce emission levels by 2045.

2. Required information concerning *under-development* supplies

(a) Written contracts or other proof of valid rights to the identified supplies

See the Assessment, Section 2(b)(1), incorporated herein by reference. See also MWD's 2020 UWMP, Appendix A.3 Justifications for Supply Projections with respect to written contracts and other proof related to MWD's supplies.

(b) Adopted capital outlay program to finance delivery of the supplies

See the Assessment, Section 2(b)(2), incorporated herein by reference. With respect to future groundwater wells (PR Nos. 11828 and 11829), IRWD adopted its fiscal year 2023-24 capital budget on April 24, 2023 (Resolution No. 2023-6) and the mid-cycle capital budget for fiscal year 2024-25 was adopted on May 28, 2024. Budgeting portions of the funds are for such projects. (A copy is available from IRWD on request.) IRWD has approximately \$585.5 million (water) and \$711.1 million (recycled water and sewer) of unissued, voter-approved bond

authorization. See also MWD’s 2020 UWMP, Section 3 and Appendix A.3 Justifications for Supply Projections with respect to capital outlay programs related to MWD’s supplies.

(c) Federal, state and local permits to construct delivery infrastructure

See the Assessment, Section 2(b)(3), incorporated herein by reference. See also MWD’s 2020 UWMP, Section 3 and Appendix A.3 Justifications for Supply Projections with respect to permits related to MWD’s supplies.

(d) Regulatory approvals for conveyance or delivery of the supplies

See the Assessment, Section 2(b)(4), incorporated herein by reference. See also MWD’s 2020 UWMP, Appendix A.3 Justifications for Supply Projections with respect to regulatory approvals related to MWD’s supplies.

3. Foreseeable impacts of the Project on the availability of water for agricultural and industrial uses in IRWD’s service area not currently receiving water

Based on city planning and other information known to IRWD, there are no agricultural or industrial uses in IRWD’s service area that are not within either existing and committed demand or future demand, both of which are included within the supply and demand comparison and determination of sufficiency (see 1(a)).

4. Information concerning the right to extract additional groundwater included in the supply identified for the Project:

Where the water supply for the Project includes groundwater, the verification is required to include an evaluation of the extent to which IRWD or the landowner has the right to extract the additional groundwater needed to supply the Project. See the Assessment, Section 2(b)(1), “POTABLE SUPPLY – GROUNDWATER” and “NONPOTABLE SUPPLY – GROUNDWATER,” and Section 4, incorporated herein by reference.

5. References

Water Resources Master Plan, Irvine Ranch Water District, Updated 2017

Water Shortage Contingency Plan, Irvine Ranch Water District, June 2021

2020 Urban Water Management Plan, Irvine Ranch Water District, June 2021

2015 Integrated Resources Plan Update, Metropolitan Water District of Southern California, January 2016

2020 Integrated Water Resources Plan Regional Needs Assessment, Metropolitan Water District of Southern California, April 2022

2020 Urban Water Management Plan, Metropolitan Water District of Southern California, May 2021

Climate Action Plan, Metropolitan Water District of Southern California, May 2022

Groundwater Management Plan 2015 Update, Orange County Water District, June 2015

Final Draft Long-Term Facilities Plan, Orange County Water District, January 2006

Long-Term Facilities Plan 2014 Update, Orange County Water District, November 2014

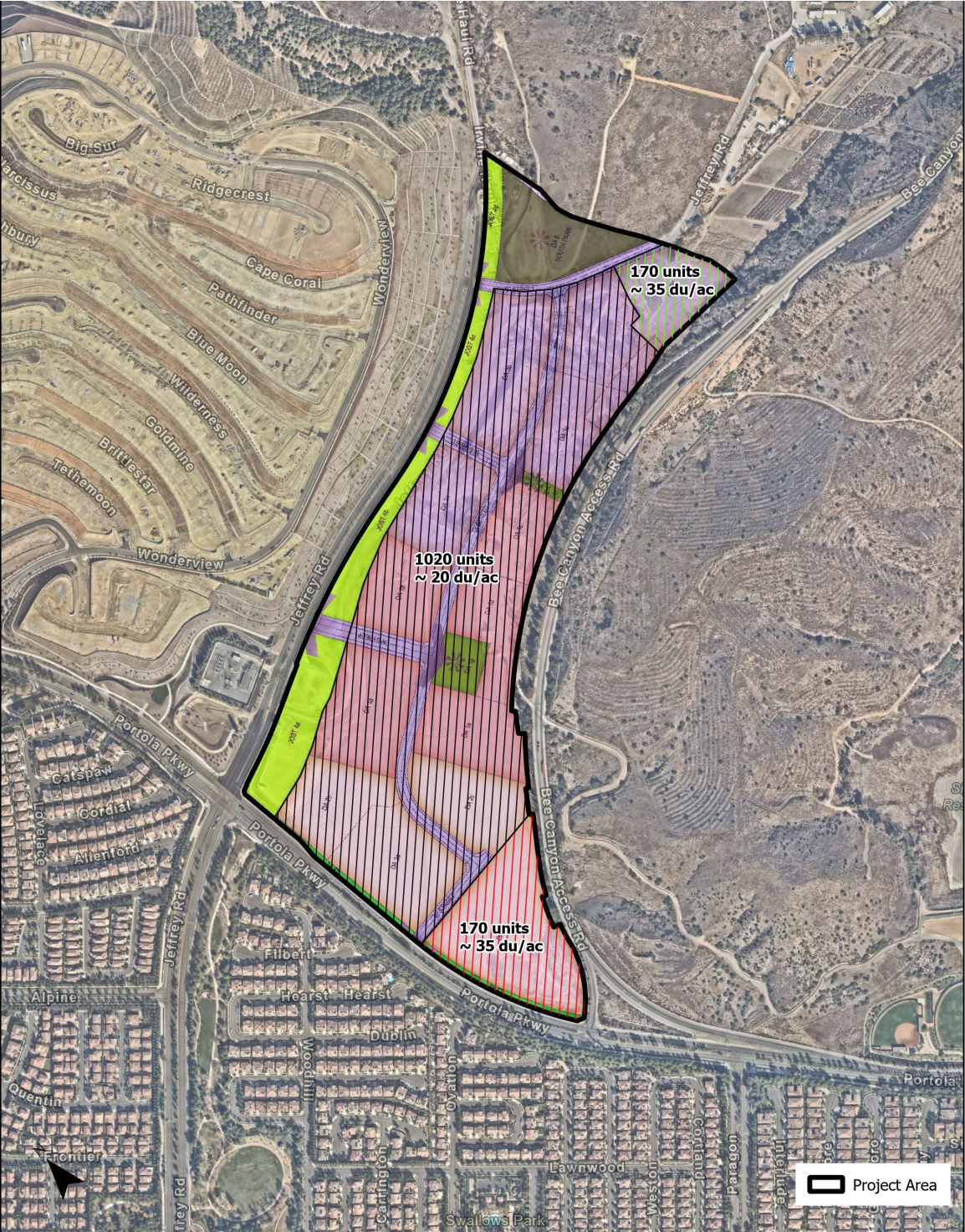
Master Plan Report, Orange County Water District, April 1999

2022-2023 Engineer's Report on Groundwater Conditions, Water Supply and Basin Utilization in the Orange County Water District, Orange County Water District, February 2024

Attachment A

Depiction of Project Area

Gateway Residential Project in PA2



Attachment B

Uses Included in Project

1/30/25

Irvine Ranch Water District
15600 Sand Canyon Avenue
P.O. Box 57000
Irvine, CA 92619-7000

Re: Request for Verification of Sufficient Water Supplies (Government Code §66473.7(b)(1))

The [[City of Irvine/County of Orange]] hereby requests verification of the availability of a sufficient water supply for the below-described project. Under Government Code §66473.7(b)(1), written verification of the availability of a sufficient water supply is required in conjunction with or prior to the approval of any tentative map that includes a residential subdivision of more than 500 dwelling units, subject to certain exemptions.

The City has determined that the subject project (1) includes a subdivision meeting the criteria requiring verification of availability of sufficient water supply and (2) does not fall within one of the statutory exemptions for previously developed urban sites, sites surrounded by urban use, or low-income housing sites.

Proposed Project Information

Project Title: Gateway Residential VTTM 19352

Location of project: Northeast corner of Portola Parkway and Jeffrey Road. The site is bounded by Portola Parkway to the south, Jeffrey Road/Hicks Haul Road to the northwest, and Bee Canyon Access Road to the east. Hicks Canyon Wash is to the north.

Planning Area(s): 2
(Enclose a project map and exhibits)

Was the project included as part of a previously completed Water Supply Assessment (Water Code §10910)? yes no

If yes, date and project title of Water Supply Assessment Pending

If no, state reason: CEQA documentation not requiring a Water Supply Assessment was completed prior to January 1, 2002 other: _____

Was a Water Supply Verification previously completed for the project? yes no

If yes, indicate reason for reverification: tract map expiration new Water Supply Assessment required due to project revisions, changed circumstances or new information

- Tentative Map Application No.* _____ Tentative Tract No.* 19352
- Verification is being requested prior to tentative map application (Government Code §66473.7(1) (Indicate next project approval sought: _____))

(*A copy of the tentative map application including the proposed subdivision was sent to IRWD on: 1/30/25, (Government Code §66455.3))

Type of development included in the project:
 Residential: No. of dwelling units: 1,360

- Shopping center or business: No. of employees _____ Sq. ft. of floor space _____
- Commercial office: No. of employees _____ Sq. ft. of floor space _____
- Hotel or motel: No. of rooms _____
- Industrial, manufacturing, processing or industrial park: No. of employees _____
No. of acres _____ Sq. ft. of floor space _____
- Mixed use (check and complete all above that apply)
- Other: _____

Total acreage of project: 81.2 Gross

Acreage devoted to landscape:

Greenbelt _____ Golf course _____ Parks approx. 5.2 acres
Agriculture _____ Other landscaped areas 1.2 acres

Other factors or uses that would affect the quantity of water needed, such as peak flow requirements:

Is the project included in the existing General Plan? No. A General Plan Amendment will be proposed for residential development.

If no, describe the existing General Plan Designation Existing designation is Recreation.

The City acknowledges that IRWD's verification will be based on the information hereby provided to IRWD concerning the project. If it is necessary for corrected or additional information to be submitted to enable IRWD to complete the verification, the request will be considered incomplete until IRWD's receipt of the corrected or additional information. If the project changes or the tentative map approval expires after the issuance of a Water Supply Verification, the City will request a new Water Supply Verification if required. In the event of changes in the project, circumstances or conditions of the availability of new information, it will be necessary for the City to request a new Water Supply Assessment prior to completion of the new Water Supply Verification.

The City acknowledges that the Water Supply Verification shall not constitute a "will-serve" or in any way entitle the project applicant to service or to any right, priority or allocation in any supply, capacity or facility, and that the issuance of the Water Supply Verification shall not affect IRWD's obligation to provide service to its existing customers or any potential future customers including the project applicant. In order to receive service, the project applicant shall be required to file a completed Application(s) for Service and Agreement with the Irvine Ranch Water District on IRWD's forms, together with all fees and charges, plans and specifications, bonds and conveyance of necessary easements, and meet all other requirement as specified therein.

CITY OF IRVINE / COUNTY OF ORANGE

By: Erica S. Hong

REQUEST RECEIVED:

Date: 3-19-25

By: [Signature]
Irvine Ranch Water District

REQUEST COMPLETE:

Date: _____

By: _____
Irvine Ranch Water District

Exhibit "B"

Water Supply Assessment

April 14, 2025
Prepared by: T. Foo / M. Cortez
Submitted by: K. Burton
Approved by: Paul A. Cook *PA.C.*

CONSENT CALENDAR

PARK PLAZA RECYCLED WATER PIPELINE REPLACEMENT
CONSTRUCTION AWARD

SUMMARY:

The Park Plaza Recycled Water Pipeline Replacement project will install a new recycled water pipeline to replace an existing recycled pipeline that has experienced several breaks in the Park Plaza development. Staff recommends that the Board authorize the General Manager to execute a construction contract with T.E. Roberts, Inc. in the amount of \$837,634 for the Park Plaza Recycled Water Pipeline Replacement project.

BACKGROUND:

The Park Plaza development is owned by the Irvine Company and is bounded by Jamboree Road to the west, Main Street to the north, San Diego Creek to the east, and Interstate 405 to the south. IRWD owns and maintains recycled water distribution pipelines within the development that serve both irrigation and dual-plumbed building demands. The principal recycled water distribution pipeline is within the streets of Park Plaza and Coronado.

In the last few years, there have been several pipeline leaks on the 8-inch asbestos cement pipe (ACP) distribution main and 6-inch ACP lateral that were originally installed in 1987. Because of the major disruptions caused by the main breaks and subsequent repairs, and the possibility of future water damage to the buildings due to the proximity of the lateral pipeline to the buildings, the District determined the recycled water ACP within the plaza should be replaced and relocated further from the buildings. This project will replace approximately 1,000 feet of ACP with 8-inch polyvinyl chloride (PVC) piping, 4-inch and 6-inch laterals, and service connections. A location map is shown in Exhibit "A".

Construction Bid Process:

The project was advertised to a select list of 19 contractors on February 25, 2025. The bid opening occurred on March 25, 2025, with five bids received as summarized in the table below.

Bidder	Bid Amount
T.E. Roberts, Inc.	\$837,634.00
GCI Construction, Inc.	\$899,100.00
L&S Construction, Inc.	\$911,900.00
Paulus Engineering, Inc.	\$986,693.53
Ferreira Construction Co., Inc.	\$1,032,000.00
<i>Engineer's Estimate</i>	<i>\$950,000.00</i>

T.E. Roberts is the apparent low bidder with a bid of \$837,634 which is 12 percent lower than the engineer's estimate of \$950,000. Three bids were lower than the engineer's estimate, and the bid results are shown in Exhibit "B". T.E. Roberts has completed previous IRWD pipeline projects and is well qualified to construct this project.

FISCAL IMPACTS:

Park Plaza Recycled Water Pipeline Replacement, Project 13106, is included in the Fiscal Year 2025-26 Capital Budget. The existing budget and Expenditure Authorization are sufficient to fund the project's construction.

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) as authorized under California Code of Regulations Title 14, Division 6, Chapter 3, Article 19, Section 15302, which exempts the replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced including but not limited to replacement or reconstruction of existing utility systems and / or facilities involving negligible or no expansion of capacity.

COMMITTEE STATUS:

Construction Awards are not routinely taken to Committee prior to submittal to the Board.

RECOMMENDATION:

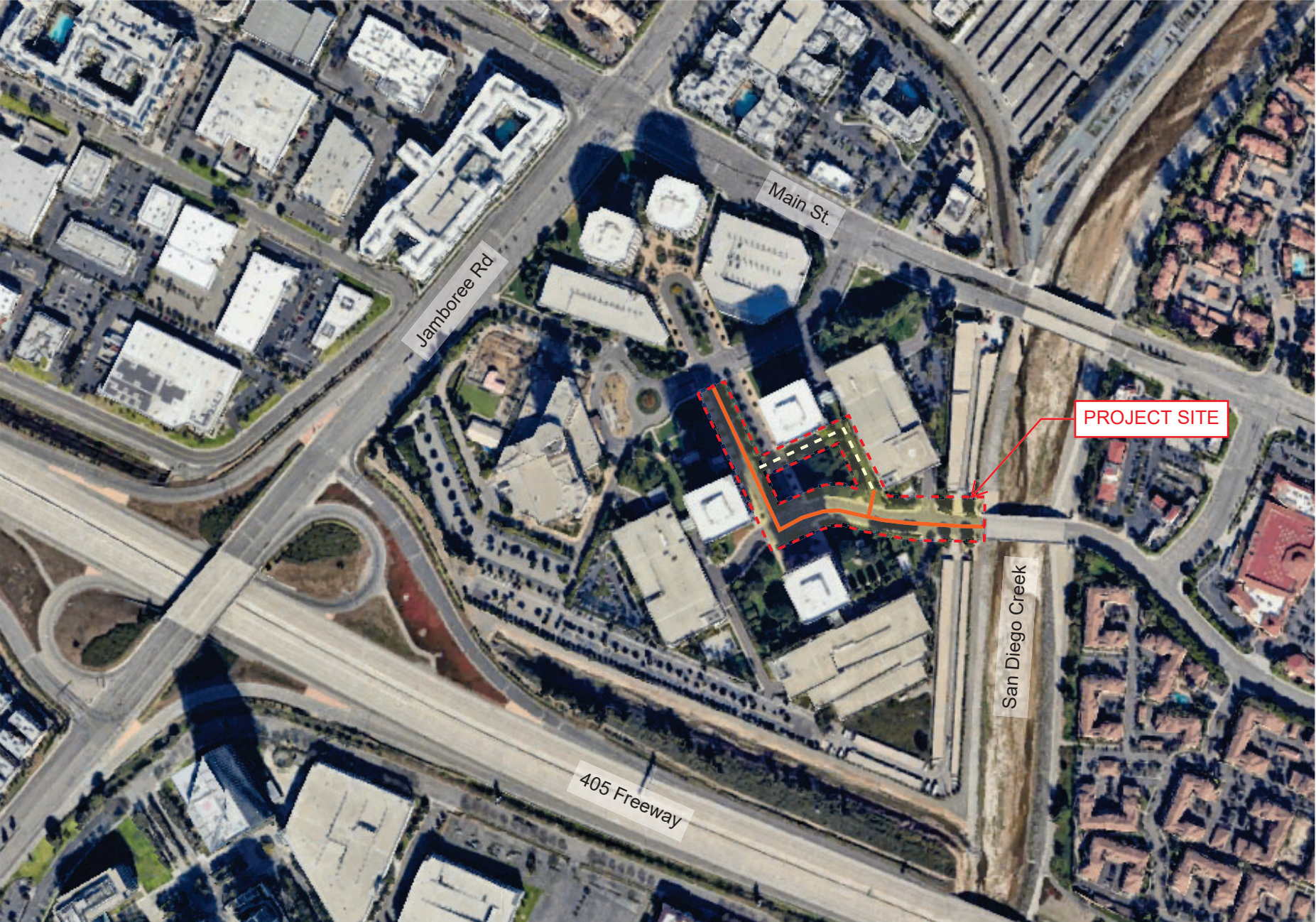
THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH T.E. ROBERTS, INC. IN THE AMOUNT OF \$837,634 FOR THE PARK PLAZA RECYCLED WATER PIPELINE REPLACEMENT, PROJECT 13106.

LIST OF EXHIBITS:

Exhibit "A" – Project Location Map
Exhibit "B" – Bid Results – T.E. Roberts, Inc.

Exhibit "A"

PARK PLAZA RECYCLED WATER PIPELINE REPLACEMENT
LOCATION MAP



Note: This page is intentionally left blank.

Exhibit "B"

Bid Results

Bidder Details

Vendor Name T. E. Roberts, Inc.
Address 17771 Mitchell North
Irvine, California 92614
United States
Respondee Will Hernandez
Respondee Title Estimator
Phone 714-669-0072
Email estimating@teroberts.com
Vendor Type CADIR
License # 603008
CADIR 1000000280

Bid Detail

Bid Format Electronic
Submitted 03/25/2025 12:55 PM (PDT)
Delivery Method
Bid Responsive
Bid Status Submitted
Confirmation # 420576

Respondee Comment

Buyer Comment

Attachments

File Title	File Name	File Type
TER Bid-IRWD-13106 Park Plaza Recycled Water Pipeline Repl.pdf	TER Bid-IRWD-13106 Park Plaza Recycled Water Pipeline Repl.pdf	Bid Form

Subcontractors

Showing 1 Subcontractor

Name & Address	Desc	License Num	CADIR	Amount	Type
ABC Resources 1527 W State Street Ontario, California 91762	Striping and Slurry Seal	538680	1000001608	\$30,652.00	CADIR

Line Items

Discount Terms No Discount

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
BASE BID ITEMS							\$769,714.00		
1			Mobilization, Demobilization and Cleanup	LS	1	\$145,625.00	\$145,625.00	Yes	
2			Trench Safety Measures	LS	1	\$27,843.00	\$27,843.00	Yes	
3			Traffic Control	LS	1	\$7,817.00	\$7,817.00	Yes	
4			Utility Potholing	LS	1	\$19,215.00	\$19,215.00	Yes	
5			Furnish and Install 4" AWWA C900 PVC DR-14 RW Pipe	LF	130	\$191.00	\$24,830.00	Yes	
6			Furnish and Install 6" AWWA C900 PVC DR-14 RW Pipe	LF	30	\$536.00	\$16,080.00	Yes	
7			Furnish and Install 8" AWWA C900 PVC DR-14 RW Pipe	LF	1000	\$228.00	\$228,000.00	Yes	
8			Furnish and Install 4" DI Gate Valve	EA	1	\$4,875.00	\$4,875.00	Yes	
9			Furnish and Install 6" DI Gate Valve	EA	1	\$5,181.00	\$5,181.00	Yes	
10			Furnish and Install 8" DI Gate Valve	EA	4	\$4,174.00	\$16,696.00	Yes	
11			Furnish and Install 2" Service Lateral	EA	5	\$7,529.00	\$37,645.00	Yes	
12			Connect to Existing 4" Meter Assembly	LS	1	\$8,621.00	\$8,621.00	Yes	
13			Furnish and Install 4" Flush-Out Assembly	EA	1	\$11,730.00	\$11,730.00	Yes	
14			Tie-In Connection at STA 10+00	LS	1	\$9,110.00	\$9,110.00	Yes	
15			Tie-In Connection at STA 14+58.32	LS	1	\$26,158.00	\$26,158.00	Yes	
16			Tie-In Connection at STA 19+95.67	LS	1	\$8,990.00	\$8,990.00	Yes	
17			Temporary Flush-out Assembly Installation/Removal	EA	4	\$4,875.00	\$19,500.00	Yes	
18			Remove and Dispose of Existing 4-inch flush out Assembly including valve, valve box and cover	LS	1	\$7,691.00	\$7,691.00	Yes	
19			Abandon-In-Place Approximately 800-LF of Existing 8" ACP Recycled Water Pipe, 515- LF of Existing 6" ACP service lateral, Isolation Valves and 2" Service Laterals	LS	1	\$19,804.00	\$19,804.00	Yes	
20			Removal and Replacement Asphalt Concrete Pavement per Irvine Company Requirements	TON	42	\$399.00	\$16,758.00	Yes	
21			Restore Pavement Striping	LS	1	\$17,500.00	\$17,500.00	Yes	
22			Asphalt Slurry Seal Pavement	SF	45000	\$1.00	\$45,000.00	Yes	
23			Remove and Replace in Kind Landscape and Irrigation System	LS	1	\$9,375.00	\$9,375.00	Yes	
24			Remove and Dispose of Approximately 200-LF Existing 8-inch ACP Recycled Water Pipe	LS	1	\$33,170.00	\$33,170.00	Yes	
25			Final Record Documents	LS	1	\$2,500.00	\$2,500.00	Yes	
ALTERNATIVE BID ITEMS							\$67,920.00		
26			Remove and Replace Curb & Gutter	LF	90	\$188.00	\$16,920.00	Yes	
27			Remove and Replace Sidewalk on Coronado	SF	350	\$124.00	\$43,400.00	Yes	
28			Remove and Replace Sidewalk on Park Plaza	SF	200	\$38.00	\$7,600.00	Yes	
ADDITIVE AND DEDUCTIVE BID ITEMS							\$0.00		
29			ADDITION (+) OR DEDUCTION (-)	LS	1	\$0.00	\$0.00	Yes	


Line Item Subtotals

Section Title	Line Total
BASE BID ITEMS	\$769,714.00
ALTERNATIVE BID ITEMS	\$67,920.00
ADDITIVE AND DEDUCTIVE BID ITEMS	\$0.00
Grand Total	\$837,634.00

April 14, 2025

Prepared by: B. Rios / E. Akiyoshi

Submitted by: K. Burton

Approved by: Paul A. Cook 

CONSENT CALENDAR

UTILITY AGREEMENT BETWEEN ORANGE COUNTY TRANSPORTATION AUTHORITY AND IRWD FOR THE INTERSTATE 5 FREEWAY DOMESTIC WATER PIPELINE RELOCATION

SUMMARY:

The Orange County Transportation Authority (OCTA) is proceeding as the lead agency in conjunction with the California Department of Transportation (Caltrans) with a project to improve Interstate 5 (I-5) between Interstate 405 (I-405) and State Route 55 (SR 55) with the addition of lanes within the cities of Irvine and Tustin. The proposed widening within segment 1 of the project will require the relocation of existing IRWD domestic water facilities located within Sand Canyon Avenue. Since IRWD domestic water facilities within Sand Canyon exist and are lawfully maintained in their present location they qualify for relocation at OCTA's expense under the Streets and Highway Code. Staff recommends that the Board authorize the General Manager to execute a Utility Agreement (UA) with OCTA for the I-5 Freeway domestic water pipeline relocation costs, subject to non-substantive changes.

BACKGROUND:

The OCTA, acting as the lead agency, is partnering with Caltrans District 12 on a project to widen the I-5 between the I-405 and SR 55. As a part of the project, an existing 12-inch diameter IRWD domestic water pipeline located within Sand Canyon Avenue will require relocation to make way for a new freeway foundation element. The existing IRWD domestic water pipeline, being lawfully maintained in its present location, qualifies for relocation at OCTA's expense under the provisions of Section (703) of the Streets and Highways Code. A vicinity map of the IRWD relocation project area is attached as Exhibit "A".

IRWD and OCTA staff have coordinated that the design and construction of the IRWD relocations will be provided by IRWD through direct contracts managed by IRWD, and that OCTA will reimburse IRWD for all associated costs. The Utility Agreement for the domestic water pipeline relocation has been reviewed and approved by IRWD's legal counsel and is attached as Exhibit "B". OCTA has issued a Notice to Owner for the required relocation, and it is provided as Exhibit "C". A construction estimate for the pipeline relocation work is provided as Exhibit "D".

FISCAL IMPACTS:

The Sand Canyon Domestic Water Pipeline Relocation, Project 13205, is included in the FY 2025-2027 Capital Budget and sufficient funds exist to cover the anticipated project cost.

ENVIRONMENTAL COMPLIANCE:

OCTA, in cooperation with Caltrans District 12, is the lead agency for CEQA compliance. The relocation of IRWD facilities was included as part of the Mitigated Negative Declaration for the Interstate 5 Improvement Project between I-405 and SR-55, SCH #2018051014, certified May 20, 2020.

COMMITTEE STATUS:

Due to timing issues, this item was not reviewed by a Committee.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A UTILITY AGREEMENT WITH THE ORANGE COUNTY TRANSPORTATION AUTHORITY FOR THE INTERSTATE 5 FREEWAY DOMESTIC WATER PIPELINE RELOCATION COSTS, SUBJECT TO NON-SUBSTANTIVE CHANGES.

LIST OF EXHIBITS:

- Exhibit "A" – Location Map
- Exhibit "B" – Utility Agreement No. W-6
- Exhibit "C" – Notice to Owner – I-5 Segment 1
- Exhibit "D" – Engineer's Construction Estimate

Exhibit "A"

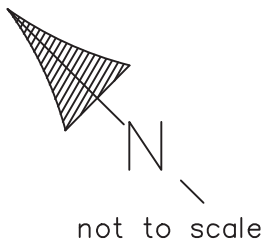
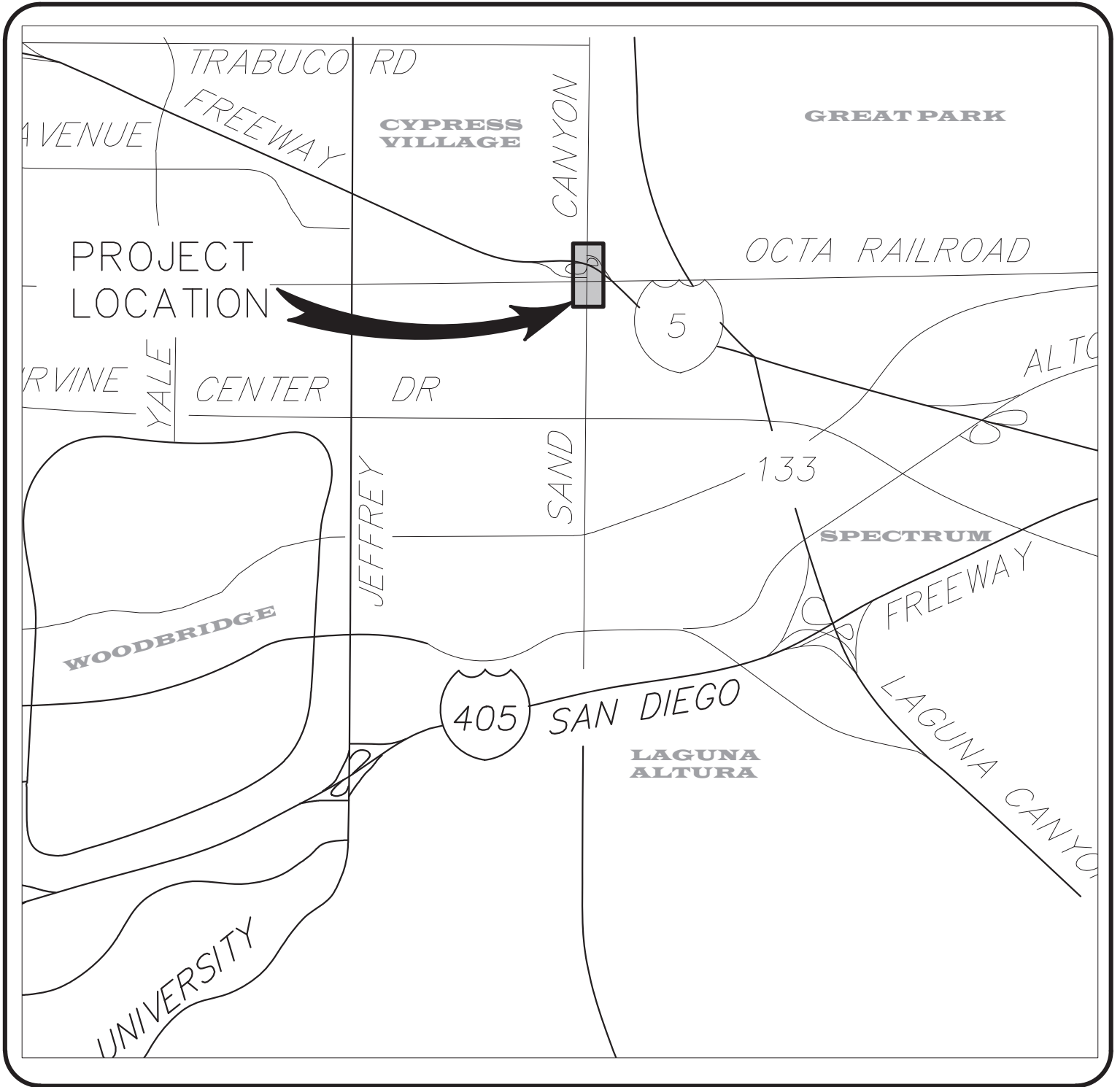


EXHIBIT "A"
LOCATION MAP

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**ORANGE COUNTY TRANSPORTATION AUTHORITY
UTILITY AGREEMENT
RW 13-05 (REV 03/2024)**

DISTRICT 12	COUNTY Orange	ROUTE I-5	POST MILE <u>21.3 / 25.8</u>	Project ID <u>1220000034</u>
FEDERAL AID NUMBER N / A			OWNER'S PLAN NUMBER 13205	
FEDERAL PARTICIPATION				
On the project <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			On the Utilities <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

UTILITY AGREEMENT NO. W-6

DATE

Pursuant to Cooperative Agreement Number C-0-2317 (Cooperative Agreement), the Orange County Transportation Authority (OCTA) is partnering with the California Department of Transportation (Caltrans) in a project that proposes to widen Interstate 5 (I-5). The project will also include improvements to the On-ramps and Off-ramps at interchanges within the I-5 Segment 1 project limits from the I-405 to Yale Avenue. Per the Cooperative Agreement, OCTA is the lead agency for Right of Way Acquisition and Utility Relocation. The I-5 Segment 1 Improvement Project proposes to reduce traffic congestion, improve mobility as well as traffic operations to the existing four-mile stretch of the I-5.

Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, CA 92618

Hereinafter referred to as "OWNER", owns and maintains

12" Asbestos Concrete Pipe (ACP) waterline

within the limits of OCTA's project which requires

relocation of the 12" ACP waterline

to accommodate OCTA's project.

It is hereby mutually agreed that:

I. WORK TO BE DONE

In accordance with Notice to Owner No. W-6 dated March 28, 2025, OWNER shall relocate the 12" ACP waterline and appurtenances. All work shall be performed substantially in accordance with OWNER's Plan No. 13205 dated March 10, 2025, consisting of 1 sheet, a copy of which is on file in the office of OCTA at 550 S Main Street, Orange, CA 92863-1584.

Deviations from the OWNER's plan described above initiated by either OCTA or the OWNER, shall be agreed upon by both parties hereto under a Revised Notice to Owner. Such Revised Notices to Owner, approved by OCTA and agreed to/acknowledged by the OWNER, will constitute an approved revision of the OWNER's plan described above and are hereby made a part hereof. No work under said deviation shall commence prior to written execution by the OWNER of the Revised Notice to Owner. Changes in the scope of the work will require an amendment to this Agreement in addition to the revised Notice to Owner.

II. LIABILITY FOR WORK

The existing facilities are lawfully maintained in their present location and qualify for relocation at OCTA expense under the provisions of Section 703 of the Streets and Highways Code.

ADA Notice For individuals with sensory disabilities, this document is available in alternate formats. For alternate format information, contact the Forms Management Unit at (916) 445-1233, TTY 711, or write to Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

III. PERFORMANCE OF WORK

OWNER agrees to perform the herein-described work with its own forces or to cause the herein described work to be performed by the OWNER's contractor, employed by written contract on a continuing basis to perform work of this type, and to provide and furnish all necessary labor, materials, tools, and equipment required therefore, and to prosecute said work diligently to completion.

OWNER agrees to cause the herein described work to be performed by a contract with the lowest qualified bidder, selected pursuant to a valid competitive bidding procedure, and to furnish or cause to be furnished all necessary labor, materials, tools, and equipment required therefore, and to prosecute said work diligently to completion.

Use of personnel requiring lodging and meal 'per diem' expenses shall not exceed the per diem expense amounts allowed under the California Department of Human Resources travel expense guidelines. Accounting Form FA 1301 is to be completed and submitted for all non-State personnel travel per diem. OWNER shall also include an explanation why local employee or contract labor is not considered adequate for the relocation work proposed.

Work performed by OWNER's contractor is a public work under the definition of Labor Code Section 1720(a) and is therefore subject to prevailing wage requirements.

Work performed directly by Owner's employees falls within the exception of Labor Code Section 1720(a)(1) and does not constitute a public work under Section 1720(a)(2) and is not subject to prevailing wages. OWNER shall verify compliance with this requirement in the administration of its contracts referenced above.

IV. PAYMENT FOR WORK

OCTA shall pay its share of the actual and necessary cost of the herein described work within 45 days after receipt of OWNER's itemized bill, signed by a responsible official of OWNER's organization and prepared on OWNER's letterhead, compiled on the basis of the actual and necessary cost and expense incurred and charged or allocated to said work in accordance with the uniform system of accounts prescribed for OWNER by the California Public Utilities Commission (PUC), Federal Energy Regulatory Commission (FERC) or Federal Communications Commission (FCC), whichever is applicable.

It is understood and agreed that OCTA will not pay for any betterment or increase in capacity of OWNER's facilities in the new location and that OWNER shall give credit to OCTA for the accrued depreciation of the replaced facilities and for the salvage value of any material or parts salvaged and retained or sold by OWNER.

Not more frequently than once a month, but at least quarterly, OWNER will prepare and submit detailed itemized progress bills for costs incurred not to exceed OWNER's recorded costs as of the billing date less estimated credits applicable to completed work. Payment of progress bills not to exceed the amount of this Agreement may be made under the terms of this Agreement. Payment of progress bills which exceed the amount of this Agreement may be made after receipt and approval by OCTA of documentation supporting the cost increase **and** after an Amendment to this Agreement has been executed by the parties to this Agreement.

The OWNER shall submit a final bill to OCTA within 360 days after the completion of the work described in Section I above. If OCTA has not received a final bill within 360 days after notification of completion of OWNER's work described in Section I of this Agreement, and OCTA has delivered to OWNER fully executed Director's Deeds, Consents to Common Use or Joint Use Agreements, for OWNER's facilities (if required), OCTA will provide written notification to OWNER of its intent to close its file within 30 days.

OWNER hereby acknowledges, to the extent allowed by law, that all remaining costs will be deemed to have been abandoned. If OCTA processes a final bill for payment more than 360 days after notification of completion of OWNER's work, payment of the late bill may be subject to allocation and/or approval by the OCTA Board of Directors.

The final billing shall be in the form of a detailed itemized statement of the total costs charged to the project, less the credits provided for in this Agreement, and less any amounts covered by progress billings. However, OCTA shall not pay final bills which exceed the estimated cost of this Agreement without documentation of the reason for the increase of said cost from the OWNER and approval of documentation by OCTA. Except, if the final bill exceeds the OWNER's estimated costs solely as the result of a Revised Notice to Owner as provided for in Section I, a copy of said Revised Notice to Owner shall suffice as documentation. In either case, payment of the amount over the estimated cost of this Agreement may be subject to allocation and/or approval by the OCTA Board of Directors.

In any event if the final bill exceeds 125% of the estimated cost of this Agreement, an Amended Agreement shall be executed by the parties to this Agreement prior to the payment of the OWNER'S final bill. Any and all increases in costs that are the direct result of deviations from the work described in Section I of this Agreement shall have the prior concurrence of OCTA.

Detailed records from which the billing is compiled shall be retained by the OWNER for a period of three years from the date of the final payment and will be available for audit by State and/or Federal auditors. In performing work under this Agreement, OWNER agrees to comply with the Uniform System of Accounts for Public Utilities found at 18 CFR, Parts 101, 201, et al., to the extent they are applicable to OWNER doing work on the project that is the subject of this Agreement, the contract cost principles and procedures as set forth in 48 CFR, Chapter 1, Subpart E, Part 31, et seq., 23 CFR, Chapter 1, Part 645 and 2 CFR, Part 200, et al. If a subsequent OCTA and/or Federal audit determines payments to be unallowable, OWNER agrees to reimburse AGENCY upon receipt of AGENCY billing. If OWNER is subject to repayment due to failure by OCTA to comply with applicable laws, regulations, and ordinances, then OCTA will ensure that OWNER is compensated for actual cost in performing work under this agreement.

V. GENERAL CONDITIONS

All costs accrued by OWNER as a result of OCTA's request of August 23, 2023, to review, study and/or prepare relocation plans and estimates for the project associated with this Agreement may be billed pursuant to the terms and conditions of this Agreement.

If OCTA's project which precipitated this Agreement is canceled or modified so as to eliminate the necessity of work by OWNER, OCTA will notify OWNER in writing, and OCTA reserves the right to terminate this Agreement by Amendment. The Amendment shall provide mutually acceptable terms and conditions for terminating the Agreement.

All obligations of OCTA under the terms of this Agreement are subject to the acceptance of the Agreement by OCTA Board of Directors or the Delegated Authority (as applicable), the passage of the annual Budget Act by the State Legislature, and the allocation of those funds by the California Transportation Commission.

OWNER shall submit a Notice of Completion to OCTA within 30 days of the completion of the work described herein.

It is understood that said highway is a Federal aid highway and accordingly, 23 CFR, Chapter 1, Part 645 is hereby incorporated into this Agreement.

In addition, the provisions of 23 CFR 635.410, Buy America, are also incorporated into this agreement. The Buy America requirements are further specified in Moving Ahead for Progress in the 21st Century (MAP-21), section 1518; 23 CFR 635.410 requires that all manufacturing processes have occurred in the United States for steel and iron products (including the application of coatings) installed on a project receiving funding from the FHWA.

OWNER understands and acknowledges that this project is subject to the requirements of the Buy America (BA) law (23 U.S.C., Section 313) and applicable regulations, including 23 CFR 635.410 and FHWA guidance. OWNER hereby certifies that in the performance of this Agreement, for products where BA requirements apply, it shall use only such products for which it has received a certification from its supplier, or provider of construction services that procures the product certifying BA compliance. This does not include products for which waivers have been granted under 23 CFR 635.410 or other applicable provisions or excluded material cited in the Department's guidelines for the implementation of BA requirements for utility relocations issued on December 3, 2013.

OCTA further acknowledges that OWNER, in complying with the Buy America Rule, is expressly relying upon the instructions and guidance (collectively, "Guidance") issued by Caltrans and its representatives concerning the Buy America Rule requirements for utility relocations within the State of California. Notwithstanding any provision herein to the contrary, OWNER shall not be deemed in breach of this Agreement for any violations of the Buy America Rule if OWNER's actions are in compliance with the Guidance.

AB 262 – Buy Clean California Act of 2017 requires as of January 1, 2019, that the Department of General Services (DGS) is to publish in the State Contracting Manual (SCM) a maximum acceptable level of global warming potential (GWP) for each category of required materials. The categories of eligible materials are, carbon steel rebar, flat glass, mineral wool board insulation and structural steel. A statement of Environmental Product Declaration (EPD) is required prior to beginning of relocation work, to the extent required by law.

THE ESTIMATED COST TO OCTA FOR THE ABOVE-DESCRIBED WORK IS **\$381,100.00**

Signatures on Following Page

UTILITY AGREEMENT NO. W-6

IN WITNESS WHEREOF, the above parties have executed this Agreement the day and year above written.

Owner:
Irvine Ranch Water District

**ORANGE COUNTY TRANSPORTATION
AUTHORITY,
a public entity**

APPROVED

APPROVED

By: _____

By: _____

James G. Beil, P.E.
Executive Director, Capital Programs

Date: _____

Date: _____

APPROVED AS TO FORM:

By: _____

James M. Donich
General Counsel

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OCTA Orange County Transportation Authority

NOTICE TO OWNER

District	County	Route	Post Mile	Project ID	E.A.
12	ORANGE	I-5	21.3 / 25.8	1220000034	12-0K671
FEDERAL AID NUMBER N / A					
OWNERS FILE 13205					
DATE 03/28/2025		FREEWAY <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Number W-6

To: Irvine Ranch Water District
15600 Sand Canyon Ave
Irvine, CA 92618

Because of the State Freeway construction project: proposing to widen Interstate 5 (I-5). The project will also include improvements to the On-ramps and Off-ramps at interchanges within the I-5 Segment 1 project limits from the I-405 to Yale Avenue.

Which affects your facilities: existing 12" ACP waterline as shown on the attached approved plan number 13205.

You are hereby ordered to: relocate your above-mentioned existing 12" ACP waterline per approved plan number 13205, dated March 10, 2025.

Your work schedule shall be as follows: relocate your facilities after April 1, 2025, and prior to July 13, 2026.

Notify: Utility Coordinator Sanya Sobot at (714) 560.5965, 72 hours prior to initial start of work, and 24 hours prior to subsequent restart when your work schedule is interrupted.

Liability for the cost of the work is: 100% OCTA expense pursuant to Section 703 of the Streets and Highways Code.

Orange County Transportation Authority

Darrell Johnson
Chief Executive Officer

Jim Beil
Executive Director of Capital Programs

By:



Joe C. Gallardo
Manager, Real Property Department

EPIC Utility Consultant 
OCTA Utility Coordinator 

Distribution: 1) Owner, 2) OCTA – File

CONSTRUCTION NOTES

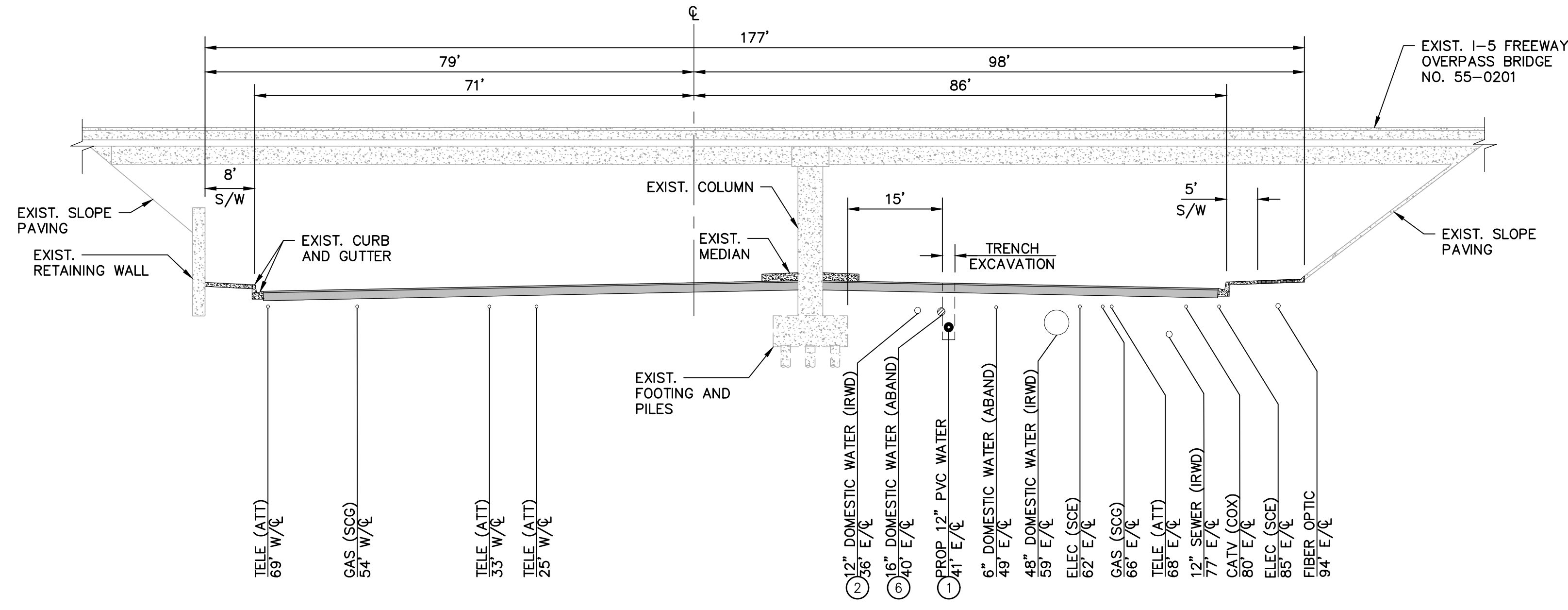
- ① CONSTRUCT 12" PVC PIPE PER IRWD STANDARD DRAWING W-17.
- ② ABANDON EXISTING WATER MAIN IN PLACE.
- ③ CUT AND PLUG EXISTING WATER MAIN. REMOVE INTERFERING PORTIONS OF PIPE.
- ④ CONSTRUCT 12" DI ELBOW (DEFLECTION AS SHOWN) WITH THRUST BLOCK PER IRWD STANDARD DRAWING W-16.
- ⑤ CONSTRUCT DI RESTRAINED COUPLING. DEFLECTION OF COUPLING PER PLAN, DEFLECTION TO BE EVENLY DISTRIBUTED ON EACH END OF THE COUPLING.
- ⑥ REMOVE INTERFERING PORTIONS OF ABANDONED PIPE AS NEEDED.

IRWD PLAN NO. 13205

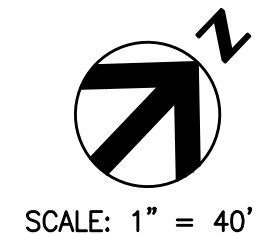
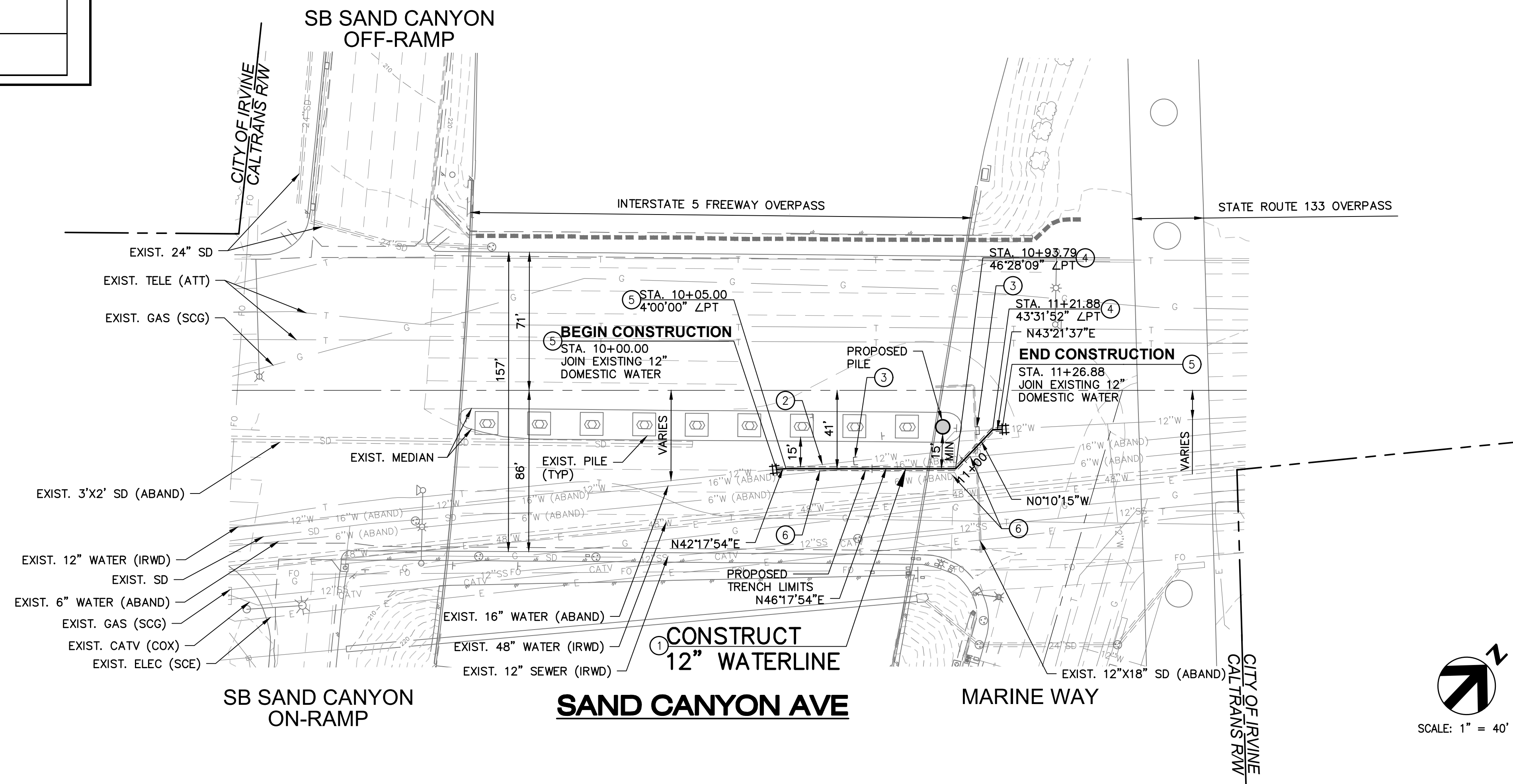
THIS PLAN APPROVED AS TO LOCATION AND TYPE OF SUBSTRUCTURES

CONFLICT ID: W-6
 OWNER: IRVINE RANCH WATER DISTRICT
 CONTACT: BELESARIO RIOS
 ADDRESS: 15600 SAND CANYON AVE, IRVINE, CA 92618
 PHONE: (949) 453-5394

REV No.	RVW ORG	REVIEWER SIGNATURE	DATE
	AECOM	<i>Juan Tavassoli</i>	03/10/2025

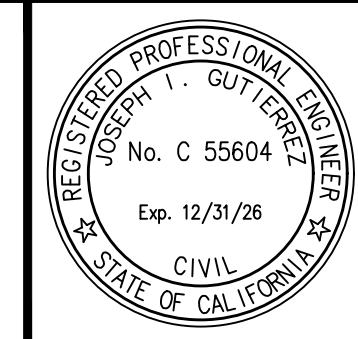


STA. 10+50 AT SAND CANYON AVE
 LOOKING NORTH (NTS)



NO.	DATE	REVISIONS	APPROVED

JIG CONSULTANTS
 318 W KATELLA AVE, SUITE A
 ORANGE, CA 92867
 (714) 978-4407
 www.jigconsultants.com



JOSEPH GUTIERREZ	JIG PROJECT MANAGER	3/6/2025
ABIGAIL KUJAN	IRWD PROJECT ENGINEER	3/6/2025
BELISARIO RIOS	IRWD ENGINEERING MANAGER	3/6/2025



RELOCATION OF 12-INCH DOMESTIC WATER PIPELINE AT I-5 AND SAND CANYON AVE

12-INCH DOMESTIC WATER PIPELINE RELOCATION PLAN

SHEET C-1 OF SHEETS

RELOCATION OF 12-INCH DOMESTIC WATER PIPELINE AT I-5 AND SAND CANYON AVE
 MAR 2025

Exhibit "D"

30% Milestone		Probable Cost Opinion		
		<i>Relocation of 12" Domestic Water Pipeline at I-5 and Sand Canyon Avenue</i>		
		<i>Irvine Ranch Water District</i>		
ENR: 18780		Los Angeles Construction Cost	Jun-25	
Section	Size	Description	Unit Cost	Quantity

00 00 00		PROCUREMENT AND CONTRACTING REQUIREMENTS			
00 89 01		Permits	0.89%	1 LS	\$2,100
01 00 00		GENERAL REQUIREMENTS			
01 10 03		Coordination	0.50%	1 LS	\$1,200
01 31 19		Project Meetings	0.20%	1 LS	\$500
01 32 00		Construction Progress Documentation	0.20%	1 LS	\$500
01 32 23		Construction Survey Staking	0.50%	1 LS	\$1,200
01 32 33		Construction Photographic and Video Documentation	\$1,000	1 LS	\$1,000
01 33 00		Submittal Procedures	0.50%	1 LS	\$1,200
01 71 13		Mobilization	2.78%	1 LS	\$6,600
01 55 26		Traffic Control for Construction Work Areas		1 LS	\$40,000
01 57 23		Temporary Storm Water Pollution Control	1.72%	1 LS	\$4,100
01 61 00		Common Product Requirements	0.10%	1 LS	\$200
01 65 00		Project Delivery Requirements	0.10%	1 LS	\$200
01 66 00		Project Storage and Handling Requirements	0.10%	1 LS	\$200
01 74 00		Cleaning and Waste Management	0.63%	1 LS	\$1,500
01 77 00		Closeout Procedures	1.99%	1 LS	\$4,700
01 78 36		Product Warranties	0.42%	1 LS	\$1,000
01 78 39		Project Record Documents	0.17%	1 LS	\$400
02 00 00		EXISTING CONDITIONS			
02 41 14		Paving Removal and Resurfacing			
02 41 14		Sawcut Existing AC Pavement	\$3.90	300 LF	\$1,170
02 41 14		Remove Bituminous Pavement and Aggregate Base	\$57.80	30 CY	\$1,734
02 41 15		Utility Line Removal and Abandonment			
02 41 15	12 in	Pipe Removal	\$91	30 LF	\$2,730
02 41 15	16 in	Remove Sections of Abandoned Waterline	\$121	100 LF	\$12,100
02 41 15	6 in	Remove Sections of Abandoned Waterline	\$45	100 LF	\$4,500
02 41 15		Cut and Plug Existing Waterline	\$4,210	1 ea	\$4,210
31 00 00		EARTHWORK			
31 05 50		Protecting Existing Utilities	1.11%	1 LS	\$2,600
31 20 00		EARTH MOVING			
31 23 33		Trenching and Backfilling			
31 23 33		Trench and Excavation Safety	2.54%	1 LS	\$6,100
31 23 33	6 ft	Trenching and Backfilling	\$6.80	200 LF	\$1,360
32 10 00		BASES, BALLASTS, AND PAVING			
32 11 00		Base Courses			
32 11 00	6 in	Class 2 Aggregate Base	\$3.06	750 SF	\$2,295
32 12 00		FLEXIBLE PAVING			
32 12 16		Asphalt Paving Systems			
32 12 16	5 in	Asphalt Concrete Paving	\$5.17	750 SF	\$3,878
32 12 16		Asphalt Concrete Cold Mill	\$1.32	11200 SF	\$14,784
32 12 22		Asphalt Rubber Hot Mix Paving (ARHM)			
32 12 22		Asphalt Rubberized Hot Mix (ARHM) Overlay	\$221	135 tons	\$29,835
33 05 00		COMMON WORK RESULTS FOR UTILITIES			
33 05 31		Pipeline Joint Materials			
33 05 31	12 in	Connection to Existing Water Line	\$17,000	2 ea	\$34,000
33 05 33		Couplings, Tie-Rods, Flange Connectors, and Unions			
33 05 33	12 in	Flexible Coupling (Restrained)	\$1,490	2 ea	\$2,980
33 08 00		COMMISSIONING OF UTILITIES			
33 08 11		Pressure Testing and Flushing of Water Utilities			
33 08 11		Pressure Testing of Pipelines	\$6,150	1 ea	\$6,150
33 11 00		WATER UTILITY PIPING			
33 11 31		PVC Pressure Pipe C900			
33 11 31	12 in	C900 PVC Water Pipe - DR 14	\$236	150 LF	\$35,400
33 13 00		DISINFECTION OF WATER UTILITY DISTRIBUTION			
33 13 00		Disinfecting of Water Utility Distribution	\$6,150	1 ea	\$6,150

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST	\$238,576
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Contingency (All Other Work)	35%	\$83,502
Multiplier for Project Size	25%	\$59,644

ENGINEER'S OPINION OF PROBABLE TOTAL COST	\$381,722
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These figures have been prepared, at the request of a client, before finalizing Contract Documents. Figures are only an opinion and are provided solely as a guide. Estimator is not responsible for fluctuation in cost of material, labor or components or unforeseen contingencies.

Job #: IRV0271

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April 14, 2025

Prepared by: Lance Kaneshiro

Submitted by: Neveen Adly

Approved by: Paul A. Cook *ACA*

ACTION CALENDAR

MAXIMO UPGRADE PROJECT

SUMMARY:

The IBM Maximo system is used for IRWD's critical enterprise asset management functions by Maintenance Operations, Fleet, Facilities, Automation, and other departments. The proposed project will upgrade the current Maximo system to the Maximo Application Suite (MAS), which provides greater benefits that support the District's operational and technical goals.

For the Maximo Upgrade project implementation and hosting services, staff recommends that the Board authorize the General Manager to execute a Professional Services Agreement with Total Resource Management (TRM) in the amount of \$825,000 and a term of three years. For the Maximo software subscription fees, staff recommends that the Board authorize the General Manager to execute a contract with International Business Machines (IBM) in the amount of \$715,000 and a term of three years.

BACKGROUND:

Maximo is IRWD's enterprise asset management system. It was implemented in 2017 and since then has become an essential enterprise system for the District. Today, more than 565,000 District assets are in Maximo. It is integrated with other District applications, including Oracle e-Business Suite, EZMaxMobile, ActiveG, GIS, Fuelmaster, and Rules Manager. All District employees have limited Maximo access to submit service requests, and 280 employees have full Maximo access to create work orders for Maintenance Operations, Fleet, Facilities, Automation, and other departments. Approximately 15,000 work orders are processed per year. In addition to work order transactions, Maximo data are used in management dashboards and reports to support decision making and optimize operations.

The proposed Maximo Upgrade project will upgrade the District's current Maximo version 7.6.1.2 to the Maximo Application Suite 9 (MAS 9), which is the latest version. MAS 9 provides new features that support the District's operational and technical goals. Operational benefits include greater capabilities for predictive maintenance, reliability, complete cost management, field worker mobility, reporting, and artificial intelligence (AI). Technical benefits include cloud technology, resilience, enhanced integrations with other District systems, and vendor support cycle compliance.

The project will be implemented in three phases:

Phase 1: Maximo Base Upgrade

- Application upgrade from Maximo 7.6.1.2 to MAS 9
- Database migration from Oracle to DB2 (an IBM database system)
- Infrastructure migration from on-premises to cloud
- Reconnect system integrations
- Completion: November 2025

Phase 2: Reliability and AI Discovery

- Predictive Maintenance workshop
- Reliability Centered Maintenance workshop
- Watsonx AI workshop
- Completion: December 2025

Phase 3: Reliability and AI Pilot

- Reliability and AI Pilot implementation
- Completion: February 2026

In February 2025, a Request for Proposals (RFP) was publicly posted for qualified firms to propose Maximo Upgrade project services. Four firms submitted proposals. Based on the RFP's scoring criteria of 50% for qualifications and experience and 50% for technical approach, the Evaluation Team selected TRM. TRM was also the lowest cost of the four proposals. The software subscription purchase will be sole sourced to IBM because it is the only provider of its proprietary Maximo software.

For the Maximo Upgrade project, the cost is \$825,000 over a three-year term, of which \$488,000 is for implementation services and \$337,000 is for managed services and hosting. For the software subscription fees, the cost is \$715,000 for a three-year term, of which \$227,000 will be paid in FY2025, \$238,000 in FY2026, and \$250,000 in FY2027. The software subscription fee is an ongoing expense and will replace the previous annual software maintenance fee for the current Maximo software.

Staff's draft presentation regarding IRWD's current and future use of Maximo, along with the upgrade project costs and schedule, is provided as Exhibit "A."

FISCAL IMPACTS:

The Maximo Upgrade project cost is included in the Capital Budget and will be funded by equally dividing the cost among Project 13277 (Improvement District 1100 – Replacement Fund), Project 13278 (Improvement District 2100 – Replacement Fund), and Project 13279 (Improvement District 2100 – Replacement Fund).

The ongoing Maximo software subscription fee is included in the Information Technology Operating Budget, Department 250, Account 585008.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3, Section 15378.

COMMITTEE STATUS:

This item was not reviewed by a Committee.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH TOTAL RESOURCE MANAGEMENT IN THE AMOUNT OF \$825,000 AND A TERM OF THREE YEARS FOR THE MAXIMO UPGRADE PROJECT AND THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONTRACT WITH INTERNATIONAL BUSINESS MACHINES IN THE AMOUNT OF \$715,000 AND A TERM OF THREE YEARS FOR THE MAXIMO SOFTWARE SUBSCRIPTION FEES.

LIST OF EXHIBITS:

Exhibit "A" – Draft Presentation

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DRAFT




MAXIMO UPGRADE PROJECT

APRIL 14, 2025

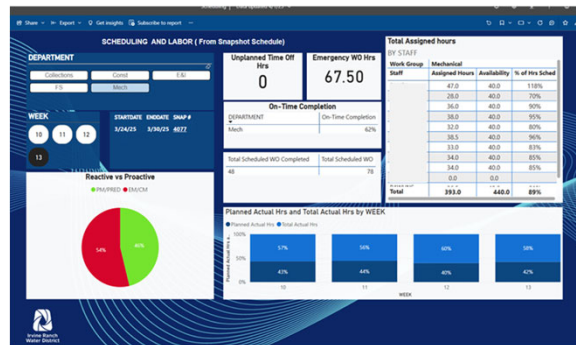
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1

MAXIMO BACKGROUND

IBM Maximo is used for IRWD's critical enterprise asset management functions

- Maximo at IRWD
 - Implemented in 2017
 - 565,000 assets in the system
 - 15,000 work orders per year
 - All IRWD employees have access to submit service requests
 - 280 employees in Maintenance Operations, Fleet, Facilities and Automation can create work orders
- Integrations with other IRWD systems
 - Oracle e-Business Suite
 - EZMaxMobile
 - ActiveG
 - GIS
 - Fuelmaster
 - Rules Manager



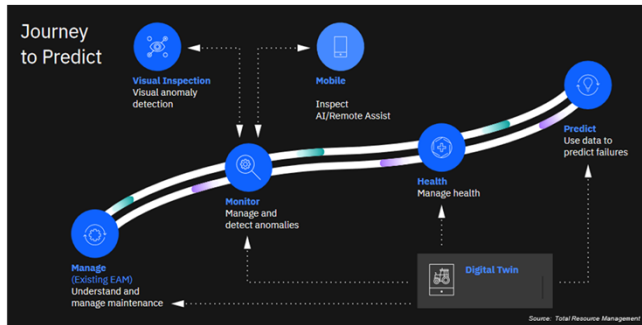
Maximo data used in various dashboards and reports to support decision making and optimize operations

2

2

UPGRADE TO MAXIMO APPLICATION SUITE 9

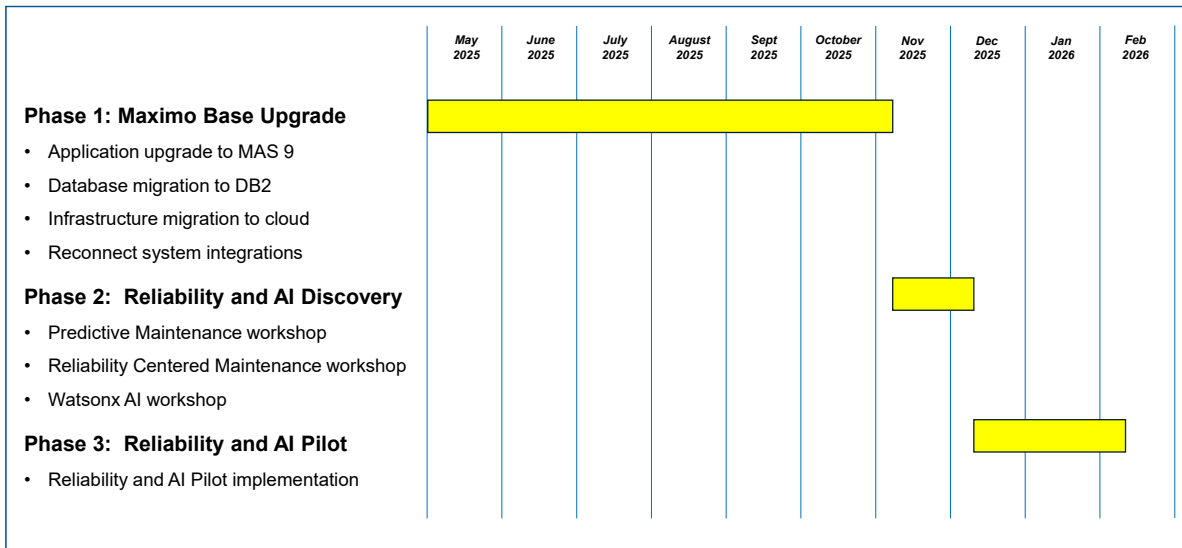
- The proposed project is to upgrade the existing Maximo system to the Maximo Application Suite 9 (MAS 9)
- MAS 9 has new features that support IRWD's Operational and Technical goals
 - Maintenance Operations:
 - Predictive Maintenance and Reliability
 - Complete Cost Management
 - Field Worker Mobility
 - Artificial Intelligence
 - Technical:
 - Cloud Technology
 - Resilience
 - Enhanced Integrations
 - Vendor Support Cycle



3

3

IMPLEMENTATION SCHEDULE



4

4

VENDOR SELECTION AND COST

- A competitive RFP process was used to select Total Resource Management (TRM) as the Maximo Upgrade vendor
 - RFP was publicly posted on PlanetBids in February 2025
 - TRM scored the highest of four proposals and was the lowest cost
 - The Maximo Upgrade cost is \$825,000
 - \$488,000 for implementation services, \$337,000 for three years of managed services and hosting
 - This project is budgeted in the Capital Budget
- The software subscription purchase will be sole sourced to IBM because it is the only provider of its proprietary Maximo software
 - Maximo software subscription fee is \$715,000 for three years
 - \$227,000 in FY25, \$238,000 in FY26, and \$250,000 in FY27
 - The on-going software subscription is budgeted in the Information Technology Operating Budget



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RECOMMENDATION

That the Board authorize the General Manager to execute a Professional Services Agreement with Total Resource Management in the amount of \$825,000 and a three-year term for the Maximo Upgrade Project.

That the Board authorize the General Manager to execute a contract with International Business Machines in the amount of \$715,000 and a three-year term for the Maximo software subscription fees.



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April 14, 2025

Prepared by: C. Smithson

Submitted by: N. Adly

Approved by: Paul A. Cook 

ACTION CALENDAR

IRWD COST OF SERVICE STUDY

SUMMARY:

IRWD staff and legal counsel, with the assistance of consultant Raftelis, Inc., have developed the District's Cost of Service Study. This Study is in final draft form (substantively complete), with staff and legal counsel having provided feedback on the document. The final draft version of the Study, provided as Exhibit "A," will be discussed with the Board at this meeting.

BACKGROUND:

The purpose of the Study is to evaluate the District's rate-setting processes and consider rate structure design components. The objectives of the District's rate structure are as follows:

- Provide water, sewer, and recycled service at rates that are fair and equitable;
- Charge rates that are consistent with industry accepted cost of service principles that satisfy future revenue requirements and meet all state law requirements (including Proposition 218); and
- Provide these services while fairly and equitably allocating costs appropriately to those customers benefiting from them.

The District retained Raftelis, Inc. to develop the Study because they are familiar with the District's rate setting practice from participating in a detailed rate setting analysis several years ago. The Study is the supporting document for IRWD's rates and charges. As such, it will be posted on the District's website when the Prop 218 rate notices are mailed to IRWD's customers.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

RECEIVE AND FILE.

LIST OF EXHIBITS:

Exhibit "A" – Cost of Service Study (final draft version)

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Exhibit "A"

IRVINE RANCH WATER DISTRICT

**FY 2026 and FY 2027 Cost of Service and
Rate Study Update**

FINAL Report / April 15, 2025

FINAL DRAFT VERSION





April 15, 2025

Mr. Christopher Smithson
Director of Financial Planning and Data Analytics
15600 Sand Canyon Avenue
Irvine, CA 92618

Subject: FY 2026 and FY 2027 Cost of Service and Rate Study Update

Dear Mr. Smithson,

Raftelis is pleased to provide this FY 2026 and FY 2027 Cost of Service and Rate Study Update report for the Irvine Ranch Water District (District). The objective of the study was to assess if the District's proposed FY 2026 and FY 2027 water, sewer, and recycled water rates were developed in a fair and equitable manner that is compliant with the intent and requirements of California Proposition 218. The assessment consisted of completing a comprehensive review and analysis of:

- The allocations used in the District's cost-of-service model to develop the estimated FY 2026 and FY 2027 revenue requirement for each water, sewer, and recycled water customer type.
- The cost and customer demand inputs used by the District to determine your proposed FY 2026 and FY 2027 water, sewer, and recycled water rates.
- Proposed changes to the calculation of the District's rates for sewer customers who receive collection-only service.

This report summarizes the key findings and recommendations developed as an outcome of the Study. It has been a pleasure working with you and other members of the District's staff. Thank you for your support provided during preparing this study.

Sincerely,
RAFTELIS.

John Wright
Senior Manager

Summer Simpson
Associate Consultant

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1. Executive Summary

1.1. Study Objectives

In January 2025, the Irvine Ranch Water District (District or IRWD) retained the services of Raftelis to conduct an FY 2026 and FY 2027 Cost of Service and Rate Study Update. The objective of the Study was to assess if the District's proposed FY 2026 and FY 2027 water, sewer, and recycled water rates were developed in a fair and equitable manner that complies with Article XIII D, Section 6 of the California Constitution, which was enacted in 1996 by passage of Proposition 218. The Study, which was conducted during the period January 2025 – March 2025, consisted of a comprehensive review and analysis of:

- The allocations used in the District's cost-of-service model to develop the estimated FY 2026 and FY 2027 revenue requirement for each water, sewer, and recycled water customer class/type.
- The cost and customer demand inputs used by the District to determine proposed FY 2026 and FY 2027 water, sewer, and recycled water rates.
- Proposed changes to the calculation of the District's rates for sewer customers who receive collection-only service (i.e. no treatment provided by IRWD).

1.2. Study Methodology

The following four-stage process was used to complete the Study objectives.

- Stage 1: Understanding/analysis of the District's current approach to developing proposed water, sewer, and recycled water rates.
- Stage 2: Identification and analysis of District's proposed changes to its current cost allocation and/or rate design methodologies. The only change proposed by the District was the method used to calculate sewer rates receiving collection-only service.
- Stage 3: Testing of customer bill impacts.
- Stage 4: Presentation of finding and recommendations.

1.3. Requirements of Proposition 218

Proposition 218, reflected in the California Constitution as Article XIII D, was enacted in 1996 to ensure that rates and fees are reasonable and proportional to the cost of providing service. The principal requirements for fairness of the fees, as they relate to public water service, are as follows:

- A property-related charge (such as water rates) imposed by a public agency on a parcel shall not exceed the costs required to provide the property-related service.
- Revenues derived by the charge shall not be used for any purpose other than that for which the charge was imposed.
- The amount of the charge imposed upon any parcel shall not exceed the proportional cost of service attributable to the parcel.
- No charge may be imposed for a service unless that service is actually used or immediately available to the owner of property.

- No charge may be imposed for general governmental services including police, fire, and ambulance protection services, or library services, where the service is available to the public at large in substantially the same manner as it is to property owners.
- A written notice of the proposed charge shall be mailed to the record owner of each parcel at least 45 days prior to the public hearing, when the agency considers all written protests against the charge.

As stated in the American Water Works Association (AWWA) publication, *Manual of Water Supply Practices M1, Principles of Water Rates, Fees, and Charges 7th edition* (M1 Manual), “water rates and charges should be recovered from classes of customers in proportion to the cost of serving those customers.” This Study applies certain rate-setting methodologies set forth in M1 Manual to the extent they are fully consistent with Proposition 218 by allocating the District’s proportionate cost of providing water, sewer, and recycled water service.

1.4. District Compliance with Proposition 218

The Study applies a technical analysis to the District’s costs and customers and finds that the District’s proposed FY 2026 and FY 2027 water, sewer, and recycled water rates comply with Proposition 218’s substantive principles and limitations. Proposition 218 does not prescribe exactly how to allocate costs among customers. Ultimately, a determination of whether utility rates comply with Proposition 218 can only be made by a court of competent jurisdiction. Raftelis is not a law firm and offers no legal opinion on District compliance with Proposition 218.

1.5. Rate Structure Modifications

1.5.1. SEWER RATES

No changes are recommended for the District's existing sewer rate structure. However, the District has proposed a change to the methodology used for calculating rates for sewer customers receiving collection-only service. This change refines the allocation of fixed and variable costs to customer rates based on the volume of estimated average sewer discharges. Raftelis supports this proposed modification.

2. DISTRICT BACKGROUND

2.1. HISTORY AND SERVICE TERRITORY

The District was established in 1961 as a California Water District under the provisions of the California Water Code. The District is an independent public agency governed by a five-member, publicly elected Board of Directors whose members are elected for staggered four-year terms. The Board's policies are administered by the General Manager. As a special district, the District focuses on four primary services:

- Providing potable water.
- Collecting and treating sewage.
- Producing and distributing recycled water.
- Implementing urban runoff source control and treatment programs.

The District serves a 181-square-mile area that includes all of the City of Irvine and portions of the cities of Tustin, Newport Beach, Costa Mesa, Orange, and Lake Forest, as well as certain unincorporated areas of Orange County. Extending from the Pacific Coast to the foothills of Eastern Orange County, the region served by the District is semi-arid with a mild climate and an average annual rainfall of approximately 12 inches. The total estimated daytime population served is approximately 634,000 people through approximately 125,000 potable water connections, 6,500 recycled water connections and 120,000 sewer service connections. The number of service connections has increased by 20% over the last 10 years.

The District builds and maintains capital infrastructure to serve customers. It is organized into improvement districts to allocate funding responsibility for capital facilities to the area that will benefit from those capital facilities and to separate areas based on the projected timing of development. Expenditures for growth-related capital improvements are funded by the District through *ad valorem* taxes (property taxes) and connection fees that are collected from the property owners and developers, respectively. Expenditures for the replacement and repair of capital facilities are funded by the rates paid by customers.

2.2. BUDGETING AND RATE-SETTING PROCESS

The District adopts operating expense and capital expenditure budgets on a biennial basis. The budgets for FY 2026 and FY 2027 were adopted by the District on March 24, 2025. As an outcome of the biennial budgeting process, the District determines the water, sewer, and recycled water rates that must be paid by customers for the upcoming two-year period.

2.3. WATER SYSTEM DESCRIPTION

2.3.1. WATER SUPPLY

The District's water supply consists of three primary sources: groundwater originating in the Orange County Groundwater Basin and managed through arrangements with the Orange County Water District (OCWD), recycled water produced from sewer treatment plant effluent, and imported water purchased from the Metropolitan Water District of Southern California (MWD) through its regional wholesaler member agency, the Metropolitan Water District of Orange County (MWDOC). In addition, the District uses surface water (runoff capture) from Irvine Lake (Santiago Creek Reservoir) as a source of untreated water. The District also has an active water banking program to store low-cost water that is physically available during wet hydrological periods in order to ensure reliable supplies during dry years, when the availability of imported water supplies is reduced.

2.3.2. GROUNDWATER

The District's groundwater supplies are obtained from the Orange County Groundwater Basin in accordance with the policies and procedures set by OCWD. These include the setting of replenishment assessments, basin production percentages of total water demand by agencies pumping basin groundwater, and basin equity assessments. The District also has separate contractual arrangements with OCWD to pump groundwater that is not specifically governed by OCWD's basin production percentages and equity assessments. The District's primary sources of groundwater are the Dyer Road Well Field (up to 28,000-acre feet per year), the Deep Aquifer Treatment System, Wells 21 and 22, and the Irvine Desalter Project. The District's sources of groundwater supply for the fiscal year ending June 30, 2024, are shown in Table 1.

Table 1: FY 2024 Groundwater Supply in Acre Feet

Groundwater Source	Acre Feet
Dyer Road Well Field	27,711
Deep Aquifer Treatment System	8,100
Wells 21 and 22	2,746
Irvine Desalter Project	2,681
Other	2,335
Total	43,573

2.3.3. RECYCLED WATER

The District processes and treats sewer effluent from customers to create recycled water supplies. During the fiscal year ending on June 30, 2024, the District supplied 26,591 acre feet of recycled water and 367-acre feet of other non-potable water to customers via its recycled water system. The District has approximately 6,406 recycled water customers who are served through 583 miles of recycled water mains. The District also has approximately 3,500-acre feet of active recycled water storage.

2.3.4. IMPORTED WATER

The District purchases treated and untreated water from the MWD through its member agency, MWDOC. These supplies originate in the Colorado River and Northern California. During the fiscal year ending June 30, 2024, the District purchased 12,573 treated and 163 untreated acre feet of water from MWDOC.

2.3.5. SURFACE WATER

Irvine Lake (Santiago Creek Reservoir) captures runoff from rainwater that is). When available, the District utilizes this water for non-drinking purposes, such as agricultural irrigation, and as a source of water to be treated by the Baker Water Treatment Plant, which creates drinking water for the surrounding communities. During the fiscal year ending June 30, 2024, Irvine Lake supplied the District with 6,102-acre feet of water.

2.3.6. WATER BANKING

In addition to developing groundwater and recycled water systems (discussed below), the District has also sought to enhance its water supply reliability by developing water banking facilities in Kern County, California. These projects allow the District to capture and store low-cost water during wet hydrological periods for use during later dry years. In March 2025, the District completed a Water Supply Reliability Evaluation that affirmed the need for water banking programs to meet District demands during future droughts and major supply interruptions. Current demand projections indicate that the District has a long-term need to store supplemental water that could be called upon during drought conditions or major supply interruptions. The District has constructed a fully operational water banking program that makes it possible to store excess water during "wet" hydrologic periods. The stored water is then available for use during "dry" hydrologic periods to offset reduced water supplies during severe

drought or during an interruption to the District's imported water supplies. Table 2 provides a summary of the District's water banking storage for the fiscal year ending on June 30, 2024.

Table 2: Water Banking for the FY Ending on June 30, 2024 (Acre Feet)

Facility	Total Capacity	Total Water in Storage	District Share of Total Water in Storage
Strand Ranch	50,000	22,040	13,953
Stockdale West	26,000	21,046	15,049
District Acquired Storage Account	50,000		
Kern	9,495	4,801	4,801
Total	135,495	47,887	33,803

2.3.7. SUMMARY OF WATER SUPPLIES

During the fiscal year ending June 30, 2024, the District had total water supply deliveries of 86,132-acre feet. Table 3 details these supplies.

Table 3: Water Supplies for the FY Ending on June 30, 2024 (Acre Feet)

Source of Supply	Acre Feet
Local Groundwater	43,573
Recycled Water	23,778
Imported Water	12,679
Runoff Capture (surface water)	6,102
Total	86,132

2.3.8. POTABLE AND RECYCLED WATER INFRASTRUCTURE

The District has approximately 2,800 miles of water mains in its potable and recycled water systems and storage capacity of approximately 29,750-acre feet, including Irvine Lake, a 25,000-acre foot untreated water reservoir, and the District's Sand Canyon, Rattlesnake Canyon, Syphon, and San Joaquin Reservoirs, which are recycled water reservoirs with capacities of 800-acre feet, 600-acre feet, 450-acre feet, and 2,900-acre feet respectively. The District's groundwater sources and treatment facilities include:

Dyer Road Well Field: The Dyer Road Well Field (DRWF) produces groundwater from the principal aquifer of the Orange County Groundwater Basin. Generally, the water quality exceeds potable water quality standards and does not require treatment other than chlorination. The Dyer Road Well Field has a capacity to produce up to 28,000-acre feet per year of potable water.

Deep Aquifer Treatment System: The Deep Aquifer Treatment System (DATS) purifies drinking water from deep within the Orange County Groundwater Basin. The process removes impurities left from ancient vegetation in the bedrock and produces up to 8,200 acre-feet per year of potable water.

Irvine Desalter Project: The Irvine Desalter Project (IDP) consists of five wells located near the I-5 Freeway in Irvine in the Orange County Groundwater Basin. Salty water is pumped from these wells and sent to the IDP treatment facility to remove salts. IDP has a capacity of producing approximately 5,100-acre feet per year of potable water.

Wells 21 and 22 Project: The Wells 21 and 22 Project recovers and treats local impaired groundwater for use in the District's potable water system. The Wells 21 and 22 Project can produce approximately 6,300-acre feet per year of potable water for the District's service area.

El Toro Groundwater Remediation Program: The El Toro Groundwater Remediation Program was initiated in 1985. Trichloroethylene, also known as TCE, was found in portions of the groundwater basin beneath the former El Toro Marine Corps Air Station and central Irvine. TCE is a volatile organic compound, or VOC, that was widely used as a solvent for aircraft cleaning. As a result, a one-by-three-mile plume of contamination now extends off the former base. The contamination is about 150 feet deep beneath the base and 300-700 feet deep in the community area. In January 2007, the District, OCWD, and the United States Department of the Navy began a joint operation, now called the El Toro Groundwater Remediation Program, designed to clean up the TCE plume. This operation pumps water from the plume and removes the TCE. The resulting treated water is used for non-drinking purposes only. Each year this program provides 3,990-acre feet of clean water.

Baker Water Treatment Plant: The Baker Water Treatment Plant is a joint regional project of five South Orange County water districts that produces 31,500 acre-feet per year of drinking water, which is equivalent to approximately 63,300 single family residential dwelling units. The District's share of this capacity is 24.2% or 7623 acre-feet per year of potable water.

Michelson Water Recycling Plant: The Michelson Water Recycling Plant, with a capacity of 28 mgd, converts millions of gallons of sewage into recycled water each day. The recycled water is used for landscape irrigation, industrial uses, and toilet flushing. The plant can produce up to 25,000-acre feet of recycled water per year and is the District's primary source of recycled water.

Los Alisos Water Recycling Plant. The Los Alisos Water Recycling Plant treats has a maximum capacity to treat 7.5 mgd of sewage and, based on demand, can produce on average 2,000-acre feet of recycled water per year. The recycled water is used for landscape irrigation and other non-potable uses. The plant was built in 1964 and, along with the Michelson Water Recycling Plant, provides the District's recycled water supply.

2.4. SEWER SYSTEM DESCRIPTION

The District has an extensive network of gravity sewers, force mains, and sewer lift stations that convey sewage to the two District-owned recycling plants and the Orange County Sanitation District (OCSD). On average, approximately 80% of the District's sewage is treated at its Michelson and Los Alisos Water Recycling Plants. The remainder of the sewage collected by the District is treated by OCSD.

2.5. SUMMARY OF DISTRICT INFRASTRUCTURE

Table 4 below provides a summary of the District's potable water, sewer, and recycled/non-potable water systems as of the fiscal year ending on June 30, 2024.

Table 4: FY 2024 System Infrastructure

Potable Water System	
Miles of Water Line	2,127
Number of Storage Tanks	37
Maximum Storage Capacity (acre feet)	466
Number of Pumping Stations	36
Number of Wells	27
Well Production Capacity (cubic feet per second)	123
Water Banking Storage Capacity (acre feet)	126,000
Potable Treatment Plants	5
Recycled and Non-Potable Water Systems	
Miles of Recycled Water Line	583
Number of Storage Tanks	12
Number of Open Reservoirs	5
Maximum Storage Capacity (acre feet)	29,750
Number of Pumping Plants	21
Number of Wells	3
Well Production Capacity (cubic feet per second)	6.2
Sewer System	
Miles of Sewer Line	1,518
Number of Lift Stations	11
Treatment Plants	3
Tertiary Treatment Capacity (millions of gallons per day)	33.5
Sewage Flows to Michelson Plant	63%
Sewage Flows to Los Alisos Plant	11%
Sewage Flows to Orange County Sanitation District	26%

3. STUDY METHODOLOGY

A three-stage methodology was used to complete the Study objectives. A summary of the work process in each of these stages is presented below.

Stage 1: Understanding/Analysis of the District's Approach to Developing Rates. This stage consisted of understanding and analyzing the District's current approach to developing water, sewer, and recycled water rates. Stage 1 included the following primary analytical steps:

- **Understanding/Analysis Cost and Customer Units-of-Service Inputs.** The analysis used District-provided billing data from the customer information system (i.e., billing system) for FY 2022 through FY 2025. The billing data was configured in a Microsoft Excel format to analyze the water consumption characteristics of the District's customers.
- **Analysis of Cost Allocation and Rate Design Methodologies.** In this step, a preliminary understanding of the District's approach to the development of water, sewer, and recycled water rates was gained. For example, the composition of the District's FY 2026 and FY 2027 revenue requirement was reviewed with an emphasis on understanding how the District determines "fixed costs" that are appropriate for recovery through fixed monthly charges versus "variable costs" that are appropriate for recovery through usage-based commodity rates.

Stage 2: Identification of IRWD Recommended Changes to Cost Allocation and/or Rate Design

Methodologies. In Stage 2, the work for this Study compared the District's existing cost allocation to Proposition 18's principles and limitations. Recognizing that Proposition 218 does not detail exactly how to allocate costs, the focus was to ensure that the District's rates have a clearly identifiable correlation to underlying costs and thus be compliant with Proposition 218 and fundamental cost-of-service equity. The District has proposed a change to the methodology used for calculating rates for sewer customers receiving collection-only service. This change further refines the allocation of fixed and variable costs to customer rates based on the volume of their estimated average sewer discharges. Raftelis supports this proposed modification.

Stage 3: Testing of Customer Bill Impacts. The rate and customer bill impacts of the proposed FY 2026 and FY 2027 compared to the District's current FY 2025 rates.

Stage 4: Presentation of the Recommendations. In this final stage of the Study, proposed FY 2026 and FY 2027 rates will be presented to the District's Board of Directors on March 24, 2025 for inclusion in the notices to the public of the proposed ratemaking.

4. POTABLE WATER COST OF SERVICE

4.1. Water Budget Rate Structure

Proposition 218 specifies general principles governing property-related fees but does not prescribe exactly how to structure water service rates. As a result, water utilities have a wide range of options for recovering fixed and variable costs of providing service. For example, water utilities have a variety of options for the recovery of variable costs via commodity rates. Some utilities employ a simple uniform rate structure featuring a single commodity rate assessed on all customers regardless of their actual volume of usage. Other utilities develop specific commodity rates for each clearly definable customer class that use an inclining tier rate structure with specific fixed consumption tiers. Depending on the unique characteristics of the costs of providing service for the utility in question, the commodity rates charged under these, and other, rate-structure options can be cost-based and compliant with requirements of Proposition 218.

The District uses a “water-budget-based” rate structure to recover the variable costs of providing potable and recycled water service to customers, pursuant to California Water Code Section 370, et seq. Under this approach, a customized monthly budget (i.e., monthly water usage allocation) is developed for each customer based on the reasonable needs of the parcel using water efficiently. The commodity rates charged by the District in each consumption tier are designed to:

- Reflect and equitably recover the increasing cost of meeting consumption demands within each tier.
- Fund demand-reduction and reliability programs.
- Mitigate for costs arising from customers’ wasteful use that causes urban runoff requiring treatment by the Natural Treatment System (NTS).

4.1.1. RESIDENTIAL WATER BUDGET STRUCTURE

The District recovers the annual variable cost of providing water service to residential customers through a water budget-based rate structure that features four consumption tiers. The amount of water included in each customer's monthly water budget is based on an assessment of reasonable and efficient water use as determined by factors that include:

- Household occupancy per housing type (based on census data).
- Irrigated landscape area.
- Daily weather characteristics during each month of the year.
- Unique characteristics such as the presence of a pool, medical needs, or livestock.

The commodity rates (\$/ccf) paid in each consumption tier are designed to recover the District's variable cost of producing or purchasing water supplies. Customers with water usage that stays within their monthly budget allocation (the low volume and base tiers) pay commodity rates that reflect the lowest-cost sources of water supply. Customers with water usage in excess of their monthly budget allocation (the inefficient and wasteful tiers) pay commodity rates that reflect the District's need to obtain higher-cost sources of water, such as potable imported water purchased from MWDOC and banked water recovered and delivered from District facilities, in Kern County order to serve those customers’ higher-increment demands.

Customers in the inefficient and wasteful tiers who exceed their monthly budget allocation impose higher costs on the District to meet their higher-increment water demand. While all customers pay the same rate for the volume of water consumed in the low volume and base tiers, respectively, only customers whose demand exceeds their parcel’s budget/allocation are required to pay for IRWD’s water supplies purchased to serve higher tier demands or pay for targeted services aimed at helping customers reduce their consumption to reasonable and efficient levels.

The commodity rates charged in these two upper tiers are designed to recover the cost of more expensive water supplies and to recover the additional costs of:

- Targeted conservation programs designed to reduce water use among customers in the wasteful tier.
- Water banking operational costs to enhance water supply reliability to supplement imported water supply to meet demand from customers in the wasteful tier.
- Programs designed to achieve long-term improvements in water use efficiency for customers in the inefficient and wasteful tiers.
- Natural treatment system programs used to control urban runoff sources (e.g., overspray and overwatering from landscape irrigation) due to customers in the inefficient and wasteful tiers who use water that ends up running off their properties and into storm drains, which then must be separately treated to remove contaminants.

Table 5 shows the District's residential water budget consumption tiers, for both single-family and multi-family customers, and the proposed FY 2025-26 commodity rates.

Table 5: FY 2025-26 Residential Water Budget Consumption Tiers

Usage Tier	Single Family and Multi-Family Residential Consumption Tiers	FY 2025-26 Rates (\$/ccf) (Noticed but Not Implemented) (1)
Tier 1: Low Volume	0 - 40% of budget	\$2.07
Tier 2: Base	41 - 100% of budget	\$2.72
Tier 3: Inefficient	101 - 140% of budget	\$7.51
Tier 4: Wasteful	141% + of budget	\$18.60
(1) Development of the rates is covered beginning in Section 4.3.1		

4.1.2. SINGLE FAMILY RESIDENTIAL WATER BUDGET CALCULATION

The monthly water budget developed for each individual customer features an indoor usage component and an outdoor usage component. The sum of these two components reflects the District's determination of efficient monthly water usage based on the unique requirements of each customer. As shown in Table 5 above, 40% of a customer's total monthly budget is billed at the lowest commodity rate in the low volume tier. This represents the expected reasonable indoor use. The remaining portion of a customer's total monthly budget is billed in the base tier, which reflects the expected reasonable outdoor use. Usage above a customer's total water budget is billed in the inefficient and wasteful tiers at the highest commodity rates.

The general formula used to determine a customer's indoor water budget is shown below. The approach used by the District is a reasonable method for quantifying efficient indoor water usage and no modifications are recommended.

<p><i>Single Family Residential Indoor Budget (ccf) =</i> <i>Persons per Household (1) * 50 gallons per person (2) * Days in the Billing Cycle ÷ 748 Conversion Factor (3)</i></p>
<p>(1) The default assumption used is four persons per household. Customers can request a variance to adjust this factor.</p>
<p>(2) Although Water Code section 10609.4 sets a current State of California standard at 55 gallons per person per day, the state standard is slated to decrease to 52.547 gallons per person per day in 2025 and to 42 gallons per person per day in 2030 onward. The typical District customer uses approximately 50 gallons per person per day.</p>
<p>(3) 748 is a factor to convert gallons to one hundred cubic feet (ccf).</p>

The fundamental metric used in the District's calculation of efficient outdoor water usage is the evapotranspiration (ET) rate of landscape plants and the amount of planted surface area. Evapotranspiration is the process by which water is lost to the atmosphere through evaporation and transpiration. ET rates are measured at three monitoring stations located throughout the District's service territory. Having established the ET rate for each day of the monthly billing cycle based on actual weather conditions, the District applies an adjustment factor. The District's ET Adjustment Factor (ETAF) of 0.75 is based on the typical residential landscape plant mix and the efficiency of a typical residential irrigation system. Typical residential landscapes in IRWD's service area are primarily grass turf (approximately 60% of the landscape) usually with borders or other landscape features that can include trees, shrubs and other plants (approximately 40%). Different plants have different watering requirements, called plant factors, which can be quantified compared to a reference crop such as cool-season turf, which requires 100% of ET. Warm season grass has a plant factor of 0.65, or requires 65% of ET, and drought tolerant and lower water use plants are assumed to have a plant factor of 0.5, or 50% of ET. A weighted average, based on 60% warm-season grass and 40% drought tolerant plants results in an average plant factor of 0.6. The irrigation system is assumed to be 80% efficient, or 0.8. $ETAF = \text{Plant Factor} / \text{Irrigation Efficiency}$. Dividing the plant factor by the irrigation efficiency $(0.6 / 0.8) = 0.75$. This can also be calculated as follows using Plant Factor = 0.6 and Irrigation Efficiency = $1 / 0.8 = 1.25$. Therefore, $ETAF = 0.6 \times 1.25 = 0.75$.

A simplified representation of the general formula used to determine a customer's outdoor water budget is shown below. The approach used to quantify efficient outdoor water usage is based on horticultural science, is reasonable, and no modifications are recommended.

Single Family Residential Outdoor Budget (ccf) =
*Irrigated Landscape Area (1) * Evapotranspiration (ET) Rate (2) * 0.75 ET Adjustment Factor (3) * 36.3 Conversion Factor (4)*

(1) Area measured in acres.
 (2) Evapotranspiration rate during each day of the monthly billing cycle based on actual temperature, humidity, and other factors.
 (3) Adjustment factor assuming 60% efficient warm season turf, 40% drought tolerant plants and 20% irrigation system inefficiency.
 (4) 36.3 is a factor to convert acre-inches of water to one hundred cubic feet (ccf).

The typical single family residential customer served by the District has an average monthly usage of 12 ccf. Table 6 provides an example of the calculation of the indoor, outdoor, and total monthly water budgets for this average customer.

Table 6: Example Calculation of a Single Family Residential Monthly Water Budget

Example Monthly Water Budget Calculation for an Average Single Family Residential Customer (Default Household Occupancy of 4 persons and 0.3 acres of Irrigated Landscape)		
Line	Indoor Water Budget Calculation	
1	Default Persons per Household	4.0
2	Required Gallons per Person per Day	50.0
3	Days in Billing Cycle	30
4	Monthly Indoor Water Budget (gallons)	6,000 (Lines 1 * 2 * 3)
5	Monthly Indoor Water Budget (ccf)	8.0 (Line 4 / 748 Conversion Factor)
	Outdoor Water Budget Calculation	
6	Average Daily ET Rate During the Billing Cycle Based on Measured Temperature, Humidity and other factors (Inches)	0.136986
7	Adjustment for 60% warm season turf & 40% drought tolerant landscaping	0.6
8	Adjustment for Irrigation System Efficiency	0.8
9	ET Adjustment Factor	0.75 (Line 6 / Line 8)

10	Adjusted Daily ET Rate	0.10274 (Line 6 * Line 9)
11	Customer Irrigated Landscape Area (acres)	0.03
12	Required Inches of Water per Acre	0.003082 (Line 10 * Line 11)
13	Days in Billing Cycle	30.0
14	Required Inches per Acre	0.092466 (Line 12 * Line 13)
15	Monthly Outdoor Water Budget (ccf)	3.4 (Line 14 * 36.3 Conversion Factor)
Total Water Budget		
16	Total Monthly Water Budget Before Rounding (ccf)	11.4 (Line 5 + Line 15)
17	Total Monthly Water Budget Used in Customer Billing (ccf)	12.0

4.1.3. SINGLE FAMILY RESIDENTIAL CONSUMPTION TIERS

Water utilities that employ inclining tier rate structures develop their tiers based on the cost of the amount of water allocated for use in each consumption tier. For example, tier 1 (the lowest commodity rate) is defined as the winter water usage of an average single family residential customer, which typically represents interior water use because exterior irrigation needs normally are minimal during the typical winter wet season. Tier 2 reflects the addition of estimated outdoor watering needs for single family residential customers with an average size lot. Finally, tier 3 represents additional demands from 100% warm season turf for a customer with an average sized lot and tier 4 is defined as any amount of usage in excess of tier 3.

The District takes a more sophisticated approach to developing cost-justified consumption tiers. Instead of using "one-size-fits-all" fixed consumption tiers, the District calculates custom, individualized water budgets that fairly allocate the lower-cost and higher-cost components of the District’s water supply across a broad spectrum of customer types. To ensure equity in the bills paid by customers, a common definition of the usage allowed in each tier is expressed on a percentage rather than a specific fixed level of consumption.

The example in Table 6 above showed the calculation of a 12 ccf monthly water budget for a hypothetical single family residential customer. Table 7 shows how this single family residential customer would be billed under the water budget tier structure if their actual water usage equaled 18 ccf and no variance was submitted.

Table 7: Allocation Usage Between Consumption Tiers (based on a 12 ccf Budget)

Usage Tier	Single Family Residential Consumption Tiers	Amount Billed in Each Tier Based on Usage of 18 ccf
Tier 1: Low Volume	0 - 40% of budget	5 ccf = 12 ccf total budget * 40%
Tier 2: Base	41 - 100% of budget	7 ccf = 12 ccf total budget * 60%
Tier 3: Inefficient	101 - 140% of budget	5 ccf = 12 ccf total budget * (140% - 100%)
Tier 4: Wasteful	141% + of budget	1 ccf = 18 ccf actual usage - 17 ccf allocated in Tiers 1 - 3

40% Breakpoint Between the Low Volume and Base Tiers: The low volume tier, which reflects usage between 0 - 40% of each customer's total monthly water budget, is designed to provide all customers with an amount of indoor water usage equivalent to 20 gallons per person per day in order to meet minimum health and safety requirements plus an amount of water for outdoor irrigation adequate to sustain outdoor landscaping, regardless of the size of a customer's irrigated landscaped area.

The 40% breakpoint is appropriate because it ensures that all single-family residential customers, regardless of the irrigated area, receive an allocation of the lowest cost water that is adequate to sustain their basic indoor and outdoor usage requirements.

100% Breakpoint Between the Base and Inefficient Tiers: Under the District's water budget rate structure, 100% of a customer's total monthly water budget is allocated to the low volume plus base tiers. Usage in excess of the base tier crosses the 100% breakpoint.

140% Breakpoint Between the Inefficient and Wasteful Tiers: The 140% breakpoint between the inefficient and wasteful tiers is based on the customer exceeding a 40% factor that accounts for a combination of leaks and inefficient irrigation and/or devices. Table 8 illustrates this calculation. The 40% is an average derived from various end-use studies on residential water use.¹ No changes are recommended to this approach.

Table 8: Derivation of the 140% Inefficient Tier/Wasteful Tier Breakpoint

Water Budget Metric	Efficient Use (ccf)	Inefficient Use (ccf)
Indoor Water Use (1)	8.29	11.49
Outdoor Water Use (2)	3.68	5.15
Total Monthly Water Use Before Rounding (ccf)	11.97	16.64
Total Monthly Water Budget Used in Customer Billing (ccf)	12.0	17.0
Ratio of Efficient to Inefficient Before Rounding	16.8	139%
Ratio of Efficient to Inefficient After Rounding	17	140%
(1) Single Family Residential - Default Household Occupancy of 4 persons (2) 0.3 acres of Irrigated Landscaping Water Budget		

4.1.4. MULTI-FAMILY RESIDENTIAL CONSUMPTION TIERS

Similar to the single family, the breakpoint definition represents an allocation for both indoor and outdoor demands that provides for health and safety and is fair and equitable. The District defines the 40% breakpoint between the low volume and base tiers as follows:

"The low volume tier, which reflects usage between 0 - 40% of each customer's total monthly water budget, is designed to provide all customers with an amount of indoor water usage equivalent to 20 gallons per person per day in order to meet minimum health and safety requirements plus an amount of water for outdoor irrigation, as applicable, adequate to sustain outdoor landscaping, regardless of the size of a customer's irrigated landscaped area."

The 40% breakpoint ensures that all residential customers, regardless of the irrigated area, receive an allocation of the lowest cost water that is adequate to sustain their basic usage requirements.

Multi-Family Condominiums

When calculating water budgets for multi-family condominiums (condo), the District assumes a default occupancy of 3 persons per household and 435 square feet of outdoor irrigation. Assuming that a customer does not request a variance, this results in an average total monthly water budget of 8 ccf per condo. The 140% breakpoint between the inefficient and wasteful tiers is based on the customer exceeding a 40% factor that accounts for a combination of leaks and inefficient irrigation and/or devices. The 40% is an average derived from various end-use studies on residential water use.

Multi-Family Apartments

¹ California Single Family Water Use Efficiency Study, 2011, De Oreo et al.
 Future Potential Water Efficiency Study, 2019, IRWD, Prepared by EKI Environment & Water, Inc.
 Residential End Uses of Water Version 2, 2016, Water Research Foundation
 4924-9402-4243.2 011674.007

When calculating water budgets for multi-family apartment customers, the District assumes a default occupancy of 2 persons per household with no outdoor irrigation demands. Assuming that a customer does not request a variance, this results in a total monthly water budget of 5 ccf per apartment.

4.1.5. WATER BUDGET RATE STRUCTURE FOR LANDSCAPE CUSTOMERS

Landscape customers are served by potable water or recycled water connections that are solely used for the purposes of meeting outdoor irrigation. Similar to residential customers, the District recovers the annual variable cost of providing water service to landscape customers through a water-budget-based rate structure that features four consumption tiers. However, the amount of water included in each customer's monthly water budget does not include an allowance for any indoor consumption. Instead, it is based on the District's assessment of efficient water use, based on principles of horticultural science as determined by the irrigated landscaped area.

A representation of the general formula used to determine the water budget for a landscape customer served by a potable water connection is shown below. The approach used by the District for quantifying efficient outdoor water usage is reasonable and no modifications are recommended. The low volume tier allocation for landscape customers assumes the demand necessary to sustain the landscape as defined in the table below.

Landscape Customer Served by a Potable Water Connection (ccf) =
*Irrigated Landscape Area (1) * Evapotranspiration (ET) Rate (2) * 0.75 ET Adjustment Factor (3) * 36.3 Conversion Factor (4)*

(1) Area measured in acres.
 (2) Evapotranspiration rate during each day of the monthly billing cycle based on actual temperature, humidity, and other factors.
 (3) Adjustment factor assuming 60% efficient warm season turf, 40% drought tolerant plants and 20% irrigation system inefficiency.
 (4) 36.3 is a factor that converts acre-inches of water to one hundred cubic feet (ccf).

A representation of the general formula used to determine the water budget for a landscape customer served by a recycled water connection is shown below. Note that the ET adjustment factor of 0.75 used for potable water has been modified to 0.87. This is because landscape customers served by a recycled water connection are assumed to have 100% warm season turf and 0% drought tolerant plants and would be more likely to require the use of less efficient overhead spray irrigation. The low volume tier allocation for landscape customers assumes the water necessary to sustain 100% warm season turf. The inefficient tier includes water use exceeding budget by 40%, or up to 140%. This is based on leaks and inefficient landscape irrigation.

Landscape Customer Served by a Recycled Water Connection (ccf) =
*Irrigated Landscape Area (1) * Evapotranspiration (ET) Rate (2) * 0.87 ET Adjustment Factor (3) * 36.3 Conversion Factor (4)*

(1) Area measured in acres.
 (2) Evapotranspiration rate during each day of the monthly billing cycle based on actual temperature, humidity, and other factors.
 (3) Adjustment factor assuming 100% efficient warm season turf, and 25% irrigation system inefficiency.
 (4) 36.3 is a factor that converts acre-inches of water to one hundred cubic feet (ccf).

Table 9 shows the water budget consumption tiers and proposed FY 2025-26 commodity rates for landscape customers.

Table 9: FY 2025-26 Landscape Consumption Tiers

Usage Tier	Consumption Tiers	Potable Water	Recycled Water
		FY 2025-26 Rates (\$/ccf) (Noticed but Not Implemented) (1)	FY 2025-26 Rates (\$/ccf) (Noticed but Not Implemented) (1)
Tier 1: Low Volume	0 - 40% of budget	\$2.07	\$1.38
Tier 2: Base	41 - 100% of budget	\$2.72	\$2.39
Tier 3: Inefficient	101 - 140% of budget	\$7.51	\$5.43
Tier 4: Wasteful	141% + of budget	\$18.60	\$9.93

(1) Development of the rates is covered beginning in Section 4.3.1

4.1.6. WATER BUDGET RATE STRUCTURE FOR COMMERCIAL CUSTOMERS

Given the diversity of water usage characteristics, it is virtually impossible to develop customized water budgets for commercial customers based on standardized metrics regarding efficient indoor and outdoor water use. For this reason, the District establishes an individualized water budget for each customer based on an analysis of business water use needs. This may include an on-site assessment. This allows the water budget of each commercial customer to be tailored to their specific needs and requirements.

Because the water budgets are tailored to each commercial customer, rather than using four consumption tiers, the commodity rates of commercial customers are assessed over two consumption tiers. The base consumption tier reflects 100% of the customer's total monthly water budget. The wasteful tier reflects all usage above the monthly budget allocation. Table 10 shows the proposed FY 2025-26 commercial customer consumption tiers and proposed commodity rates.

Table 10: FY 2025-26 Commercial Water Budget Structure and Commodity Rates

Usage Tier	Consumption Tiers	Potable Water	Recycled Water
		FY 2025-26 Rates (\$/ccf) (Noticed but Not Implemented) (1)	FY 2025-26 Rates (\$/ccf) (Noticed but Not Implemented) (1)
Tier 1: Base	0 - 100% of budget	\$2.72 (2)	\$1.38 (4)
Tier 2: Wasteful	100% + of budget	\$18.60 (3)	\$9.93 (5)

- (1) Development of rates is covered beginning in Section 4.3.1
- (2) Reflects the Tier 2 potable rate paid by residential and landscape customers.
- (3) Reflects the Tier 4 potable rate paid by residential and landscape customers.
- (4) Reflects the Tier 1 recycled rate paid by landscape customers.
- (5) Reflects the Tier 4 recycled rate paid by landscape customers.

4.2. District Approach to Cost Recovery

The District separates the components of its annual revenue requirement from rates into three specific types of costs: variable costs recovered from commodity rates, fixed operating costs recovered through monthly meter charges, and replacement and enhancement costs which are also recovered from monthly meter charges. No modifications are recommended to this approach.

Variable Operating Costs: Variable operating costs are those operations and maintenance costs that vary with the volume of water consumed by customers. These costs are recovered through commodity rates assessed on a \$/ccf basis.

Fixed Operating Costs: Fixed operating costs are those operations and maintenance costs that, in the short term, do not vary with the volume of water consumed by customers. These costs are recovered through monthly service charges.

Replacement and Enhancement Capital Costs: Capital costs incurred by the District to replace and repair existing infrastructure and to update existing infrastructure to meet new regulatory requirements are referred to as "Replacement and Enhancement Capital Costs." Replacement and enhancement capital costs do not increase the capacity of the water utility system to serve demand growth from new customers. The District pays for a portion of its replacement and enhancement capital costs via ad valorem property tax assessments. The remainder is funded by operational cash flows provided by rate revenues.

The District's growth-related capital costs (i.e., capital costs that increase system capacity to serve new customers) are not recovered through recurring water rates. Instead, they are recovered via ad valorem property tax assessments and connection fees. A review of the growth-related capital costs and their recovery was not included as part of this Study. Table 11 summarizes the process used to allocate and recover its annual water utility revenue requirement from water service rates including an allocation of general and administrative expense based on direct labor charges.

Table 11: District Cost Allocation and Revenue Recovery Philosophy

Type of Cost	Description of Cost	Cost Recovery Mechanism
Variable Operating Costs	Direct cost of producing/purchasing water supplies, including water treatment costs that vary. Allocated indirect general and administrative overhead costs.	Commodity rates (\$/ccf) for each applicable consumption tier.
Fixed Operating Costs	Direct operations and maintenance costs that do not vary based on customer consumption. Allocated indirect general and administrative overhead costs.	Monthly meter service charge based on meter size.
Replacement and Enhancement Capital Costs	Direct costs incurred to replace and repair existing infrastructure and meet new regulatory requirements	Included in the monthly meter service charge based on meter size.

4.3. FY 2025-26 Water Revenue Requirement

The FY 2025-26 water revenue requirement was determined to be \$127,651,952 (see Tables 12 and 13). Of this amount, \$78,583,884 (61.2%) is associated with variable costs that are incurred to acquire and treat water supplies. These costs vary with the amount of water used by customers and are recovered through commodity rates. Note that the variable cost revenue requirement includes \$16,852,103 in costs for universal conservation, targeted conservation, water banking operations, and the District's natural treatment system used to control runoff from customers who use water in the inefficient and wasteful tiers. Table 12 provides details of the FY 2025-26 variable revenue requirement.

Table 12: FY 2025-26 Potable Water Variable Cost Revenue Requirement

Revenue Requirement Component	Amount
Water Supplies	
Dyer Road Wellfield	\$26,085,882
Baker Treatment Facilities	\$16,822,931
Imported Water Purchases Irvine Ranch	\$8,218,964
Deep Aquifer Treatment System	\$8,795,636
Irvine Desalter Project (potable)	\$6,421,381
Wells 21 & 22 Desalter Treatment Plant	\$4,325,647
Orange Park Acres	\$2,991,696
Howiler Treatment Facility	\$784,118
Total Gross Water Supply Costs	\$74,446,254
Revenue Requirement Offsets to Water Supply Costs	
Revenue from Baker Treatment Plant Partners	\$6,896,473
Revenue from Sinking Fund	\$1,700,000
Revenue from Water Banking Operations	\$2,093,000
MWDOC PTP/IDP Credits	\$2,025,000
Total Revenue Requirement Offsets	\$12,714,473
Net Revenue Requirement for Water Supply Costs	\$61,731,781
Conservation and Supply Reliability	
Targeted Conservation	\$1,723,580
Natural Treatment System	\$7,668,602
Water Banking	\$5,286,796
Universal Conservation	\$2,173,125
Total Conservation and Supply Reliability Costs	\$16,852,103
Net Variable Cost Revenue Requirement	\$78,583,884
Net Untreated Water Variable Cost Revenue Requirement	(\$817,258)

Fixed costs do not vary with the volume of water used by customers. The fixed cost portion of the total FY 2025-26 revenue requirement is \$49,885,325 (38.8%) as shown in Table 13. Of these fixed costs, \$10,702,638 were associated with expenditures for replacement and enhancement capital costs that do not increase the capacity of the water utility system to serve new customer demand growth. Table 13 provides details of the FY 2025-26 fixed revenue requirement.

Table 13: FY 2025-26 Potable Water Fixed Cost Revenue Requirement

Revenue Requirement Component	Total
Fixed Operating Costs	
System Operations and Maintenance	\$34,567,378
Customer Service	\$5,819,096
Fleet	\$1,604,133
General Plant	\$1,032,519
Building Maintenance	\$2,401,634
Total Fixed Operating Costs	\$45,424,761
Replacement and Enhancement Capital Costs	
Replacement	\$8,422,715
Enhancement	\$2,279,924
Total Capital Costs	\$10,702,638
Gross Fixed Cost Revenue Requirement	\$56,127,399
Revenue Requirement Offsets	
Fireline Revenues	\$2,926,822
Miscellaneous Revenue	\$1,792,326
Pumping Surcharge Revenue	\$1,171,156
Low Volume Benefit	\$351,770
Total Revenue Requirement Offsets	\$6,242,074
Net Fixed Cost Revenue Requirement from Rates	\$49,885,325

4.3.1. VARIABLE COST RECOVERY - COMMODITY RATES

The District recovers water supply costs through commodity rates with the lowest cost water supplies being recovered in the low volume and base consumption tiers and the highest cost water supplies being recovered in the inefficient and wasteful tiers. The District's method for recovering variable costs is compliant with Proposition 218 because of the direct linkage between the revenue recovered in each tier to the costs incurred to provide service to customers with demand in each consumption tier.

The District also recovers the cost of water conservation and water supply reliability programs through its commodity rates with targeted costs being allocated to customers with consumption in the inefficient and wasteful tiers. This approach is reasonable because customers who exceed their monthly water budget allocation impose higher costs on the District. Thus, the commodity rates charged in these two upper tiers are designed to not only recover the cost of more expensive water supplies, but also the additional costs of:

- Targeted conservation programs designed to reduce excessive use.
- Water banking operational costs to enhance water supply reliability.
- Rebates for long-term improvements in customer water use efficiency.
- Urban runoff source control programs referred to as the NTS, which treats runoff from customers who use water in the inefficient and wasteful tiers.

In FY 2025-26, the District projected total water demand of 53,404-acre feet based on historical averages by tier, adjusted for customer account growth and other relevant factors. Table 14 details the FY 2025-26-unit cost of water supplies (\$/ccf) from each supply source as determined using cost and demand data provided by the District.

Table 14: Unit Cost of FY 2025-26 Water Supplies

Metric	Dyer Road Wellfield	Deep Aquifer Treatment System	Baker Treatment Facilities	Irvine Desalter Domestic	Wells 21 & 22 Desalter Treatment Plant	Imported Water Purchases	Orange Park Acres Well 1	Total Cost and Acre Feet
Net Cost (1)	\$24,105,058	\$7,922,267	\$9,926,458	\$4,449,325	\$3,661,409	\$8,218,964	\$2,664,182	\$61,731,781
Demand in Acre Feet (net)	26,740	7,280	6,552	4,560	1,920	3,622	2,730	53,404
CCF (2)	11,647,944	3,171,168	2,854,051	1,986,336	836,352	1,577,830	1,189,188	23,262,870
Unit Cost per ccf (1) divided by (2)	\$2.07	\$2.50	\$3.48	\$2.24	\$4.38	\$5.21	\$2.24	

(1) From Table 12

(2) Acre feet is multiplied by 435.6 to convert to CCF

The District allocates the water supply in the order of cost for each source. The higher cost water supplies are appropriately allocated to the inefficient and wasteful tiers. Table 15 details this allocation for FY 2025-26 using cost and demand data provided by the District.

Table 15: Allocation of Potable Water Supplies to Consumption Tiers for Unit Costs

Metric (acre feet)	Dyer Road Wellfield	Deep Aquifer Treatment System	Baker Treatment Facilities	Irvine Desalter Domestic	Wells 21 & 22 Desalter Treatment Plant	Imported Water Purchases	Orange Park Acres Well 1	Unit Cost by Tier
Unit Cost	\$2.07	\$2.50	\$3.48	\$2.24	\$4.38	\$5.21	\$2.24	
T1: Low Volume	20,189	0	0	0	0	0	0	\$2.07
T2: Base	6,551	7,280	6,552	4,560	535	0	2,730	\$2.60
T3: Inefficient	0	0	0	0	1,385	1,232	0	\$4.77
T4: Wasteful	0	0	0	0	0	2,390	0	\$5.21

(1) 20,189-acre feet are used to meet projected low volume demand estimated based on historic demand as adjusted for customer account growth and other relevant factors. The remainder (6,551-acre feet) is allocated to partially meet the base demand.

(2) The Unit Cost by Tier is the blended cost of the sources. Example: T2 = $((6,551 \times 435.6 \times \$2.07) + (7,820 \times 435.6 \times \$2.50) + (6,552 \times 435.6 \times \$3.48) + (4,560 \times 435.6 \times \$2.24) + (535 \times 435.6 \times \$4.38) + (0 \times 435.6 \times \$5.21) + (2,730 \times 435.6 \times \$2.24)) / (28,209 \times 435.6) = \2.60

Having determined the unit cost of water supplies by consumption tier as shown in Table 16 above, the District then allocates the cost of conservation programs and supply reliability programs to the water budget tiers as described below:

Universal Conservation: Universal conservation costs are incurred to encourage customers to use water as efficiently as possible. Universal program costs are added to the commodity rate in the base, inefficient, and wasteful tiers. This cost is not included in the low volume rate since customers who remain in this usage tier do not need assistance to efficiently use water.

Targeted Conservation: Targeted conservation costs reflect programs specifically designed to encourage efficient water practices of customers whose usage exceeds their water budgets. Therefore, these costs are added to the commodity rates of customers in the inefficient and wasteful tiers. Based on a historical estimate of customers who have been provided assistance in these programs, approximately 77% of the customers are in the wasteful tier with the remainder of customers being in the inefficient tier. Therefore, 77% of the targeted conservation costs are allocated to the wasteful tier with the remaining 23% of the costs being allocated to the inefficient tier.

NTS Costs: These costs are incurred by the District to deal with urban water runoff produced by customers whose usage exceeds their water budgets. These costs are added to the commodity rates of customers in the inefficient and wasteful tiers because their excessive water usage creates urban water runoff. The allocation is based on an estimate of the historic mix of urban runoff created by customers in the inefficient and wasteful tiers primarily from hosing down hardscape and excess irrigation running off the landscape into the storm drains. The District estimates 82% of NTS costs are created by customers in the wasteful tier because wasteful outdoor demand flows to NTS sites. The remaining 18% of urban runoff costs results from inefficient customers overwatering landscape.

Water Banking: Water banking costs are incurred to support the reliability of the District's water supplies. These costs are added to the commodity rates of customers in the wasteful tier because their excessive water usage creates the need for enhanced reliability of costly imported water supplies as previously discussed.

Table 16 shows the outcome of derivation of the unit costs for the District's conservation and supply reliability programs.

Table 16: FY 2025-26 Conservation and Supply Reliability Unit Costs (\$/ccf)

Program	FY 2025-2026 Revenue Requirement (1) (A)	FY 2025-26 Units of Demand (ccf) (2) (B)	Demand Adjustment Factor for Price Elasticity (C)	FY 2025-26 Adjusted Units of Demand B x C = (D)	Unit Cost Included in FY 2025-26 Commodity Rates A ÷ D = (E)
Universal Conservation	\$1,723,580	14,468,574	100%	14,468,574	\$0.12
Water Banking					
Wasteful tier	\$2,173,654	1,041,022	90%	936,920	\$2.32
Targeted Conservation					
Inefficient tier (77%)	\$1,757,388	1,139,869	90%	1,025,882	\$1.71
Wasteful tier (23%)	\$5,911,214	1,041,022	90%	936,920	\$6.31
Natural Treatment System					
Inefficient tier (18%)	\$936,901	1,139,869	90%	1,025,882	\$.91
Wasteful tier (82%)	\$4,349,895	1,041,022	90%	936,920	\$4.64

- (1) From Table 12
- (2) FY 2025-26 Units of Demand are based on the cumulative projected units of sale for the tiers. Universal Conservation includes the base, inefficient, and wasteful tiers.

Table 17 shows the FY 2025-26 commodity rates as calculated by Raftelis. The slight differences in the calculated commodity rates calculated by Raftelis and the commodity rates originally published in the District's FY 2025-26 Proposition 218 notice can be attributed to recommended minor cost allocation adjustments.

Table 17: FY 2025-26 Potable Water Commodity Rates (\$/ccf)

Consumption Tier	Unit Cost of Water Supplies (1)	Unit Cost of Universal Conservation (2)	Unit Cost of Water Banking (2)	Unit Cost of Targeted Conservation (2)	Unit Cost of Natural Treatment System (2)	FY 2025-26 Rates (Noticed but Not Implemented)
T1: Low Volume	\$2.07					\$2.07
T2: Base	\$2.60	\$0.12				\$2.72
T3: Inefficient	\$4.77	\$0.12		\$1.71	\$0.91	\$7.51
T4: Wasteful	\$5.21	\$0.12	\$2.32	\$6.31	\$4.64	\$18.60

- (1) From Table 15
- (2) From Table 16. Water used in the low volume tier is efficient and universal conservation efforts are not necessary.
- (3) Rate differences are due to minor cost allocation adjustment recommendations.

4.3.2. VARIABLE COST RECOVERY - AGRICULTURAL RATES

Allocated fixed costs and variable costs are combined to calculate the agricultural commodity rate, and these customers are charged a single volumetric rate for all water used. Due to the variable nature of water demands for seasonal growing (i.e. not permanent crops), these customers do not have a budget. The variable rate is based on the total available source of supply. The variable rate component is based on the respective proportions of those available sources using the same allocation of available sources used for residential and commercial customers. DRWF provides 50% of the source of supply at a cost of \$2.07/ccf and imported water provides 7% at a cost of \$5.21/ccf. The remaining 43% is the blended cost of the other sources at \$2.85/ccf (Table 15). This results in a blended variable cost of \$2.62/ccf. The fixed component is based on an allocation of fixed expense which includes a component for replacement and enhancement capital to the agricultural customer class of \$27,334. The fixed cost applied to the agricultural commodity rate adds \$1.30 to the per ccf cost based on the estimated 21,045 ccf's. Table 18 shows the calculation of proposed FY 2025-26 agricultural rates.

Table 18: FY 2025-26 Agricultural Water Commodity Rates (\$/ccf)

System	FY 2025-26 Revenue Requirement	FY 2025-26 Projected Demand (CCF)	Variable Cost (CCF)	Fixed Component Cost (CCF)	FY 2025-26 Rates (Noticed but Not Implemented)
Potable Water	\$82,472	21,045	\$2.62	\$1.30	\$3.92

4.3.3. FIXED COST RECOVERY - MONTHLY METER SERVICE CHARGES

The District recovers fixed operating costs and replacement and enhancement capital costs through monthly meter service charges. On the District potable water system, the baseline meter size serving customers is 5/8". Thus, the first step in developing the monthly meter service charge is to estimate the total number of 5/8" meter equivalent connections (MEUs) on the potable water system in order to establish the unit cost for a 5/8" equivalent meter. Table 19 shows a summary of this calculation using the District's fixed costs and meter count data.

Table 19: FY 2025-26 Monthly Unit Cost of Serving a 5/8" Equivalent Meter

System	5/8" MEU (A)	Operating Costs (B)	Capital Costs (C)	Total Fixed Cost Revenue Requirement (1) B + C=(D)	Operating Costs per 5/8" MEU B ÷ A=(E)	Capital Costs per 5/8" MEU C ÷ A=(F)	Total Unit Cost per 5/8" MEU ((2) E + F = G)
Potable Water	273,171	\$38,332,189	\$10,470,327	\$48,802,516	\$11.69	\$3.19	\$14.89

(1) Values prior to rounding

Having established the monthly fixed charge unit cost as being \$14.89 per 5/8" meter equivalents, the final step in the process is to develop a schedule of monthly meter service charges for each meter size on the system. Table 20 presents this calculation. Note the \$14.89 calculation in Table 21 is rounded up to \$14.90.

Table 20: FY 2025-26 Monthly Meter Service Charges

Meter Size and Technology	Meter Flow Rate Equivalency Ratio	Accounts	FY 2025-26 Rates (Noticed but Not Implemented)
5/8" Disc	1.00	66,102	\$14.90
3/4" Disc	1.50	11,655	\$22.35
1" Disc	2.50	33,573	\$37.25
1 1/2" Disc	6.00	4,136	\$89.40
1 1/2" Single Jet	5.00	1	\$74.50
2" Disc	8.00	5,438	\$119.20
2" Single Jet	8.00		\$119.20
2" Turbo	12.50	706	\$186.25
3" Turbo	32.50	404	\$484.25
4" Turbo	62.50	197	\$931.25
4" Turbo Omni F-2	50.00	1	\$745.00
6" Propeller	45.00		\$670.50
6" Single Jet	50.00		\$745.00
6" Turbo	125.00	39	\$1,862.50
6" Turbo Omni F-2	100.00	3	\$1,490.00
6" Mag Meter	144.55	0	\$2,153.80
8" Mag Meter	248.70	0	\$3,705.65
8" Turbo	175.00	10	\$2,607.50
8" Turbo Omni F-2	175.00	1	\$2,607.50
10" Turbo	350.00	5	\$5,215.00
6" Propeller	45.00		\$670.50
8" Propeller	60.00		\$894.00
10" Propeller	80.00		\$1,192.00
12" Propeller	110.00		\$1,639.00
16" Propeller	190.00		\$2,831.00

4.3.4. MONTHLY PRIVATE FIRELINE CHARGES

Private firelines provide water to sprinkler systems for fire suppression within private improvements such as buildings and other structures. The District, like many utilities, provides private fireline service to its customers. In FY 2025-26, the District estimates that it will collect private fireline revenues of \$2,926,822 as shown in Table 21. These revenues are used as an offset to the total fixed cost revenue requirement. No change was made to the methodology used to calculate private fireline rates.

4.3.5. PROPOSED FIRELINE TESTING RATE

In California, the requirement for annual testing of private fire service mains is outlined in Title 19 of the California Code of Regulations (CCR). Specifically, Section 901(a) requires that private firelines be tested on an annual basis. Annual testing requires a minimal amount of water that is estimated by District Staff to be one (1) ccf. The District will provide one (1) ccf for annual fireline testing. This water would be charged at the proposed FY 2025-26 potable water Low Volume (Tier 1) rate shown in Table 17. Private fireline water consumption in excess of one (1) ccf not associated with actual firefighting usage is proposed to be charged at the proposed FY 2025-26 Wasteful (Tier 4) rate. There would be no charge for fireline water usage required for actual firefighting usage. Raftelis supports this proposal.

Table 21: Proposed FY 2025-26 Private Fireline Charges

Private Fireline Size	Number of Lines	Potential Demand Based on Pipe Diameter (1)	Customer Related Costs (2)	Private Fire O&M Peaking Costs (3)	Capital Cost Component (4)	FY 2025-26 Rates (Noticed But not Implemented)	Total Revenue
1"	16	1.00	\$7.70	\$0.17	\$0.23	\$8.10	\$1,555
2"	1,043	6.19	\$7.70	\$1.08	\$1.42	\$10.20	\$127,663
3"	32	17.98	\$7.70	\$3.13	\$4.12	\$14.95	\$5,741
4"	1,080	38.32	\$7.70	\$6.67	\$8.78	\$23.15	\$300,024
6"	1,210	111.31	\$7.70	\$19.38	\$25.51	\$52.60	\$763,752
8"	1,088	237.21	\$7.70	\$41.30	\$54.36	\$103.35	\$1,349,338
10"	150	426.58	\$7.70	\$74.27	\$97.76	\$179.75	\$323,550
11"	1	548.10	\$7.70	\$95.43	\$125.61	\$228.75	\$2,745
12"	2	689.04	\$7.70	\$119.96	\$157.91	\$285.60	\$6,854
Total	4,622						\$2,881,222
						Fire Flow Testing Revenue	\$45,600
						Total Fireline Revenue	\$2,926,822

- (1) Potential demand based on the Hazen-Williams Equation which estimates flow based on factors such as pipe diameter, friction and the velocity of flow.
- (2) \$11,738,937 customer related operating costs/126,987 bills = \$7.70.
- (3) \$1,059,472 peaking costs/507,113 private fire demand units = \$0.17. For pipe diameters > 1", \$0.17 is increased by the potential demand based on pipe diameter (Hazen-Williams).
- (4) \$2.50 capital cost for a 1" meter equivalent * 3.19 MEUs x 2.9% allocation to private firelines = \$0.23. For pipe diameters > 1", \$0.23 is increased by potential pipe diameter (Hazen-Williams).

4.3.6. PUBLIC FIRE HYDRANT WATER SERVICE COSTS

Fire hydrant water service is a component of water service and is one of several property-related services that aids in the provision of fire service provided to properties. To meet fire protection demands, the District must design, operate, and maintain a water system that meets peak fire demand requirements. Land developers typically install or pay for the fire hydrants and related infrastructure as part of a condition of approval imposed by a land-use agency (city or county) to ensure the availability of an adequate water supply to protect the homes and commercial or industrial facilities that will be constructed pursuant to the land-use approvals. These are property related expenses as defined by Government Code Section 53750.5 b. which says:

“The fees or charges for property-related water service imposed or increased pursuant to Section 6 of Article XIII D of the California Constitution may include the costs to construct, maintain, repair, or replace hydrants as needed or consistent with applicable fire codes and industry standards, and may include the cost of water distributed through hydrants. In addition to any other method consistent with Section 6 of Article XIII D of the California Constitution, fees or charges for the aspects of water service related to hydrants and the water distributed through them may be fixed and collected as a separate fee or charge, or included in the other water rates and charges fixed and collected by a public agency, as provided for in Section 53069.9 of the Government Code.”

The District recovers all its potable water fixed operating costs, including the cost of maintaining and testing public fire hydrants, through its monthly meter service charge. The recovery of public fire protection costs through the District's monthly meter service charge allocates the cost of maintaining these assets to the properties that will benefit from their availability if these resources are used. This provides a fair and equitable allocation of the associated costs and it is consistent with Proposition 218 requirements.

5. SEWER COST OF SERVICE

As is the case with its potable water, the District separates the components of its annual sewer revenue requirement from rates into three specific types of costs: variable operating costs, fixed operating costs, and replacement and enhancement costs. However, as described in Section 5.1.1 below, the rate structure used to recover these costs differs from that of potable water service.

Sewer growth-related capital costs (i.e., capital costs that increase system capacity to serve new customers) are not recovered through monthly sewer service rates. Instead, they are recovered via ad valorem property tax assessments and connection fees. This study did not include a review of the growth-related capital costs or their recovery.

5.1. FY 2026-25 Sewer Revenue Requirement

The FY 2025-26 sewer revenue requirement was determined to be \$77,973,003 (see tables 22 and 23). Of this amount, \$27,832,222 (35.7%) is associated with variable costs that are incurred to treat sewage for discharge. These costs vary with the amount of water used by customers that returns to the District's sewage treatment facilities and is recovered through IRWD's commodity rates. The District separates operational expenses between sewage treatment and recycled production with tertiary treatment and similar processes included in the cost for recycled water. Table 22 shows the FY 2025-26 sewer variable cost revenue requirement.

Table 22: FY 2025-26 Sewer Variable Cost Revenue Requirement

Revenue Requirement Component	Amount
Variable Operating Costs	
Sewage Treatment	\$11,712,793
Biosolids Treatment	11,792,321
OC San Treatment and Disposal	4,673,296
Gross Variable Cost Revenue Requirement	\$28,178,410
Revenue Requirement Offsets	
Direct Billing Revenue and FOG	\$346,188
Total Revenue Requirement Offsets	\$346,188
Net Variable Revenue Requirement from Rates	\$27,832,222

Fixed costs do not vary with the volume of water used by customers and returned to the District's wastewater treatment facilities. The fixed cost portion of the total FY 2025-26 revenue requirement was \$50,140,781 (64.3%). Table 23 provides a detail of the FY 2025-26 sewer fixed cost revenue requirement.

Table 23: FY 2025-26 Sewer Fixed Cost Revenue Requirement

Revenue Requirement Component	Total
Fixed Operating Costs	
Sewage System Monitoring and Fixed Costs	\$11,866,513
Biosolids Fixed Operating Costs	6,302,931
OC San Sewage Fixed Costs	1,000
Customer Service	\$2,909,548
Fleet	1,057,270
General Plant	541,791
Building Maintenance	\$1,200,817
Total Fixed Operating Costs	\$23,879,870
Replacement and Enhancement Capital Costs	
Replacement	\$25,319,749
Enhancement	1,564,833
Total Capital Costs	\$26,884,582
Gross Fixed Cost Revenue Requirement	\$50,764,452
Revenue Offsets	
Direct Billing Revenue and FOG	\$623,671
Total Revenue Offsets	\$623,671
Net Fixed Revenue Requirement from Rates	\$50,140,781

5.1.1. SEWER COST RECOVERY (RATE DESIGN)

The District recovers its sewer revenue requirement's variable and fixed components through a rate structure with three fixed consumption blocks. Unlike water, most sewer discharges to the collection system are not metered. Therefore, blocks are determined by engineering estimates of wastewater flow to the sewer system. The District uses the average of the three lowest water service meter readings during the twelve-month period ending December 31 to adjust for monthly anomalies in a ratepayer's water use and seasonal variations. Indoor potable water usage generates sewage flows. In order to identify this demand, the District targets the lowest three months of potable demand, to estimate each customer's impact on the sewer system. The lowest water service meter readings typically reflect indoor potable water usage during the winter wet season, when outdoor landscape irrigation is low or inactive. The block breakpoints are based on a review of historical data for average usage during cooler months (November through March from FY 2022 through FY 2024) because of the limited demand for landscape during winter months.

The analysis identified that the average usage for all multi-family units was 5 ccf which aligns with the first block. The second block includes average usage below 10 ccf as single-family residential customers averaged 10 ccf during the same low usage months. The third block, which includes all commercial, industrial, and institutional (CII) customers, exceeds 10 ccf. (The average usage for CII customers exceeds 10 ccf.) Non-residential/CII customers with billed water consumption of more than 10 ccf per month pay an additional commodity rate (\$/ccf).

Table 24 shows proposed residential and non-residential sewer rates for FY 2025-26.

5.1.2. PROPOSED MODIFICATION TO COLLECTION ONLY RATES

The District provides sewer collection-only service to approximately 3,300 customers. The sanitary discharges of these customers are not treated by the District but are conveyed to an adjacent agency. The rate paid by collection-only customers is currently calculated and billed on a *per account* basis. This can result in the District recovering revenue from high volume dischargers that may be less than the costs incurred to provide service. The District is

proposing to calculate and bill the collection-only rate on a *per equivalent dwelling unit* basis. This change, especially for high volume dischargers, will result in an improved alignment of the costs incurred to provide service and actual revenue recovery. Raftelis supports this modification. The sewer rates for collection-only service shown in this section of the report (Table 29) reflect this change.

Table 24: FY 2025-26 Sewer Rate Structure and Rates

Rate/Charge	FY 2025-26 Rates (Noticed but Not Implemented)
Residential Fixed Monthly Charge	
Residential Fixed Charge Tiers	
Block 1: Average Water Usage < 5 ccf per month	\$28.80
Block 2: Average Water Usage between 5 and 10 ccf per month	\$37.00
Block 3: Average Water Usage > 10 ccf per month	\$43.45
Residential Collection Only Service	\$13.05
Residential Treatment Only Service	\$23.95
Non-Residential Monthly Rates	
Monthly Fixed Charge (Discharges <= 10 ccf per month)	\$43.45
Commodity Rate (\$/ccf for Discharges > 10 ccf per month)	\$3.94

The first step in the sewer cost-of-service process is to determine the projected FY 2025-26 customer units of service (equivalent dwelling units and demand) for the collection and treatment functions. Table 25 provides a summary of these units of service values.

Table 25: FY 2025-26 Sewer Units of Service

Customer Type	Block 1	Block 2	Block 3	Usage > 10	Total
Collection (All Customers Receiving Collection Service)					
Dwelling Units	101,586	56,387	14,353		172,326
Sewer Flows (ccf)	3,900,902	4,736,508	1,722,360	2,938,122	13,297,892
Treatment (All Customers Receiving Collection and Treatment Service) ¹					
Dwelling Units	100,489	55,153	13,367		169,009
Sewer Flows (ccf)	3,858,778	4,632,852	1,604,040	2,825,701	12,921,370

After determining the sewer units of service, the fixed and variable revenue requirement components for both the collection and treatment functions are determined. Table 26 summarizes the outcome of this process.

Table 26: FY 2025-26 Sewer Fixed and Variable Costs

Total Sewer Cost	Fixed	Variable	Total
Sewer Operational Expenses	\$23,879,870	\$28,178,410	\$52,058,280
Enhancement & Replacement	\$26,884,583		\$26,884,583
Revenue Offsets			
Misc/Fats, Oil & Grease (FOG) Revenue	(\$329,709)	(\$183,016)	(\$512,725)
Other Direct Billing Revenue	(\$293,962)	(\$163,173)	(\$457,135)
Total Sewer Service Costs	\$50,140,781	\$27,832,221	\$77,973,003
Total Sewer Service Cost			
Sewer Operational Expenses	\$23,586,491	\$27,832,221	\$51,418,713
Enhancement & Replacement	\$26,554,290		\$26,554,290
Total Sewer Service Costs	\$50,140,781	\$27,832,221	\$77,973,003
Collection			
Sewer Operational Expenses	\$14,151,895	\$0	\$14,151,895
Enhancement & Replacement	\$15,932,574	\$0	\$15,932,574
Total Collection Costs	\$30,084,469	\$0	\$30,084,469
Treatment			
Sewer Operational Expenses	\$9,434,597	\$27,832,221	\$37,266,818
Enhancement & Replacement	\$10,621,716	\$0	\$10,621,716
Total Treatment Costs	\$20,056,312	\$27,832,221	\$47,888,534

The next step in the process is to determine the fixed and variable unit cost of service for the collection and treatment functions. Table 27 shows the outcome of the unit cost of service calculation process for the fixed components of the collection and treatment revenue requirements.

Table 27: FY 2025-26 Fixed Cost Unit Cost of Service

Fixed Allocation	Discharge	Allocation	Cost Allocation	Unit Cost of Service	Unit of Measure
Collection					
O&M Allocated to Fixed Charge	10,359,770	78%	\$11,025,084	\$5.33	per account
Capital Allocated to Fixed Charge		100%	\$15,932,574	\$7.70	per account
O&M Allocated to Discharge >10 ccf	2,938,122	22%	\$3,126,811	\$1.06	per ccf
Capital Allocated to Discharge >10 ccf		0%			
Total	13,297,892	100%	\$30,084,469		
Treatment					
O&M Allocated to Fixed Charge	10,095,670	78%	\$7,371,399	\$3.63	per account
Capital Allocated to Fixed Charge		100%	\$10,621,716	\$5.24	per account
O&M Allocated to Discharge >10 ccf	2,825,701	22%	\$2,063,198	\$0.73	per ccf
Capital Allocated to Discharge >10 ccf		0%			
Total	12,921,370	100%	\$20,056,312		

Table 28 shows the outcome of the unit cost of service calculation process for the variable cost component of the FY 2025-26 revenue requirement.

Table 28: FY 2025-26 Variable Cost Unit Cost of Service

Variable Allocation	Discharges (ccf)	Cost Allocation	Unit Cost of Service	Unit of Measure
Collection Costs Allocated to the Variable Rate	13,297,892	\$0	\$0.00	per ccf

Treatment Costs Allocated at the Variable Rate	12,921,370	\$27,832,221	\$2.15	per ccf
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After calculating the fixed and variable unit cost of service for collection and treatment functions, proposed FY 2025-26 rates can be determined for collection only service, treatment only service, and consolidated treatment and collection service. Tables 29 - 31 show the calculation of proposed FY 2025-26 Residential Sewer rates.

Table 29: Proposed FY 2025-26 Residential Collection-Only Monthly Fixed Charge

	A	B	C	D = B+C	E
Sewer Fixed Charge Tier	Avg Monthly CCF' Discharges	O&M Allocated to Fixed Charge	Capital Allocated to Fixed Charge	Total Rate	FY 2025-26 Rates (Noticed but Not Implemented)
Block 1: Average Water Usage < 5 ccf per month	3.2	\$5.33	\$7.70	\$13.04	\$13.05
Block 2: Average Water Usage between 5 and 10 ccf per month	7.0	\$5.33	\$7.70	\$13.04	\$13.05
Block 3: Average Water Usage > 10 ccf per month	10.0	\$5.33	\$7.70	\$13.04	\$13.05

Table 30: Proposed FY 2025-26 Residential Treatment-Only Monthly Fixed Charge

	A	B	C=A*B	D	E	F=C+D+F	G
Sewer Fixed Charge Tier	Avg Monthly CCF Discharges	Treatment Variable Rate	Treatment Component	O&M Allocated to Fixed Charge	Capital Allocated to Fixed Charge	Total Rate	FY 2025-26 Rates (Noticed but Not Implemented)
Block 1: Average Water Usage < 5 ccf per month	3.2	\$2.15	\$6.89	\$3.63	\$5.24	\$15.76	\$15.75
Block 2: Average Water Usage between 5 and 10 ccf per month	7.0	\$2.15	\$15.08	\$3.63	\$5.24	\$23.95	\$23.95
Block 3: Average Water Usage > 10 ccf per month	10.0	\$2.15	\$21.54	\$3.63	\$5.24	\$30.41	\$30.40

Table 31: Proposed Residential FY 2025-26 Treatment and Collection Monthly Fixed Charge

	A	B	C	D = B+C	E
Sewer Fixed Charge Tier	Avg Monthly CCF' Discharged	Collection Only Component	Treatment Only Component	Total Rate	FY 2025-26 Rates (Noticed but Not Implemented)
Block 1: Average Water Usage < 5 ccf per month	3.2	\$13.04	\$15.76	\$28.80	\$28.80
Block 2: Average Water Usage between 5 and 10 ccf per month	7.0	\$13.04	\$23.95	\$36.99	\$37.00
Block 3: Average Water Usage > 10 ccf per month	10.0	\$13.04	\$30.41	\$43.45	\$43.45

Table 32 shows the proposed FY 2025-26 Non-Residential sewer rates which include a fixed component which consists of a fixed charge (the Block 2 treatment only fixed charge) and a variable commodity rate.

Table 32: Proposed FY 2025-26 Non-Residential Rates

Rate/Charge	A	B	C = A+B	D
	Variable Collection Component	Variable Treatment Component	Total	FY 2025-26 Rates (Noticed but Not Implemented)
Commodity Rate (\$/ccf)	\$1.06	\$2.88	\$3.94	\$3.94
Monthly Fixed Charge				\$43.45

6. RECYCLED WATER COST OF SERVICE

The method used by the District to develop recycled water rates is similar to that of potable water service (see Section 4 of this report) with one significant difference. The District does not calculate unique monthly meter service charges for recycled water. Instead, the monthly service charges for recycled water are set to the same as those charged for the potable water monthly meter service charge. The District takes this approach due to an imbalance between variable and fixed costs in the overall recycled water revenue requirement. This reallocation of fixed costs to variable revenue recovery through commodity rates is discussed in Section 6.1.2 below.

6.1.1. RECYCLED WATER BUDGET RATE STRUCTURE

Section 4.5.1 of this report provides a detailed discussion of the derivation of the District's water budget rate structure for landscape customers who purchase recycled water. Table 33 shows the consumption tier breakpoints employed to recover the variable costs incurred to provide service.

Table 33: FY 2025-26 Landscape Water Budget Rate Structure and Commodity Rates

Usage Tier	Consumption Tiers	FY 2025-26 Rates (\$/ccf) (Noticed but Not Implemented)
Tier 1: Low Volume	0 - 40% of budget	\$1.38
Tier 2: Base	41 - 100% of budget	\$2.39
Tier 3: Inefficient	101 - 160% of budget	\$5.43
Tier 4: Wasteful	161% + of budget	\$9.93

Section 4.6.1 of this report provides a detailed discussion of the derivation of the District's water budget rate structure for commercial customers who purchase recycled water. The base rate for these customers is the cost to produce recycled water. These customers are charged the wasteful tier rate when they exceed their budget.

6.1.2. FY 2025-26 RECYCLED WATER REVENUE REQUIREMENT

The District's recycled water revenue requirement from rates is \$39,692,626. Prior to any adjustments, the composition of this revenue requirement is variable costs of \$21,862,775 (55.1%) and fixed costs of \$17,829,850 (44.9%). The District established the monthly fixed charge unit cost as being \$14.90 per 5/8" meter equivalents in the potable water cost allocation and rate design process (see Table 20 in Section 4.3.3). Due to the high percentage of fixed costs identified in the recycled water revenue requirement, the District reallocates a portion of fixed costs not recovered by monthly meter service charges (\$8,304,912) into the variable cost revenue requirement. The total fixed costs include costs that can be included with variable expenses such as the cost for transporting recycled water to reservoirs (\$2,080,000). These costs are included in the recycled system and recycled revenue provides the funding which is consistent with Proposition 218 requirements. This strategy provides a fair and equitable application of these costs without deterring usage.

Raftelis concludes that the District's recycled water rates are compliant with Proposition 218 as the overall level of revenue recovery from recycled water customers remains proportionate to the total cost of providing service. Tables 34 and 35 provide a detail the FY 2025-26 variable and fixed recycled water revenue requirement before and after this reallocation.

Table 34: FY 2025-26 Recycled Water Variable Cost Revenue Requirement

Revenue Requirement Component	Amount
Water Supplies	
Untreated Water Purchases	\$5,771,643
Recycled Water Tertiary Treatment Michelson	\$10,791,325
El Toro Groundwater	\$3,463,509
Total Cost of Water Supplies	\$20,026,476
Conservation and Supply Reliability	
Natural Treatment System	\$1,405,351
Universal Conservation	\$111,423
Targeted Conservation	\$319,525
Total Conservation and Supply Reliability Costs	\$1,836,299
Total Variable Cost Revenue Requirement Before Adjustment	\$21,862,775
Adjustment to Reflect Reallocated Fixed Costs	\$8,304,912
Total Variable Cost Revenue Requirement After Adjustment	\$30,167,687

Table 35: FY 2025-26 Recycled Water Fixed Cost Revenue Requirement

Revenue Requirement Component	Total
Fixed Operating Costs	
System Maintenance and Monitoring	\$14,749,942
Customer Service	\$1,745,729
Fleet	\$72,915
Building Maintenance	\$720,490
General Plant	\$541,791
Total Fixed Operating Costs	\$17,830,867
Replacement and Enhancement Capital Costs	
Enhancement	\$1,098,064
Replacement	\$336,633
Total Capital Costs	\$1,434,697
Gross Fixed Cost Revenue Requirement	\$19,265,564
Revenue Requirement Offsets	
Pumping	\$949,345
Miscellaneous Revenues	\$486,369
Total Revenue Requirement Offsets	\$1,435,714
Total Fixed Cost Revenue Requirement Before Adjustment	\$17,829,850
Adjustment to Reflect Reallocated Fixed Costs	(\$8,304,912)
Net Fixed Revenue Requirement from Rates After Adjustment	\$9,524,939

6.1.3. VARIABLE COST RECOVERY - COMMODITY RATES

The method used to determine recycled water commodity rates is similar to that used for potable water. In FY 2025-26, the District's projected total recycled water demand is 31,971-acre feet based on historical demand, customer growth factors and other relevant factors. Table 36 provides a detail of the FY 2025-26-unit cost of water supplies (\$/ccf) from each supply source using the District's cost and demand data. Note that the net cost shown in each column include the reallocation of fixed costs of \$8,304,912 discussed above.

Table 36: Unit Cost of FY 2025-26 Recycled Water Supplies

Metric	Produced from Treatment Plant	Processed from EI Toro Remediation	Imported	Total
Net Cost	\$14,943,781	\$4,294,000	\$9,093,608	\$28,331,388
Acre Feet	24,890	3,030	4,051	31,971
Unit Cost per ccf (1)	\$1.38	\$3.25	\$5.15	

(1) Acre feet is multiplied by 435.6 to convert to CCF.

The District allocates the lower cost water supplies to the low volume and base consumption tiers with higher cost water supplies being allocated to the inefficient and wasteful tiers. Table 37 details this allocation for FY 2025-26 using cost and demand data provided by the District.

The general formula used to determine the water budget for a landscape customer served by a recycled water connection is discussed in detail in 4.1.5.

Landscape Customer Served by a Recycled Water Connection (ccf) =
*Irrigated Landscape Area (1) * Evapotranspiration (ET) Rate (2) * 0.87 ET Adjustment Factor (3) * 36.3 Conversion Factor (4)*

(1) Area measured in acres.
 (2) Evapotranspiration rate during each day of the monthly billing cycle based on actual temperature, humidity, and other factors.
 (3) Adjustment factor assuming 100% efficient warm season turf, and 25% irrigation system inefficiency.
 (4) 36.3 is a factor that converts acre-inches of water to one hundred cubic feet (ccf).

Table 37: Allocation of Recycled Water Supplies to Consumption Tiers for Landscape Customers

Metric	Produced from Treatment Plant	Processed from EI Toro Remediation	Imported	Total Acre Feet	Unit Cost per \$/ccf by Tier (1)
Unit Cost (Table 36)	\$1.38	\$3.25	\$5.15		
T1: Low Volume	15,458	0	0	15,458	\$1.38
T2: Base	9,432	3,030	1,904	14,367	\$2.27
T3: Inefficient	0	0	1,246	1,246	\$5.15
T4: Wasteful	0	0	901	901	\$5.15
Total	24,890	3,030	4,051	31,971	

(1) The Unit Cost per \$/ccf by TIER is the blended cost of the sources.
 Example: T2 = $((9,432 * 435.6 * \$1.38) + (3,030 * 435.6 * \$3.25) + (1,904 * 435.6 * \$5.15)) / (14,367 * 435.6) = \2.27

Having determined the unit cost of recycled water supplies by consumption tier for landscape customers as shown in Table 37 above, the District then allocates the cost of conservation programs and supply reliability programs, as shown in Table 34, to the appropriate water budget tiers.

Universal conservation costs are added to the commodity rate in the base, inefficient, and wasteful tiers to pay for conservation program costs that help customers in each of these tiers achieve efficient use of recycled water. This cost is not included in the low volume rate since customers who remain in this usage tier do not need assistance to efficiently use water.

Targeted conservation costs reflect programs specifically designed to encourage efficient water practices of customers whose usage reaches the wasteful tier. Costs are allocated to the wasteful tier based on expected usage.

Natural treatment system costs are incurred by the District to deal with urban water runoff produced by customers whose usage exceed their water budgets. The costs include prevention, control and treatment of the runoff of water from irrigation and other uses. These costs are added to the commodity rates of customers in the inefficient and wasteful tiers. Costs are allocated based on the expected usage in each tier.

Table 38 shows the outcome of derivation of the unit costs for the District's conservation and supply reliability programs.

Table 38: FY 2025-26 Conservation and Supply Reliability Unit Costs (\$/ccf)

Program	FY 2025-2026 Revenue Requirement (A)*	FY 2025-26 Units of Demand (ccf) (B)	Demand Adjustment Factor for Price Elasticity (C)	FY 2025-26 Adjusted Units of Demand B x C = (D)	Unit Cost Included in FY 2025-26 Commodity Rates A ÷ D = (E)
Universal Conservation	\$111,423	935,188	100%	935,188	\$0.12
Targeted Conservation					
Inefficient tier	\$79,881	542,810	90%	488,529	\$0.16
Wasteful tier	\$239,644	392,378	90%	353,140	\$0.68
Natural Treatment System					
Inefficient tier	\$0	542,810	90%	488,529	\$0.00
Wasteful tier	\$1,405,351	392,378	90%	353,140	\$3.98

*See Table 34

Having determined the unit cost of recycled water supplies by consumption tier as shown in Table 37 and the unit cost of conservation and supply reliability in Table 38, the District must then allocate the cost of conservation programs and supply reliability programs to each conservation tier. Table 39 shows the outcome of this process as determined by Raftelis using the District's cost and demand data. As can be seen in Table 39, there are differences in the FY 2025-26 commodity rates calculated by Raftelis and the FY 2025-26 commodity rates originally published by the District in its Proposition 218 notice. These differences can be attributed to recommended minor cost allocation adjustments.

Table 39: FY 2025-26 Recycled Water Commodity Rates (\$/ccf)

Consumption Tier	Unit Cost of Water Supplies (Table 37)	Unit Cost of Universal Conservation (Table 38)	Unit Cost of Targeted Conservation (Table 38)	Unit Cost of Natural Treatment System (Table 38)	FY 2025-26 Rates (Noticed but Not Implemented)
T1: Low Volume	\$1.38				\$1.38
T2: Base	\$2.27	\$0.12			\$2.39
T3: Inefficient	\$5.15	\$0.12	\$0.16	\$0.00	\$5.43
T4: Wasteful	\$5.15	\$0.12	\$0.68	\$3.98	\$9.93

6.1.4. FIXED COST RECOVERY - MONTHLY METER SERVICE CHARGE

Recycled water fixed charges are the same as potable water fixed charges (see Table 20 in Section 4.3.3). The costs allocation included in generating the fixed service charge align with the potable system strategy on a smaller scale but the number of accounts covering this cost is significantly lower in the recycled system (approximately 130,000 potable customers to 6,700 recycled customers). A portion of the fixed costs are reallocated to the tiered commodity sales as identified in Section 6.1.2.