

AGENDA
 IRVINE RANCH WATER DISTRICT
 WATER RESOURCES POLICY AND COMMUNICATIONS
 COMMITTEE MEETING
 MONDAY, AUGUST 7, 2023

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 Webex: <https://irwd.webex.com/irwd/j.php?MTID=md7cf6702d707c5ea0bcd3999741f1dc1>
 Meeting Number (Access Code): 2490 370 6201
 Meeting Password: BntcPgF74K3

As courtesy to the other participants, please mute your phone when you are not speaking.

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

CALL TO ORDER 2:00 p.m.

ATTENDANCE Committee Chair: Steve LaMar _____
 Member: John Withers _____

<u>ALSO PRESENT</u>	Paul Cook	_____	Paul Weghorst	_____
	Wendy Chambers	_____	Cheryl Clary	_____
	Fiona Sanchez	_____	Jim Colston	_____
	Christine Compton	_____	Kellie Welch	_____
	Mark Tettermer	_____	Amy McNulty	_____
	John Fabris	_____	Michael Van Dyke	_____
	_____	_____	_____	_____
	_____	_____	_____	_____

PUBLIC COMMENT NOTICE

If you wish to address the Committee on any item, please submit a request to speak via the “chat” feature available when joining the meeting virtually. Remarks are limited to three minutes per speaker on each subject. Public comments are limited to three minutes per speaker on each subject. You may also submit a public comment in advance of the meeting by emailing comments@irwd.com before 8:00 a.m. on August 7, 2023.

COMMUNICATIONS

1. Notes: Weghorst
2. Public Comments
3. Determine the need to discuss and/or take action on item(s) introduced that came to the attention of the District subsequent to the agenda being posted; and determine which items may be approved without discussion.

INFORMATION

4. EVAPOTRANSPIRATION ZONE BOUNDARY REVISIONS – MCNULTY / SANCHEZ / WEGHORST

Recommendation: Receive and file.

ACTION

5. ACWA COMMITTEE NOMINATIONS FOR THE 2024-25 TERM – COMPTON

Recommendation: That the Board authorize the District to submit the Association of California Water Agencies Committee Consideration Form for Board and staff committee appointment nominees for the 2024-2025 term.

6. 2022-2023 ORANGE COUNTY GRAND JURY REPORT RESPONSE TO “HISTORIC RAIN, YET DROUGHT REMAINS” – COMPTON

Recommendation: That the Board authorize the General Manager to provide the Presiding Judge of the Superior Court with the proposed response to Finding F1, Finding F2, Finding F3, Finding F4, Finding F5, Finding F6, Finding F7, Finding F8, Finding F9, Finding F10, Finding F11, Finding F12, Recommendation R2, and Recommendation R4 of the 2022-2023 Orange County Grand Jury report titled “*Historic Rain, Yet Drought Remains.*”

7. 2023 LEGISLATIVE AND REGULATORY UPDATE – COMPTON

Recommendation: That the Board adopt “support” positions on H.R. 3966 (Garcia/Oberholte), S. 2162 (Feinstein), and S. 2203 (Padilla).

ACTION, Continued

8. ANNUAL REVIEW OF IRWD ASSOCIATION MEMBERSHIPS AND AFFILIATIONS – VAN DYKE / COMPTON

Recommendation: That the Committee review and discuss the current list of IRWD association memberships and association and sponsorship opportunities.

OTHER BUSINESS

9. Directors' Comments

10. Adjourn


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 Committee in connection with a matter subject to discussion or consideration at an open meeting of the Committee 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 Committee 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 Committee 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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August 7, 2023

Prepared by: A. McNulty

Submitted by: F. Sanchez / P. Weghorst

Approved by: Paul A. Cook 

WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

EVAPOTRANSPIRATION ZONE BOUNDARY REVISIONS

SUMMARY:

Since implementation of IRWD's budget-based rate structure in 1991, IRWD has relied on information from three weather stations to calculate evapotranspiration (ET) data that are used to calculate the outdoor portion of each customer's water budget. Each weather station is in one of three ET Zones: one in the cooler coastal area, another in the drier and hotter foothill area, and one in a central zone between the other areas. Staff reviewed the ET data from the three weather stations and compared the data to the ET Zone boundaries. Based on the findings of this review, staff has made minor revisions to the zone boundaries, as presented in this document. These changes are expected to have minimal impact to customer bills.

BACKGROUND:

Since 1991, ET data have been computed daily and entered into the District's billing system to calculate the outdoor portion of each customer's water budget. ET data are compiled from three weather stations that collect information on temperature, relative humidity, solar radiation, wind speed, and direction. The IRWD weather stations are located to best represent the three climatic zones within IRWD named Coastal Zone 1, Central Zone 2, and Foothill Zone 3 and as shown on Exhibit "A". Each IRWD customer account is assigned one of the three zones based on the location of their meter.

Technical Review of Data Sources and ET Zones:

In 2023, IRWD retained experts from the University of California at Davis to perform a technical review of ET data associated with the three weather stations and the ET Zone boundaries used for customer billing. The review was conducted in response to continued development in IRWD's service area, the availability of other potential ET data sources, and potential changes in climate conditions. In performing the work, UC Davis applied the same methodology for defining climate zones used by the Department of Water Resources (DWR) for the entire state of California.

UC Davis prepared the report that is provided as Exhibit "B". The report recommended that minor revisions be made to IRWD's ET Zone boundaries. UC Davis found that while use of DWR's Spatial California Irrigation Management Information System (CIMIS) data would provide an acceptable alternative data source for IRWD, integrating it into IRWD billing practices would increase billing complexity and provide minimal benefits. Accordingly, the use of Spatial CIMIS data will not be pursued at this time. Staff is implementing the ET Zone boundary changes recommended by UC Davis with minor modifications as described below.

ET Zone Boundary Revisions:

The revised ET Zones recommended by UC Davis for the IRWD service area are shown in Figure 7 of their report. The zone recommendations do not follow natural delineations such as rivers or major roadways and cut across wilderness areas, and in some cases through the middle of neighborhoods. For ease of implementation and customer communication, staff refined the recommended Foothill boundary to align with the 241 Toll Road and Portola Parkway on the east side. Staff also revised the recommendation to maintain the existing Coastal boundary which aligns with the 73 Toll Road. The resulting revised ET Zone map is provided as Exhibit “C”.

Customer Impacts and Outreach:

Bills for 4,925 customers will be affected by the ET Zone revisions. Residential outdoor water budgets typically represent less than 50% of a residential customer’s total water budget. The expected impact of the revisions to the ET Zone boundaries is not expected to result in a change to a typical residential monthly budget of more than 1 ccf (hundred cubic feet) in any monthly billing cycle. When implementing the ET Zone revisions, staff will also be correcting numerous customer accounts that are currently assigned to an incorrect ET Zone in IRWD’s Customer Care and Billing system.

Staff will develop a customer outreach and assistance plan to help customers who may be affected by the ET Zone boundary refinements and billing assignment corrections. Prior to the new ET Zone assignments taking effect, staff will provide one-on-one assistance, information on water efficiency programs, and other resources to help over-allocation customers reduce their usage. The new ET Zone billing assignments will begin in August 2023 and go live in November 2023.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act.


RECOMMENDATION:

Receive and file.

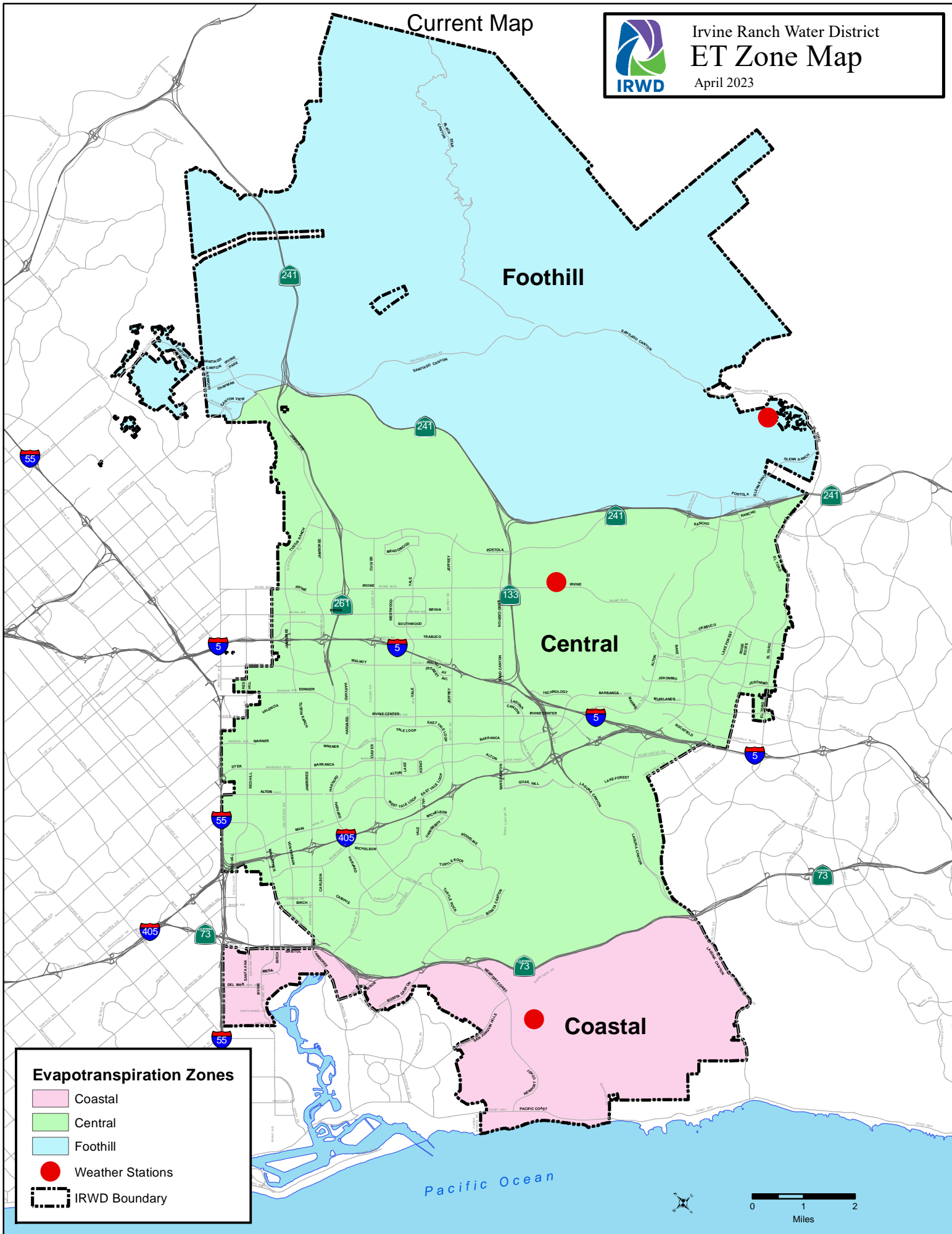
LIST OF EXHIBITS:

Exhibit “A” – Report on Potential Changes to the IRWD Evapotranspiration Data Source
Exhibit “B” – Current ET Zone Boundaries and Weather Station Locations
Exhibit “C” – Revised ET Zone Boundaries with Weather Station Locations






Current Map



Irvine Ranch Water District
ET Zone Map
 April 2023



Evapotranspiration Zones

-  Coastal
-  Central
-  Foothill
-  Weather Stations
-  IRWD Boundary



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Report on potential changes to the Irvine Ranch Water District evapotranspiration data source



PREPARED BY:
Prof. Erwan Monier

PREPARED FOR:
Irvine Ranch Water District

July 18, 2023

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Background

“The Irvine Ranch Water District provides high-quality drinking water, reliable sewage collection and treatment, drought-proof recycled water, and environmentally sound urban runoff treatment for approximately 422,000 residents in central Orange County, California.

IRWD encompasses 181 square miles extending from the Pacific Coast to the foothills and serving Irvine and portions of Costa Mesa, Lake Forest, Newport Beach, Orange, Tustin and unincorporated areas of Orange County.

Established in 1961 as an independent special district organized under the California Water District Code, IRWD is governed by a five-member, publicly elected Board of Directors responsible for the District’s policies and decision-making. Day-to-day operations are supervised by the General Manager and District staff.”

“IRWD uses a budget-based conservation rate structure, which offers property-specific water budgets and tiered pricing to provide customers with economic incentives for efficient water use. Customized and equitable water budgets are established for each customer account based on a variety of factors including: type of home or business, irrigated landscape area, daily weather data and number of residents in a home. Customers who use water within their budget purchase water in the lower tiers and enjoy low water bills. Customers who use water in excess of their budget receive a strong pricing signal indicating inefficient or wasteful use.”

To determine the water budget for each day of the year, IRWD uses evapotranspiration, also known as ET, which is the amount of water needed by turfgrass to remain healthy. To calculate ET, IRWD uses weather station data to estimate daily Reference Evapotranspiration (ET_o), a standard metric to determine water requirements for vegetation, which can then be used to calculate ET. IRWD operates three weather stations, each located in one of the three representative ET zones (Coastal, Central and Foothill) of the district. Weather stations are maintained on a monthly basis by the same contractor the California Department of Water Resources uses to maintain its weather stations. In addition, the sensors that collect data inputs for the ET calculation, are calibrated by Western Weather twice a year. Equipment is upgraded as needed based on the recommendations from both maintenance companies. The weather station data is electronically transmitted daily to IRWD where it is used in a formula to calculate customer water budgets. As such IRWD's billing system relies on accurate weather station data to provide customers with site-specific budgets to ensure that their landscaping receives sufficient water.

Given that the boundaries of the three ET zones within IRWD were established in the 1990’s, and with the availability of new datasets of ET_o, this study aims to provide recommendations on potential updates in the ET data sources that are available today and ET zone boundaries.

Introduction

Reference evapotranspiration (ET_o) is a standard and useful metric to determine water requirements for vegetation and irrigation scheduling. To assist California irrigators in managing their water resources more efficiently, the California Department of Water Resources (DWR) developed the California Irrigation Management Information System (CIMIS) program. CIMIS manages a network of over 145 automated weather stations in California that provides estimates of daily ET_o.

In 1999, DWR also developed a California ET_o zones map, which divides California into 18 zones based on long-term monthly average ET_o from CIMIS weather stations. The ET_o zone classification may be used to help in urban and agricultural water management planning and water budgeting, as well as designing irrigation systems, and planning irrigation schedules. The ET_o zones map is the basis for the division of IRWD into three ET zones (see Figure 1).

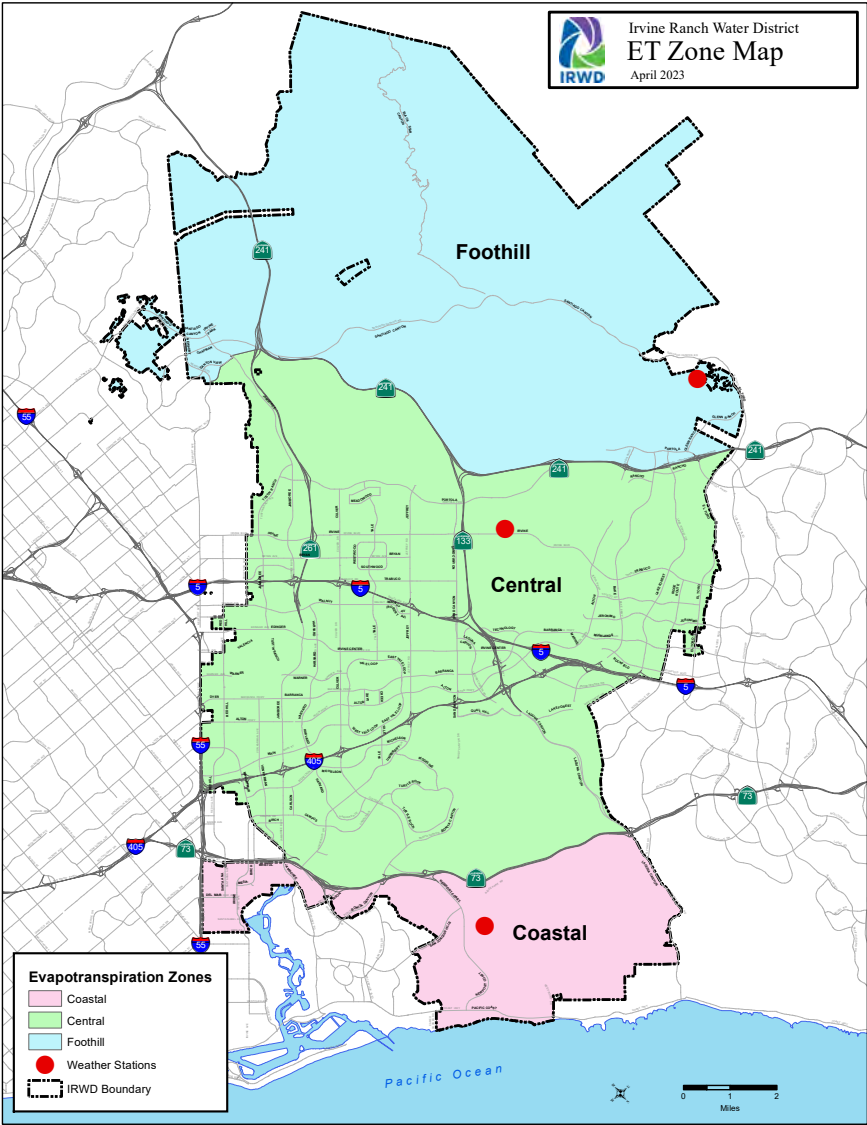


Figure 1. ET zone map for IRWD, dividing the water district into three zones (Coastal, Central and Foothill), and identifying the location of the three IRWD weather stations used to calculate the daily ET for each zone.

Because many regions within the state lack a representative CIMIS station, DWR further developed Spatial CIMIS. Spatial CIMIS integrates weather station measurements, remote sensing data from the National Oceanic and Atmospheric Administration's (NOAA) Geostationary Operational Environmental Satellite (GOES) and statistical techniques to produce a gridded dataset of daily ETo at a 2 km spatial resolution over the entire state. Spatial ETo data are available from 2003 to present.

Methodology & Findings

First, we evaluate Spatial CIMIS ETo data with IRWD weather station ETo data. Second, we explore using Spatial CIMIS ETo data with machine learning approaches to develop a new ETo zones map for California and for the IRWD and discuss the implications for the IRWD water budget calculation. Third, we quantify the differences in water budget for IRWD customers if geospatially located Spatial CIMIS data were used instead of the representative ETo from the three IRWD weather stations. Finally, we provide recommendations on how to best update the ET data source and zones in IRWD customer water budget calculations.

SPATIAL CIMIS EVALUATION FOR IRWD

Figure 2 shows a comparison between the mean daily ETo annual cycle of the IRWD weather stations and the Spatial CIMIS at the grid cell co-located with the weather station over the 2016-2022 period. It shows very good agreement between the IRWD weather stations and the Spatial CIMIS datasets, with low root mean square errors (RMSE) of 0.26, 0.30 and 0.20 mm/day and high coefficient of determination (R^2) of 0.93, 0.94 and 0.98 for, respectively, the Coastal station, Central station, and Foothill station. This demonstrates that the Spatial CIMIS product provide accurate high-resolution gridded ETo information.

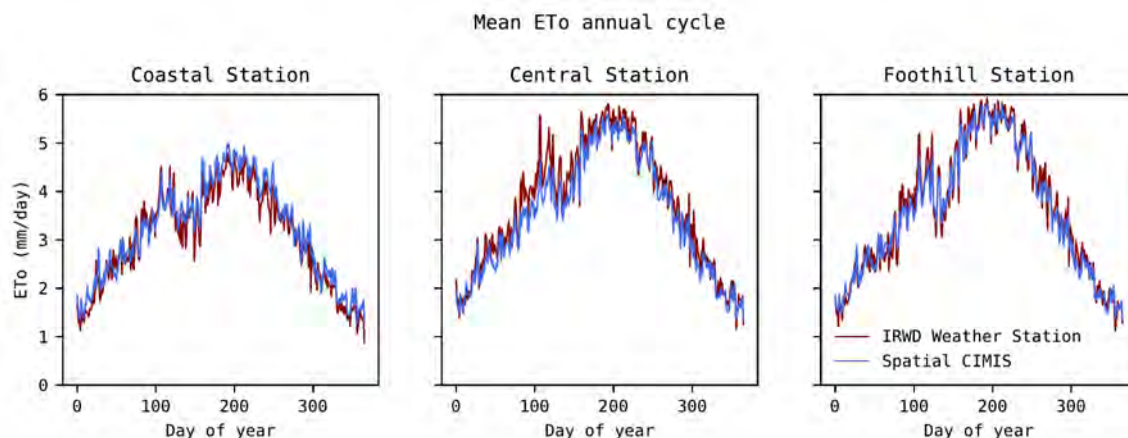


Figure 2. Comparison between the mean daily ETo annual cycle (mm/day) of (brown) the IRWD weather stations and (blue) the Spatial CIMIS at the grid cell co-located with the weather station over the 2016-2022 period.

UPDATING THE ETo ZONES MAP

We explore using Spatial CIMIS ETo data with machine learning approaches to develop a new ETo zones map for California. Specifically, we use unsupervised k-mean clustering, a technique that groups similar data points together into clusters and discover underlying patterns. We test

different numbers of clusters and find that 18 clusters are an appropriate choice to maximize the quality of the clusters (how separated the clusters are from each other) and the coherence of the clusters (how similar data points are in each cluster). We also cluster ETo data over the IRWD alone and identify three clusters is the optimal partitioning. We use the mean daily ETo annual cycle over the 2016-2022 period as our representative data for the clustering.

Figure 3 shows the California ETo zones map for 18 clusters, and the mean ETo annual cycle associated with each zone. ETo zones are clustered by similarity in magnitude and shape of their ETo annual cycle. Zones are ranked by total annual ETo, with zone 1 having the lowest total annual ETo and zone 18 the highest total annual ETo.

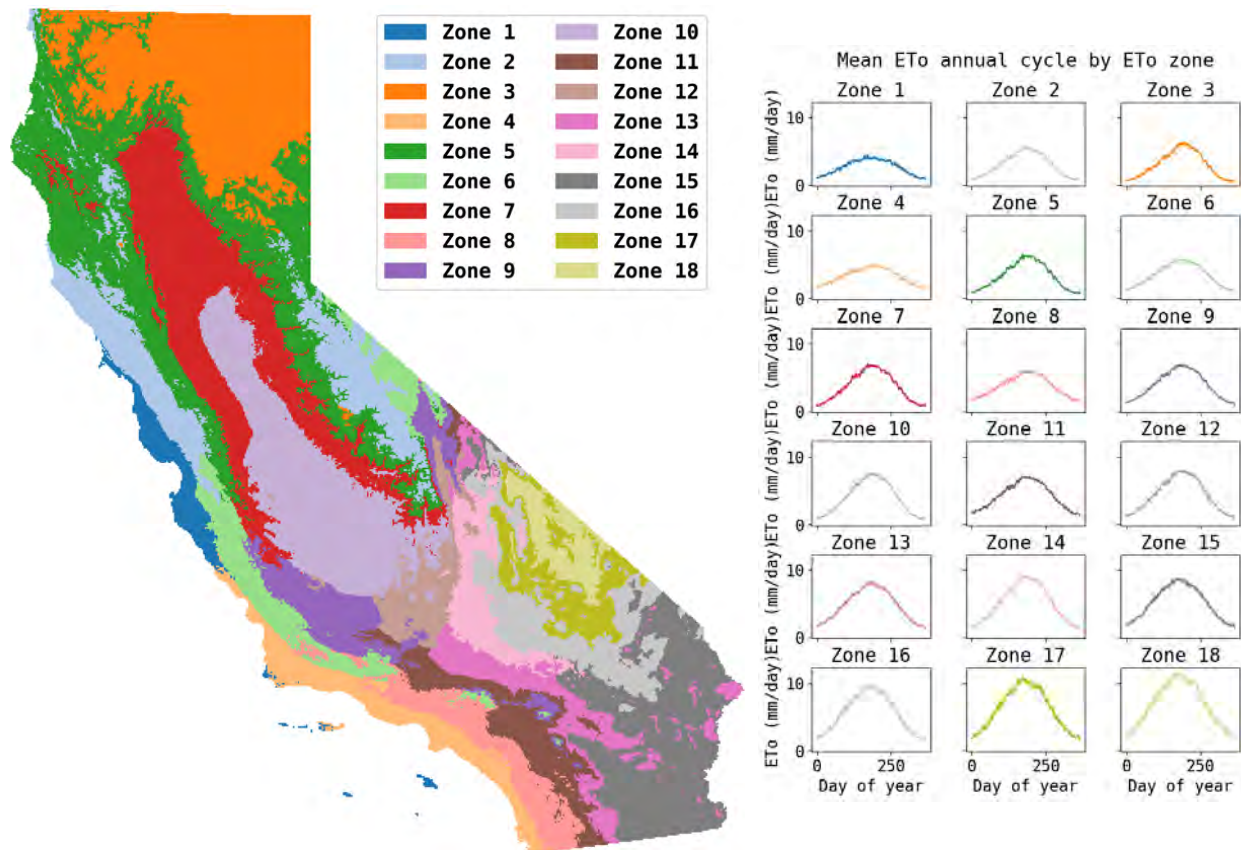


Figure 3. *Left:* Reference Evapotranspiration (ETo) zones map. *Right:* Mean ETo annual cycle of each ETo zone. Zones are ordered by the total ETo over the year, with Zone 1 displaying the lowest annual ETo and Zone 18 the high annual ETo.

The new California ETo zones map developed over the entire state identify only two separate zones with the IRWD, compared to the three distinct zones using the original California ETo zones map developed by DWR. Modifying various parameters in the k-means clustering and changing the input data from daily to monthly results in small but noticeable changes in the exact boundaries between the different ETo zones within IRWD. This indicates that such boundaries certainly exist, but they are not precisely defined.

Figure 4 then compares the ETo zones over the IRWD based on the California 18 ETo zones map and based on the IRWD three ETo zones map.

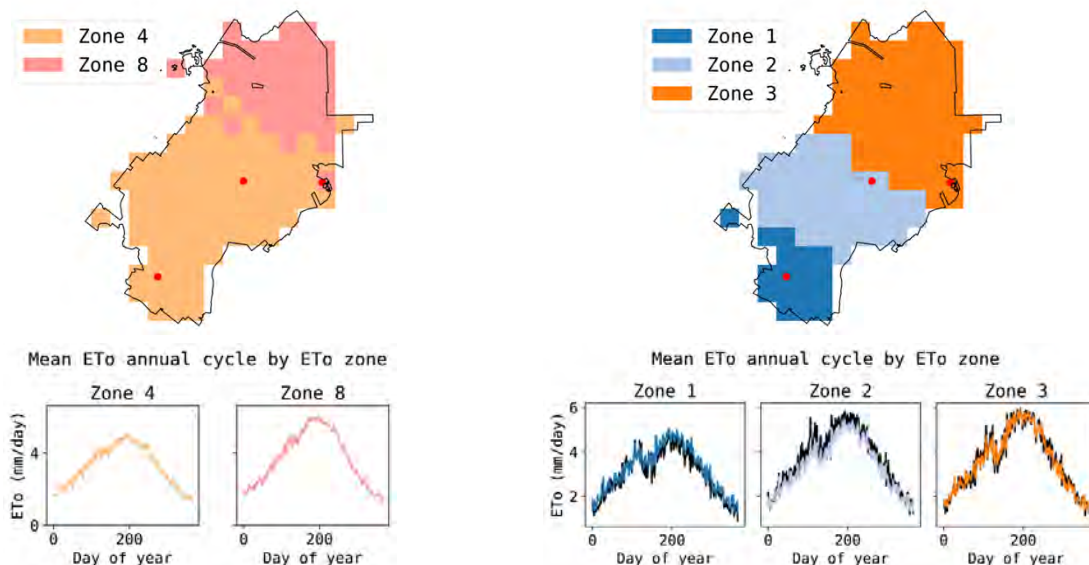


Figure 4. *Top left:* map of ETo zones for the IRWD based on the California 18 ETo zones map. *Bottom left:* Mean ETo annual cycle of each ETo zone (zones 4 and 8). *Top right:* map of ETo zones for the IRWD based on the IRWD 3 ETo zones map. *Bottom right:* Mean ETo annual cycle of each ETo zone (zones 1 to 3) along with the mean ETo annual cycle of the three IRWD weather stations (black lines). Red dots show the location of the three IRWD weather stations.

However, when conducting the same clustering analysis using only IRWD ETo data, three separate zones are identified within the IRWD. They correspond roughly to the original three ETo zones (**Figure 1**), although the updated Coastal zone extends further inland, and the Foothill zone extends further toward the coast (**Figure 7**). As a result, the IRWD Central weather station is much closer to the boundary between the Central and Foothill zones than in the original ETo zones map. For this reason, the IRWD Central weather station ETo is slightly higher than the ETo representative of the updated Central zone. This would indicate that the current location of the IRWD Central weather station may not be optimal to represent the updated ETo Central zone, but does benefit customers with a higher water budget.

IRWD WATER BUDGETS

We examine how the IRWD customers' water budgets would be impacted by using Spatial CIMIS ETo instead of IRWD weather station ETo. For each IRWD meter, we calculate the daily water budget in hundred cubic feet (CCF) using the following equation:

$$\text{Water Budget} = \frac{ETo \cdot A \cdot K_c \cdot CF}{IE}$$

where *ETo* is the daily Reference Evapotranspiration, *A* is the customer's landscape area in acres, *K_c* is the crop coefficient, *IE* is the irrigation efficiency and *CF* is a conversion factor to convert the water budget to CCF. The landscape area, crop coefficient and irrigation efficiency for each customer is provided by IRWD.

First, we follow the current methodology and calculate the water budget based on the IRWD weather station ETo of each meter's ETo zone. Second, we calculate water budget using the Spatial CIMIS ETo of the grid cell corresponding to each meter's location. We then analyze the differences between the two approaches.

We examine the spatial distribution of differences in monthly water budget for each month of the year over the 2016-2022 period when using Spatial CIMIS ETo compared to using IRWD weather stations ETo (**Figure 5** for CCF differences and **Figure 6** for percent differences). We also summarize the average difference in monthly water budget per customer for each ETo zone and month of the year (**Table 1** for CCF differences and **Table 2** for percent differences). Maps of the actual monthly water budgets (in CCF) for each month of the year using the current method and the Spatial CIMIS approach are also provided in the Appendix.

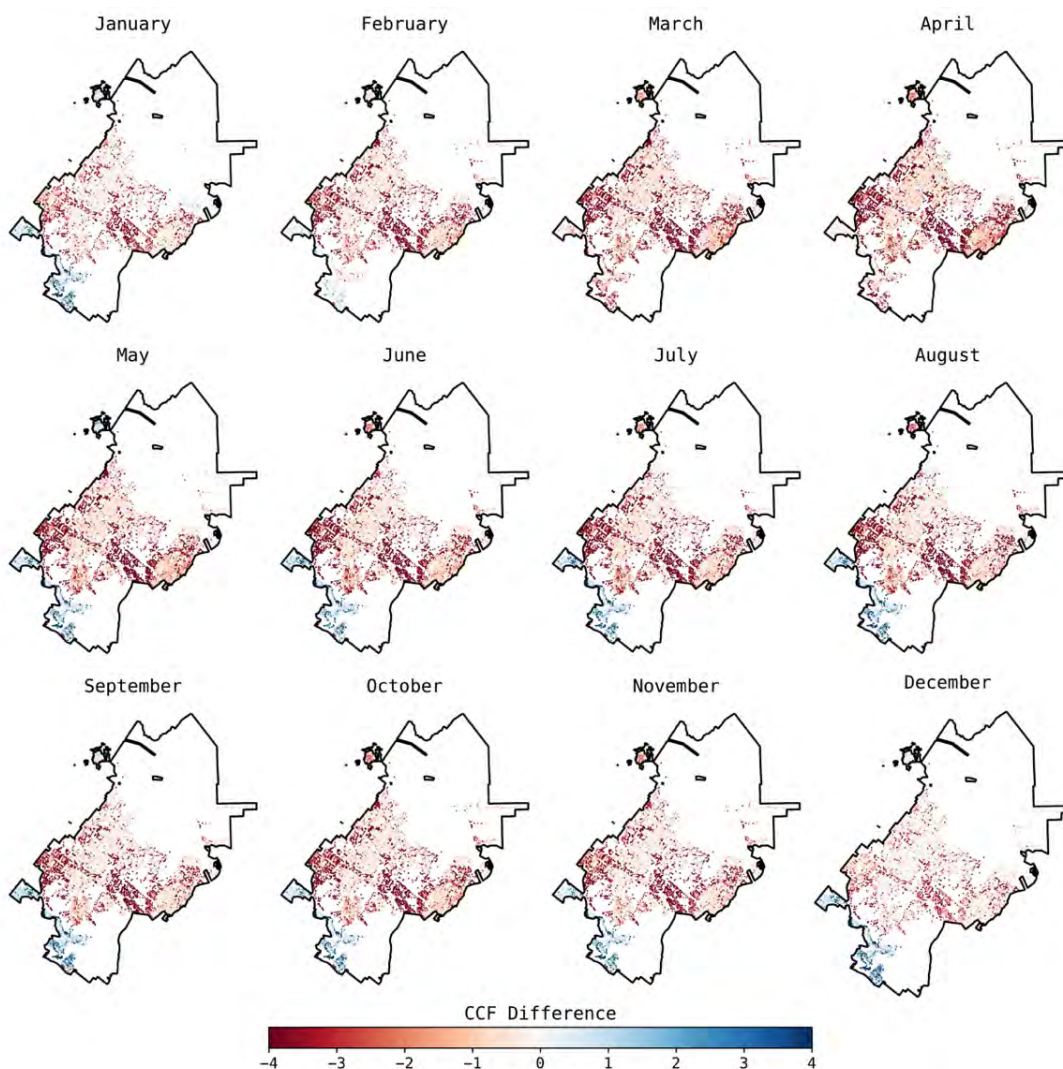


Figure 5. Maps of changes in monthly water budget (in CCF) for each month of the year over the period 2016-2022 when using Spatial CIMIS ETo compared to using IRWD weather stations ETo. Negative (positive) values indicate decreases (increases) in water budget when using Spatial CIMIS.

Table 1. Average differences in monthly water budget per customer (in CCF) for each ETo Zone (Coastal, Central, and Foothills) and month of the year over the period 2016-2022 when using Spatial CIMIS ETo compared to using IRWD weather stations ETo. Negative (positive) values indicate decreases (increases) in water budget when using Spatial CIMIS.

Zone	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Coastal	1.8	-0.1	-1.7	-1.1	1.4	1.7	1.7	1.8	2.5	1.5	1.5	2.7
Central	-0.6	-1.5	-2.2	-3.0	-2.5	-2.2	-2.1	-1.9	-1.3	-1.7	-1.2	-0.4
Foothills	0.1	-0.4	-0.7	-1.0	-0.1	-0.9	-0.9	-1.0	-0.5	-1.0	-0.7	0.0

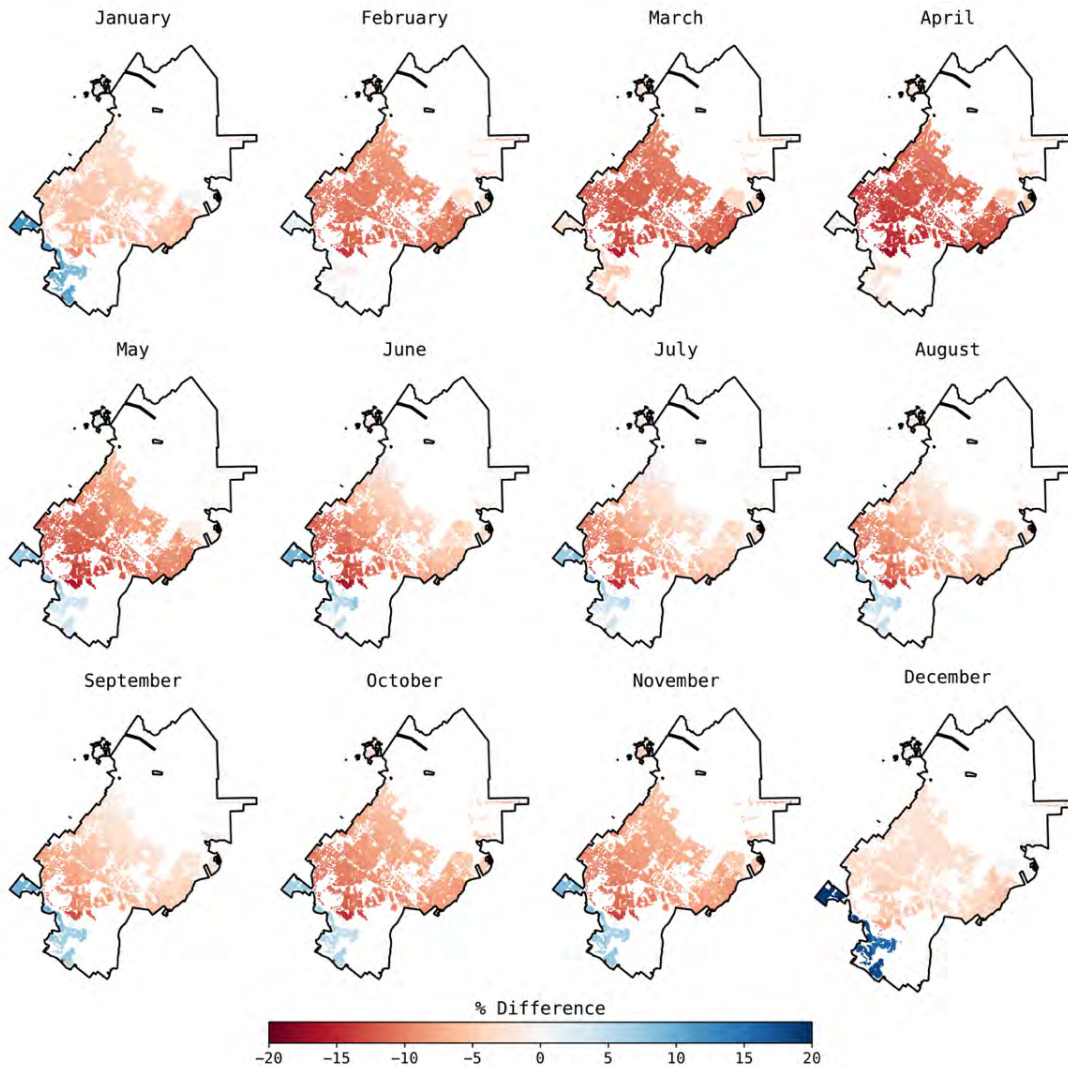


Figure 6. Same as Figure 5 but in percent difference.

Table 2. Same as Table 1 but in percent difference.

Zone	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Coastal	9.5	-0.4	-5.0	-2.6	4.4	5.8	4.4	4.7	7.1	4.8	6.7	16.8
Central	-5.2	-9.8	-11.4	-12.2	-9.7	-7.0	-5.7	-5.4	-4.9	-8.2	-8.1	-3.8
Foothills	0.7	-3.1	-4.3	-4.6	-0.8	-3.2	-3.0	-3.4	-2.3	-5.0	-5.5	-0.2

When using Spatial CIMIS ETo compared to ETo from the three IRWD weather stations, water budgets increase in the Coastal region, decrease in the Central region and experience more minor changes in the Foothills. Increases in the Coastal region are small, averaging between 1 and 2 CCFs per customer per month over most of the year, with small decreases in March and April. During summer, increases in water budgets reach 4 to 5% on average. Decreases in the Central region are largest during the Spring, with on 10 to 12% per customer per month on average and reaching up to 15% in select locations, and are more modest during summer, averaging around 2 CCFs. In the Foothills, water budgets would decrease slightly by 1 CCF on average in the Summer, and with slight increases in the Winter. The differences in water budgets are largest in the Central region, especially close to the boundary with the Coastal

region, which is also the farthest from the Central IRWD weather station location. This further demonstrates the bias associated with using a representative ETo for all customers within an ETo zone, especially when the weather station may not be best located to represent that zone.

CUSTOMER IMPACTS

We also examine how many customers would be impacted by various levels of changes in water budget for each month of the year when using Spatial CIMIS ETo compared to using IRWD weather stations ETo in the calculations of the water budgets (**Table 3** for CCF differences and **Table 4** for percent differences).

Table 3. Number of customers affected by different levels of changes in monthly water budget (in CCF) for each month of the year over the period 2016-2022 when using Spatial CIMIS ETo compared to using IRWD weather stations ETo. Negative (positive) values indicate decreases (increases) in water budget when using Spatial CIMIS.

Month	<-10	-10 to -8	-8 to -6	-6 to -4	-4 to -2	-2 to 0	0 to 2	2 to 4	4 to 6	6 to 8	8 to 10	>10
Jan	1010	348	600	1000	1779	90582	14370	258	90	95	85	386
Feb	2869	673	795	969	1482	96853	6872	69	13	2	2	4
Mar	4365	666	771	935	1774	102005	87	0	0	0	0	0
Apr	4966	562	700	922	2549	100761	143	0	0	0	0	0
May	4172	578	660	825	1759	92848	8852	270	116	97	94	332
Jun	3676	593	808	948	1827	93440	8388	347	70	49	63	394
Jul	3452	546	822	996	1752	93256	8800	377	78	70	60	394
Aug	3137	548	762	1112	1697	93197	9116	376	96	66	70	426
Sep	2339	558	742	1131	1649	95107	7888	458	93	52	62	524
Oct	3244	654	769	980	1574	94524	8045	187	94	92	103	337
Nov	2268	574	866	1082	1648	95307	8073	167	103	98	99	318
Dec	607	207	346	750	1787	95834	9896	450	88	50	61	527

Table 4. Same as Table 3 but in percent difference.

Month	<-10	-10 to -8	-8 to -6	-6 to -4	-4 to -2	-2 to 0	0 to 2	2 to 4	4 to 6	6 to 8	8 to 10	>10
Jan	1010	348	600	1000	1779	90582	14370	258	90	95	85	386
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Dec	607	207	346	750	1787	95834	9896	450	88	50	61	527

Overall, less than 9% of IRWD customers would experience water budget decreases of more than 1 CCF per month, and less than 8% would experience decreases of more than 2 CCF per month. About 8% would experience water budget increases, and more than 80% would experience water budget decreases less than 1 CCF per month. Finally, less than 8% of IRWD customers would experience decreases in the summer water budget greater than 10%.

CONCLUSIONS

There is a clear need to update the existing California ETo zones map using high-resolution gridded ETo data and advanced statistical techniques. Our research group is currently working with the California Department of Water Resources to develop such a map using Spatial CIMIS data and unsupervised k-means clustering.

In this study, we find that depending on the spatial coverage of the input, the IRWD is broken down into a different number of ETo zones. When the clustering is done using ETo for the entire state of California, the IRWD is more appropriately broken down into two ETo zones. When limiting the clustering to IRWD ETo only, the IRWD is broken down into three ETo zones. Furthermore, the exact boundaries between the different ETo zones within IRWD are somewhat sensitive to changes in the clustering methodology. This indicates that these boundaries are not precisely defined. This also suggests that using ETo data at a finer resolution, i.e. Spatial CIMIS, would be more appropriate than ETo data representative of ETo zones where customers reside.

Transitioning from using IRWD weather stations ETo to using Spatial CIMIS ETo would have implications to the water budget of IRWD customers. We find the following impacts:

Coastal region customers would see their **water budget increase** by **1.2 CCF per month** on average over the entire year.

Central region customers would see their **water budget decrease** by **1.7 CCF per month** on average over the entire year, with larger decreases for customers residing farther away from the Central IRWD weather station.

Foothill region customers would see their **water budget decrease** by **0.6 CCF per month** on average over the entire year

Less than 1% of Coastal region customers, less than 10% of Central region customers, and less than 7% of Foothill region customers would experience **water budget decreases greater than 1 CCF per month** on average over the entire year.

Overall, **less 9% of IRWD customers** would experience **water budget decreases greater than 1 CCF per month** on average over the entire year.

Recommendations

1. Use Spatial CIMIS ETo data to calculate the water budget of IRWD customers. Spatial CIMIS provides a 2 km gridded dataset of daily ETo, available at the end of each day. Each customer's water budget should be computed using the Spatial CIMIS ETo data from the overlapping grid cell.
 - This would allow:
 - each customer's water budget to be computed using ETo data corresponding to their specific location
 - This would avoid:
 - relying on ETo zones that are being updated, and could be updated more regularly
 - maintaining and possibly updating the IRWD weather stations when the California Department of Water Resources provides high-quality, high-resolution geospatial ETo data
 - large differences between neighboring customers who belong to different ETo zones
 - However, it would require:
 - updating the water budget estimation system to retrieve daily Spatial CIMIS ETo
 - potential modifications to the IRWD billing system to accommodate the change in customer ET zone assignment
2. In case the transition to Spatial CIMIS is not possible or delayed, redraw the ET zones boundaries based on the IRWD three ETo zones map shown as shown in **Figure 7**.
 - This would allow:
 - each customer's water budget to be computed using representative ETo data consistent with the IRWD-specific clustering analysis.
 - However, it would require:
 - potential modifications to the IRWD billing system to accommodate the customer zone reassignment
 - relocating the Central IRWD weather station to a more suitable location representative of the Central ETo zone. Suitable locations include the Oak Creek Golf Club and the Strawberry Farms Golf Club, pending the cooperation of the landowners among other considerations that are salient to IRWD.

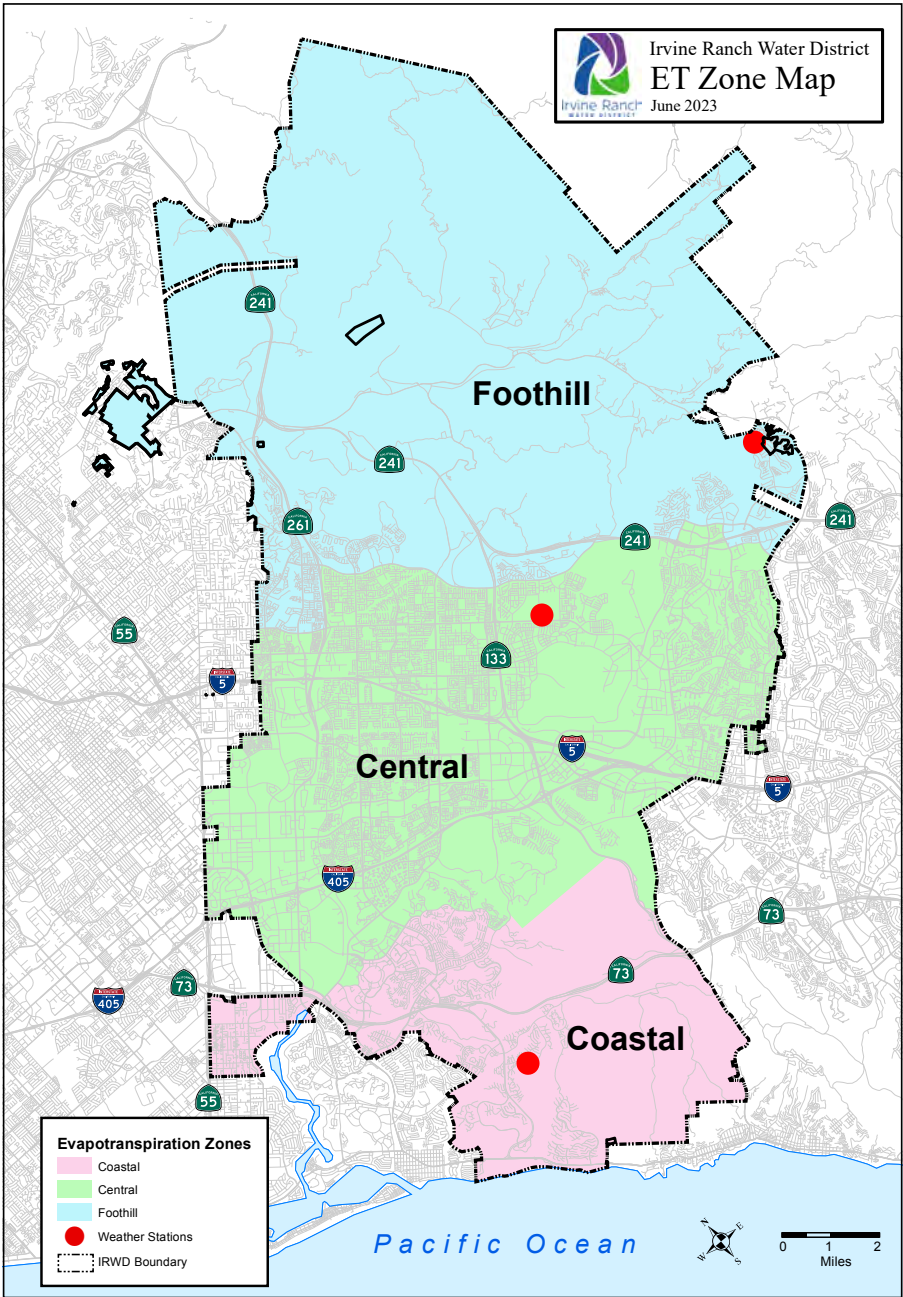


Figure 7. Updated ET zone map for IRWD, dividing the water district into three zones (Coastal, Central and Foothill), and identifying the location of the three IRWD weather stations.

APPENDIX

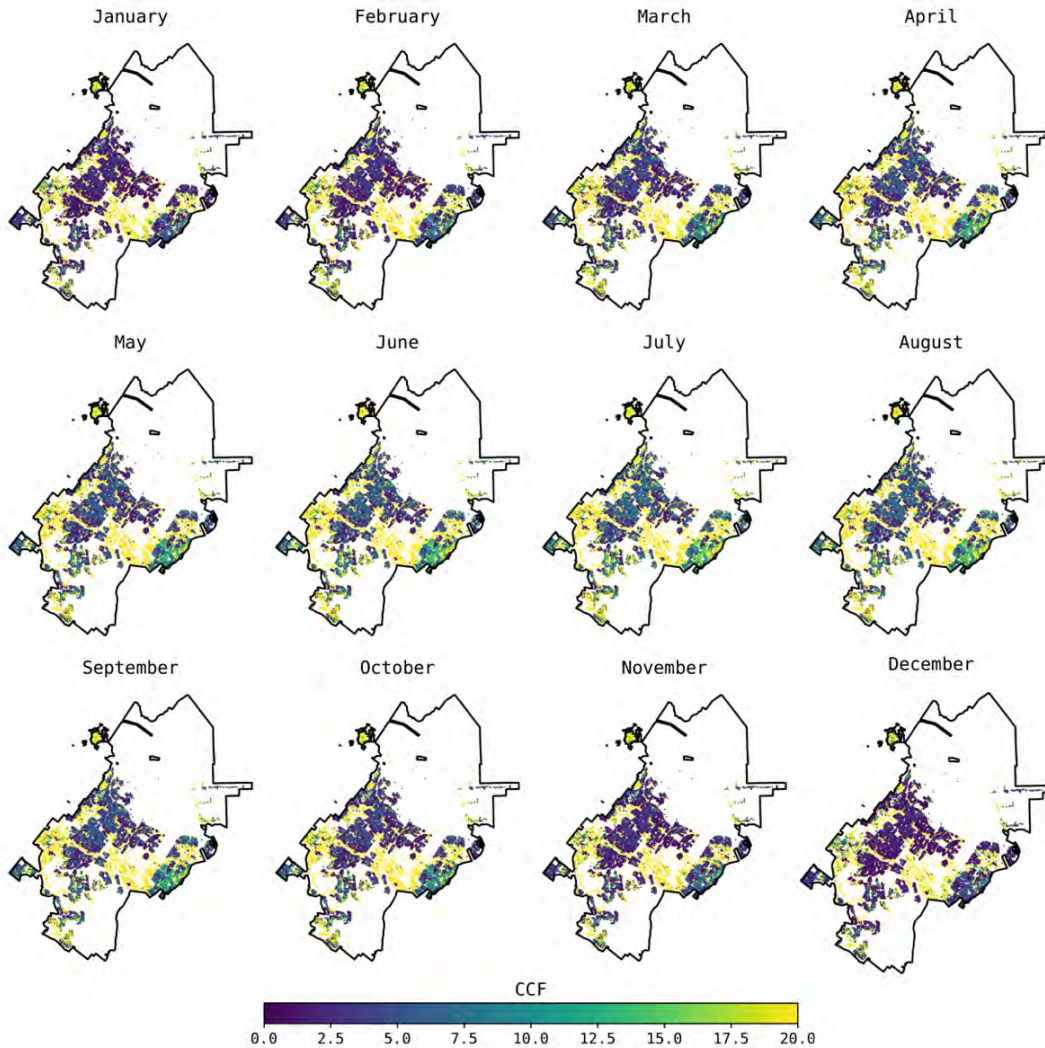


Figure A1. Maps of the water budget (CCF) over the 2016-2022 period computed using the IRWD weather stations ETo.

Table A1. Number of customers experiencing different water budget (CCF) levels for each month of the year over the 2016-2022 period computed using the IRWD weather stations ETo.

Month	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	>20
Jan	79317	9468	7693	3032	1372	738	565	434	407	263	7314
Feb	35368	48697	7813	5100	2255	1248	797	484	396	353	8092
Mar	34983	45655	5713	5699	4129	2163	1351	872	518	464	9056
Apr	34777	6592	41469	5131	4488	3458	1984	1253	885	652	9914
May	34749	6618	41277	5027	4623	3433	1959	1367	887	749	9914
Jun	34617	3611	42828	4059	4448	3595	2810	1680	1231	878	10846
Jul	34475	805	44605	2861	3986	3818	2865	2507	1545	1070	12066
Aug	34574	793	45159	3458	4142	3792	3133	1949	1270	988	11345
Sep	34777	3629	44404	5239	4490	3460	1962	1260	879	621	9882
Oct	34999	45644	5760	5798	4037	2155	1377	868	518	418	9029
Nov	38229	47213	7897	4538	1954	1109	627	516	327	369	7824
Dec	80157	11197	6644	2367	1073	688	491	418	320	265	6983

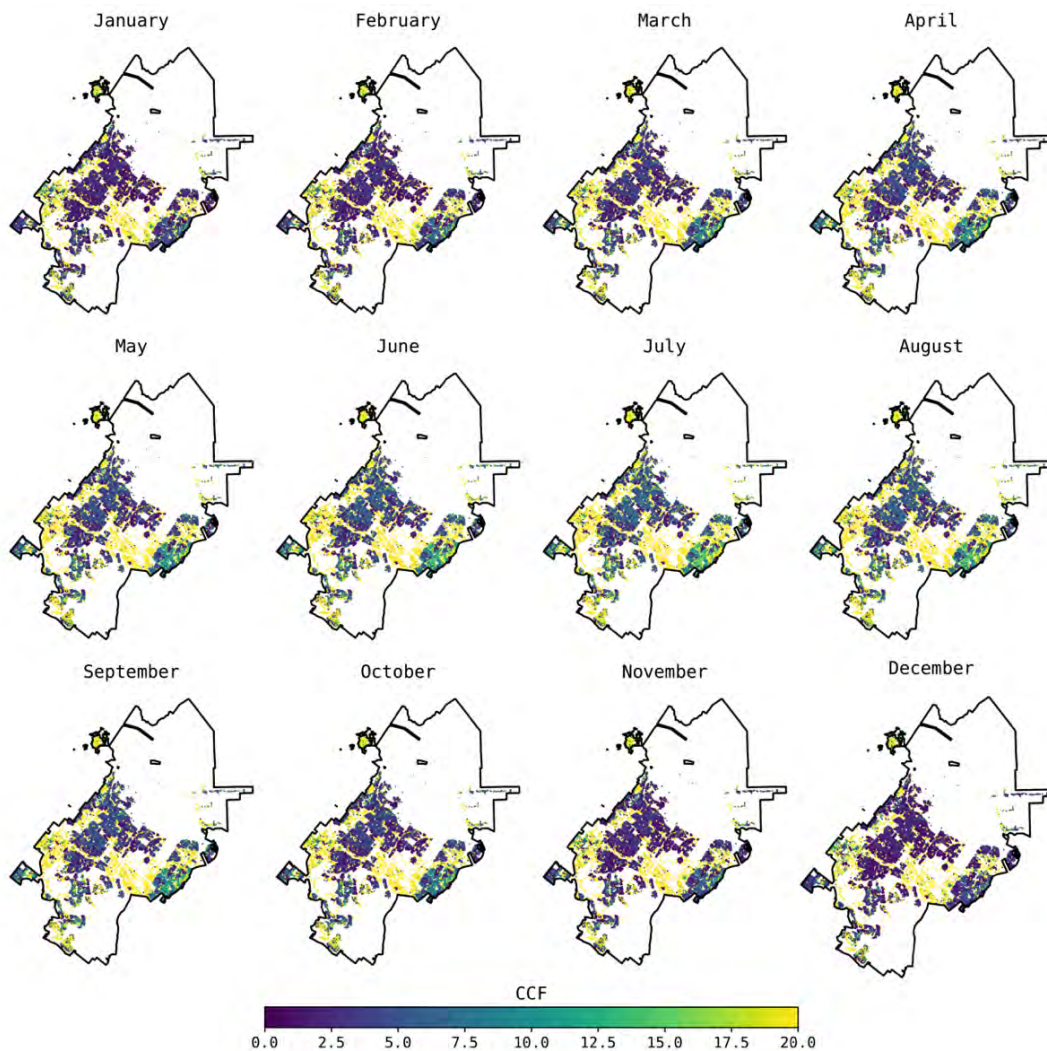


Figure A2. Same as Figure A1 but with the water budget computed using Spatial CIMIS data.

Table A2. Same as Table A1 but with the water budget computed using Spatial CIMIS data.

Month	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	>20
Jan	79655	10003	7233	2785	1320	718	518	454	394	277	7277
Feb	35538	50209	7501	4623	1967	1040	685	435	397	371	7868
Mar	35284	46595	6688	5543	3427	1777	1086	680	472	373	8709
Apr	35006	44932	4992	5427	4296	2661	1594	1044	706	518	9458
May	34946	44480	4497	5473	4057	3328	1678	1169	773	568	9665
Jun	34781	2050	44929	4374	4415	3472	2667	1512	1089	792	10553
Jul	34660	799	44862	3248	4076	3549	3047	2300	1384	1027	11682
Aug	34719	801	45499	3915	4148	3463	3106	1770	1248	902	11063
Sep	34930	32376	16193	5348	4204	3417	1773	1210	807	619	9757
Oct	35199	46193	6361	5472	3860	1900	1151	778	485	393	8842
Nov	35587	51067	7921	3836	1784	979	584	428	415	369	7664
Dec	80520	11009	6507	2330	1038	668	488	463	320	274	7017

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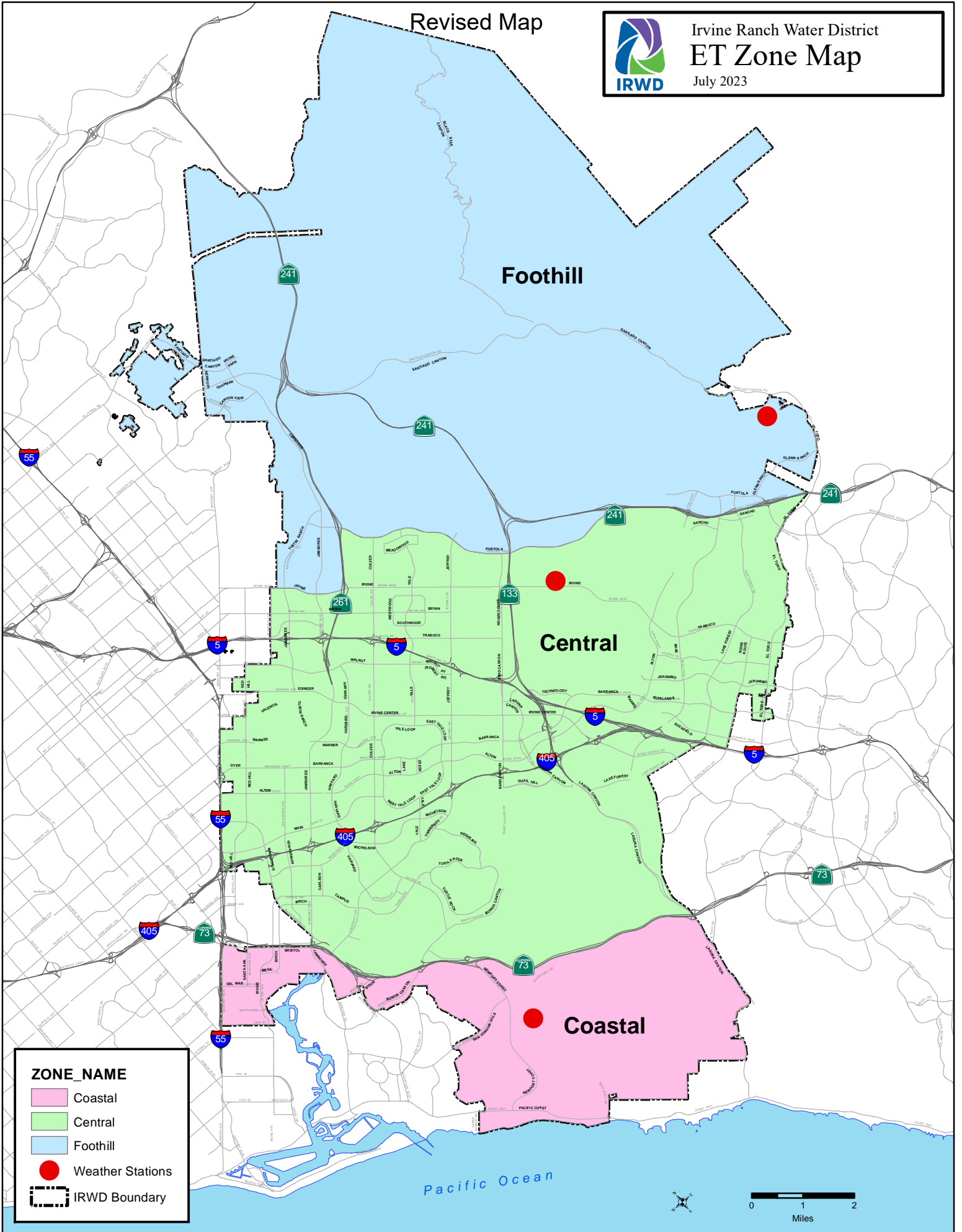
Revised Map



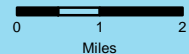
Irvine Ranch Water District

ET Zone Map


July 2023



ZONE_NAME	
	Coastal
	Central
	Foothill
	Weather Stations
	IRWD Boundary



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August 7, 2023
Prepared and
submitted by: C. Compton
Approved by: Paul A. Cook 

WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

ACWA COMMITTEE NOMINATIONS FOR THE 2024-2025 TERM

SUMMARY:

IRWD is an active participant in the Association of California Water Agencies (ACWA) with a high level of participation in various ACWA standing committees. ACWA is now accepting committee nominations for the 2024-2025 term. The Board and staff have confirmed their interest in participating on ACWA committees during the 2024-2025 term. Following the Board’s discussion and approval, staff will submit the Committee Consideration Form to ACWA signed by the General Manager prior to the September 30, 2023, deadline.

BACKGROUND:

ACWA Committee Nomination Process:

IRWD has received information from ACWA requesting committee appointment nominations for its standing committees for the 2024-2025 term. A copy of the information is attached as Exhibit “A”.

Below are current District participants serving on ACWA committees:

ACWA Committee/Subcommittee	IRWD Participant:
Agriculture Committee	-
Business Development Committee	-
Communications Committee	-
Energy Committee	Peer Swan
Federal Affairs Committee	-
Finance Committee	Cheryl Clary
Groundwater Committee	Doug Reinhart
Legal Affairs Committee	Claire Hervey Collins
Local Government Committee	-
Membership Committee	-
State Legislative Committee	-
Water Management Committee	-
Water Quality Committee	Jim Colston

Attached as Exhibit “B” is a nomination consideration form with potential IRWD nominees for the 2024-2025 term. Staff recommends that IRWD submit the Committee Consideration Form to ACWA signed by the General Manager prior to the September 30, 2023, deadline.

FISCAL IMPACTS:

The District will be responsible for all costs associated with representative participation on ACWA committees.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

That the Board authorize the District to submit the Association of California Water Agencies Committee Consideration Form for Board and staff committee appointment nominees for the 2024-2025 term.

LIST OF EXHIBITS:

Exhibit “A” – ACWA Committee Appointment Nominations Information
Exhibit “B” – ACWA Committee Consideration Form



ACWA ADVISORY: ACWA COMMITTEE APPOINTMENT PROCESS UNDER WAY FOR THE 2024-'25 TERM

BY CAROLINE MINASIAN JUL 10, 2023

ACWA members interested in serving on one of ACWA's 13 standing committees may apply now through Sept. 30. ACWA's committees offer members numerous opportunities to stay current and engage on important statewide water issues.

ACWA committees meet throughout the year, providing key technical, policy and organizational input to the ACWA Board of Directors. The committees bring together expertise and perspectives from across the state on key state and federal issues to help ACWA advocate for members in Sacramento and in Washington D.C.

The committee appointment information for the 2024-'25 term has been emailed to ACWA member agency general managers and board presidents. To be considered for a committee appointment, a completed and signed committee consideration form must be submitted to acwacommittees@acwa.com by Sept. 30. All consideration forms must be signed by the agency's general manager or board president.

Information about each committee and ACWA's appointment process is available on ACWA's website.

When submitting names for consideration, please do so with the understanding that committees need active, involved individuals able to commit time and expertise. Agencies are responsible for all costs associated with the participation of its representatives on ACWA committees.

Questions

For questions about the ACWA committee appointment process, please contact Region and Member Engagement Specialist Ana Javid at anaj@acwa.com or (916) 669-2442.

© 2023 Association of California Water Agencies

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JOIN A COMMITTEE AND GET INVOLVED

ACWA has 13 standing committees that members can join and get involved. This is a great way for members to engage in state and local issues and influence policy and legislation. Committees are structured to include representation from all 10 ACWA Regions, bringing together diverse voices on technical and policy matters. **Take action, join a committee!**

COMMITTEE APPOINTMENT PROCESS TIMELINE

2024 - 2025 TERM

Committee consideration forms emailed to member agency general managers and board presidents.

28

JUNE

Region Chair and Vice Chair recommendation deadline.

9

NOV

Incoming ACWA President appoints members of committees.

13

DEC

30

All completed consideration forms due.
Any consideration submitted after deadline will be put on a waiting list.

29

Region recommendations given to incoming ACWA President.

31

ACWA notifies committee members of appointments and rosters posted on acwa.com.

COMMITTEE COMPOSITION

Committee members are appointed for two-year terms that begin on Jan. 1 of even-numbered years. You can learn more about ACWA's 13 standing committees below. For more information and bylaws, visit www.acwa.com. If you have any questions, please contact Region and Member Engagement Specialist Ana Javid at anaj@acwa.com.

Committee	Description	Composition	Meetings Per Year	Liaison
Agriculture	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors, State Legislative Committee, Federal Affairs Committee or other committees, as appropriate, regarding agricultural issues affecting the interests of ACWA and its members. 	Unlimited	4	Stephen Pang State Relations Advocate stephenp@acwa.com
Business Development	<ul style="list-style-type: none"> Develops and recommends to the Board of Directors programs and activities to be provided or administered by the association that generate non-dues revenue and provide a service or benefit to association members. 	Unlimited	2	Joseph Ramos Business Development Representative josephr@acwa.com
Communications	<ul style="list-style-type: none"> Develops and recommends to the Board of Directors and ACWA staff regarding communications and public affairs programs. Promotes sound public information and education programs and practices among member agencies. Prepares and distributes materials for use by member agencies in their local outreach efforts. Provides input and guidance to ACWA's Communications Department. 	Limited to 40	4	Heather Engel Director of Communications heathere@acwa.com
Energy	<ul style="list-style-type: none"> Recommends policies and programs to the Board of Directors, the State Legislative Committee and the Federal Affairs Committee as appropriate. 	Unlimited	4	Nick Blair State Relations Advocate nickb@acwa.com
Federal Affairs	<ul style="list-style-type: none"> Coordinates with other ACWA committees regarding input on federal issues before both Congress and the federal administrative branches. 	Limited to 5 per Region	2	David Reynolds Director of Federal Relations davidr@acwa.com
Finance	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors regarding annual budgets, investment strategies, annual audits and auditor selection, dues formula and schedule, and other financial matters. 	Limited to 2 per Region <i>(1 Region Chair/ Vice Chair and 1 with financial experience)</i>	4 - 5	Dan Gumpert Controller dang@acwa.com
Groundwater	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors on groundwater policy issues. Monitors state and federal regulations and legislation affecting the quality and management of groundwater. Conducts studies and gathers data on groundwater issues. Develops policies regarding groundwater management. Coordinates with other committees on groundwater issues. 	Unlimited	4	Soren Nelson State Relations Advocate sorenn@acwa.com

Committee	Description	Composition	Meetings Per Year	Liaison
Legal Affairs	<ul style="list-style-type: none"> • Acts on requests for assistance on legal matters of significance to ACWA member agencies. • Reviews proposed ACWA bylaw revisions and works with staff to produce publications to assist member agencies in complying with state and federal laws. • Files amicus curiae filing on important cases, comments on proposed regulations and guidelines of state agencies such as the Fair Political Practices Commission and monitors and engages in water rights matters of interest to member agencies. 	Limited to 45	2 - 3	Kris Anderson State Relations Advocate krisa@acwa.com
Local Government	<ul style="list-style-type: none"> • Makes recommendations to the Board of Directors and the State Legislative Committee on local government matters affecting water agencies, including planning issues, local government organization, and finance. • Gathers and disseminates information on the value of special districts, and shares information promoting excellence in local government service delivery. 	Limited to 3 per Region	2	Julia Hall Legislative Relations Manager juliah@acwa.com
Membership	<ul style="list-style-type: none"> • Makes recommendations to the Board of Directors regarding membership policies, eligibility and applications for membership. • Assists staff in developing membership recruitment and retention programs and reviews and makes recommendations to the Finance Committee regarding an equitable dues structure. 	Unlimited	2	Katie Dahl Member Services Manager katied@acwa.com
State Legislative	<ul style="list-style-type: none"> • Reviews relevant introduced and amended legislation, and develops positions and provides recommendations to the Board of Directors on ballot measures and other major statewide policy issues. • Works with staff amendments to bills and provides direction for staff on legislative matters. 	Limited to 4 per Region	10 - 12	Adam Quiñonez Director of State Relations adamq@acwa.com
Water Management	<ul style="list-style-type: none"> • Makes recommendations to the Board of Directors on policy and programs related to water management. • Reviews and recommends positions on legislation and regulations as requested by other committees. • Assists in gathering and disseminating information regarding agricultural and urban water management, water conservation and water use efficiency, development and use of water resources, wastewater treatment and water recycling and reuse. 	Limited to 4 per Region	4	Chelsea Haines Regulatory Relations Manager chelseah@acwa.com
Water Quality	<ul style="list-style-type: none"> • Makes recommendations to the Board of Directors, the State Legislative Committee and the Federal Affairs Committee on policy and programs regarding water quality issues. • Promotes cost-effective state and federal water quality regulations and provides a forum for members to work together to develop and present unified comments on water quality regulations. • Develops and recommends positions and testimony on water quality regulatory issues. 	Unlimited	4	Nick Blair State Relations Advocate nickb@acwa.com

PLEASE PRINT LEGIBLY

Agency Name (DO NOT use acronyms or abbreviations) Irvine Ranch Water Distict		ACWA Region # 10
Agency Address 15600 Sand Canyon Ave.	City, State & Zip Irvine, CA 92618	Phone (949) 453-5300

BELOW PLEASE LIST ALL THOSE INTERESTED IN BEING ON ACWA COMMITTEES FOR YOUR AGENCY. FOR ADDITIONAL RECOMMENDATIONS PLEASE FILL OUT ANOTHER FORM.

**If an individual is not an agency employee or director, please indicate company affiliation.*

Name Steve LaMar	Title/Company* Board Member	Email Address lamar@irwd.com
Committee 1st Choice Federal Affairs Committee	Committee 2nd Choice Agriculture Committee	Committee 3rd Choice Energy Committee
Name Peer Swan	Title/Company* Board Member	Email Address swan@irwd.com
Committee 1st Choice Water Management Committee	Committee 2nd Choice Energy Committee	Committee 3rd Choice
Name Claire Hervey Collins	Title/Company* General Counsel/Hanson Bridgett	Email Address ccollins@hansonbridgett.com
Committee 1st Choice Legal Affairs Committee	Committee 2nd Choice	Committee 3rd Choice
Name Christine Compton	Title/Company* Dir. of Strategic Com. & Advocacy	Email Address compton@irwd.com
Committee 1st Choice State Legislative Committee	Committee 2nd Choice Federal Affairs Committee	Committee 3rd Choice
Name Jim Colston	Title/Company* Director of Water Quality & Regul.	Email Address colston@IRWD.com
Committee 1st Choice Water Quality Committee	Committee 2nd Choice	Committee 3rd Choice
Name Fiona Sanchez	Title/Company* Director of Water Resources	Email Address Sanchezf@irwd.com
Committee 1st Choice Water Management Committee	Committee 2nd Choice	Committee 3rd Choice

General Manager

Signature (Agency/District General Manager or Board President signature required) _____ Title _____ Date _____

Committee member contact information will be shared on the committee roster and is to be used for committee business only.

QUESTIONS?

Contact acwacommittees@acwa.com
or (916) 441-4545

980 9th Street, Suite 1000
Sacramento, CA 95814
www.acwa.com

August 7, 2023
Prepared and
Submitted by C. Compton
Approved by: Paul A. Cook



WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

2022-2023 ORANGE COUNTY GRAND JURY REPORT RESPONSE TO “HISTORIC RAIN, YET DROUGHT REMAINS”

SUMMARY:

During its 2022-2023 session, the Orange County Grand Jury examined Orange County’s water supplies in light of the drought and climate change, and it studied the need for new sources of potable water supply within the county. On June 9, 2023, the Grand Jury released its findings on the subject in a report entitled “*Historic Rain, Yet Drought Remains.*” The report identified 12 findings and four recommendations. IRWD is required to respond to the 12 findings, and to two of the four recommendations. Staff recommends that the Board authorize the General Manager to respond to the Presiding Judge, as required by the California Penal Code, and the Grand Jury.

BACKGROUND:

During its 2022-2023 term, the Grand Jury investigated water sources and supplies in Orange County because it viewed that, “due to shifts in climatic weather patterns, the reliability of traditional water supplies... [are] under intense pressure in Orange County” and because it viewed Orange County water suppliers as not having “fully develop[ed] a transformational drought-resistant water resource outside the status quo” of water recycling, flood water capture, and new storage. (Orange County Grand Jury (2023), “*Historic Rain, Yet Drought Remains,*” page 4). The resulting report “*Historic Rain, Yet Drought Remains*” was issued on June 9, 2023. A copy of the report is attached as Exhibit “A” for reference.

Grand Jury Report’s Premise and Overarching Conclusions:

The June 9 report begins with the statement, that “[t]he ‘atmospheric river’ of winter 2022-23 in California, causing floods in the lowlands and record snowpack in the mountains, has many people assuming that the ‘drought is over.’ This assumption is far from the truth. Drought conditions are here to stay.” (p. 3). It continues by stating that:

“Climatologists, water experts, and water managers agree we must adapt to climate change because longer droughts and extreme weather patterns are inevitable, adding urgency towards finding new methods for obtaining additional water sources.

In Orange County, the lack of available water over the past few years has frequently been identified as a “Water Crisis”, yet the phrase has failed to capture the scope of how dire the situation is. Generally, people don’t think about having enough water because it has been reliably available their entire lives. Throughout the county, there are numerous innovative water projects under consideration or development, but they may not be timely enough to avoid people running short of water and having to conserve much more, ultimately leading to mandated rationing...

The Orange County Grand Jury recommends the creation of a “Climate Resiliency District” to lessen the County’s [sic] dependence on State and regional water projects. Just as Orange County supported Measure M and created the Orange County Transportation Authority to solve the county’s transportation crisis, the same bold leadership is needed to solve the county’s water crisis.

This report presents information about the current crisis in water planning, existing projects to increase the supply of non-potable water for irrigation, and storage issues. The report makes recommendations for a reliable source of potable water through desalination of ocean water.” (pages 3 and 4).

Required Responses to Findings and Recommendations:

Beyond the overarching conclusions summarized above, the Grand Jury arrived at 12 specific findings (F1 through F12), and four recommendations (R1 through R4) as a result of its investigation. In accordance with California Penal Code Sections 933 and 933.05, each agency affected by the findings is required to submit a response to the Presiding Judge of the Superior Court. The District is required to respond to Findings F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11 and F12 which state:

Finding F1: “Future water supplies are impacted by climate change and current supplies will not meet future demands.”

Finding F2: “Climatologists predict future extended periods of low moisture with occasional wet years.”

Finding F3: “Climate change is inevitable and is exacerbated by human behavior.”

Finding F4: “South Orange County relies primarily on the importation of water.”

Finding F5: “Local water suppliers recognize that enhanced stormwater capture and storage, wastewater recycling, and infrastructure improvements will not be sufficient to address the long-term forecast of drought and its effects on supply.”

Finding F6: “There is significant water infrastructure planning, but inadequate implementation.”

Finding F7: “The review and approval process for major water capital projects is cumbersome and overly restrictive.”

Finding F8: “Failing to find solutions to water shortages will have a significant impact on the Orange County economy.”

Finding F9: “Continued development in Orange County creates additional water supply needs.”

Finding F10: “Conservation and efficient use of water is essential.”

Finding F11: “Increased outreach and public education are necessary.”

Finding F12: “Desalination has proven to be technologically and environmentally feasible and is slowly being embraced as a drought-resistant source of water.”

Staff recommends that the District respond that it agrees with Findings F3, F4, F7, F10, and F11; that it disagrees partially with Finding F1, F2, F6, F8, and F12; and that it disagrees wholly with Findings F5 and F9.

The District is also required to respond to Recommendations R2 and R4, which state:

Recommendation 2: “Orange County water agencies should expedite the planning, development, and construction of desalination plants over the next five years to insure a sustainable and reliable drought-resistant source of water.”

Recommendation 4: “Orange County water agencies should update their public communication strategies, by calendar year end 2023, to inform the public of lifestyle changes if additional water sources are not developed.”

Staff recommends that the District respond that IRWD will not implement Recommendation R2 and R4.

A draft of IRWD’s proposed response to the Grand Jury, which reflects the above-mentioned staff recommendations, is attached as Exhibit “B”.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

That the Board authorize the General Manager to provide the Presiding Judge of the Superior Court with the proposed response to Finding F1, Finding F2, Finding F3, Finding F4, Finding F5, Finding F6, Finding F7, Finding F8, Finding F9, Finding F10, Finding F11, Finding F12, Recommendation R2, and Recommendation R4 of the 2022-2023 Orange County Grand Jury report entitled “*Historic Rain, Yet Drought Remains.*”

LIST OF EXHIBITS:

Exhibit “A” – 2022-2023 Orange County Grand Jury Report “*Historic Rain, Yet Drought Remains*”

Exhibit “B” – Proposed IRWD Response to the Orange County Grand Jury

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A WET WINTER IN THE WEST HASN'T
CHANGED CALIFORNIA'S WATER
CHALLENGES



Historic Rain,
Yet Drought Remains



County of Orange

Grand Jury 2022-2023

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SUMMARY

The “atmospheric river” of winter 2022-23 in California, causing floods in the lowlands and record snowpack in the mountains, has many people assuming that the “drought is over.” *This assumption is far from the truth.* Drought conditions are here to stay. While Orange County dams and reservoirs are currently at full capacity and the Sierra snowpack is at its deepest level in many years, there has been limited impact on the Western Rockies, the Colorado River, Lake Powell, and Lake Mead from which Southern California draws a significant amount of its potable water supply.

For the purposes of this report, the Orange County Grand Jury differentiated between source and supply. The source of water is the ocean and the resultant precipitation. The supply of water is how precipitation is captured and delivered to consumers of water, including recycling and reuse of this water.

Climatologists, water experts, and water managers agree we must adapt to climate change because longer droughts and extreme weather patterns are inevitable, adding urgency towards finding new methods for obtaining additional water sources.

In Orange County, the lack of available water over the past few years has frequently been identified as a “Water Crisis”, yet the phrase has failed to capture the scope of how dire the situation is. Generally, people don’t think about having enough water because it has been reliably available their entire lives. Throughout the county, there are numerous innovative water projects under consideration or development, but they may not be timely enough to avoid people running short of water and having to conserve much more, ultimately leading to mandated rationing.

Approximately half of all water used in Southern California is imported from the Colorado River and from the California Aqueduct. This imported water is severely constrained and unreliable. With infrequent and unreliable amounts of precipitation supplying both the Northern California Water Project and the Colorado River, the situation is becoming more critical. Several South Orange County cities rely almost solely on these imports. Locally, significant efforts are being made to re-use wastewater. These efforts are limited by the amount of water available from everyday use and do not create a new water source.

North and Central Orange County are served by a well-managed supply of water in underground storage, but it cannot meet the needs of the entire County. South County is entirely dependent on imported water.

The State of California mandated local governments to provide more affordable housing and is also promoting higher density development. This does not recognize the limitations of the current water supply and its social and economic impacts. The State has failed to provide a supply of water to support these mandates.

Public awareness must be expanded to encourage better management of our water by expediting the process for planning and construction of new water sources such as desalination and prioritizing funding.

The Orange County Grand Jury recommends the creation of a “Climate Resiliency District” to lessen the County’s dependence on State and regional water projects. Just as Orange County supported Measure M and created the Orange County Transportation Authority to solve the county’s transportation crisis, the same bold leadership is needed to solve the county’s water crisis.

This report presents information about the current crisis in water planning, existing projects to increase the supply of non-potable water for irrigation, and storage issues. The report makes recommendations for a reliable source of potable water through desalination of ocean water.

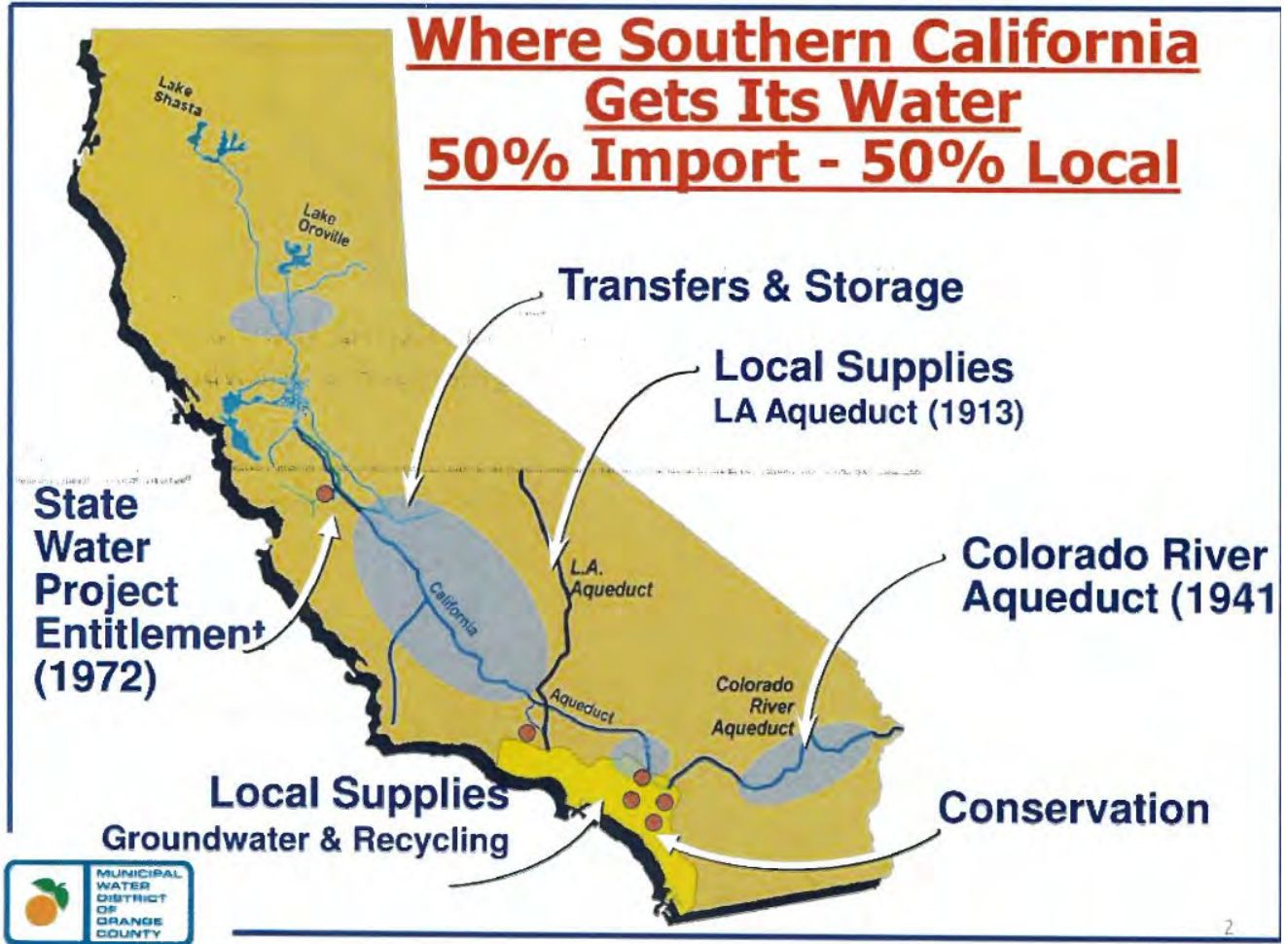
BACKGROUND

Water is our most precious resource, but due to shifts in climatic weather patterns, the reliability of traditional water supplies is under intense pressure in Orange County. Many water business insiders are stating privately that these systemic events are now at a “crisis” stage, despite the recent precipitation.

To date, traditional water suppliers in Orange County have not addressed the implications of this systemic shift. They have maximized local resources by recycling, capturing flood water runoff, and finding new areas for storage. However, they have yet to fully develop a transformational drought-resistant water resource outside the status quo.

Numerous past Orange County Grand Jury reports¹ have dealt with the internal governance and organizational structure or the need for conservation efforts to maximize water utilization. This report elaborates on the dependency on outside water supplies such as the California Water Project and the Colorado River Basin that provide over 50% of our county’s local water supply. South Orange County lacks a bountiful aquifer that provides North and Central Orange County with 70% of its water supply.²

South Orange County depends on imported water for 90% of its needs. These imported water supplies are becoming less reliable, with annual reductions occurring in both the California Water Project and the Colorado River Basin creating major disruptions. Conservation measures have been put in place throughout Orange County to maximize existing supplies to help mitigate these concerns. This is simply inadequate to resolve the long-term supply issue. One of the ways to resolve this issue is desalination, a proven alternative that has not yet been fully implemented in Orange County.



REASON FOR STUDY

The Western United States is experiencing a water crisis. The climate is changing, and our supply of water has diminished while our population has increased. This situation did not occur overnight and the efforts to mitigate the crisis have been slow and ineffective.

Existing water agencies in Orange County are not adequately structured or managed to implement the transformational strategies necessary to create a new source of potable water, specifically through desalination. It is possible that a merger of two or more agencies could pivot this new source, but they are already performing the functions for which they were created and it might be difficult to assimilate new functions. The Orange County Grand Jury recommends the creation of a new agency, a Climate Resiliency District, to develop and manage this drought-resistant resource.

Local water suppliers, including cities and special districts, are to be commended for attempting to meet the crisis within constraints. The Orange County Water District very

successfully manages the ground water basin serving North and Central Orange County. These efforts include actively pursuing water transfer and water banking agreements outside of Orange County. Local water suppliers need to expand their portfolio to meet demands. Additional capture of precipitation, supplying groundwater through infiltration, additional storage systems, development of ocean desalination, and recycling and reuse of water all need to be considered and improved and implemented.

The general public, the ultimate users of the water, need to continue their efforts to conserve water by installing low-flow toilets and showerheads, appliances that use less water, using recycled water for landscape irrigation, and eventually accepting the use of recycled water purified for drinking purposes. They also need to support and expedite the development of desalination plants to create a new source of water for the future. It will be necessary for the water suppliers to develop effective public awareness programs to help the public understand the need and desirability of this new paradigm.

METHOD OF STUDY

The Orange County Grand Jury (OCGJ) took the following steps in investigating this issue:

- Identified and interviewed key personnel:
 - Persons or entities responsible for providing potable water to their Orange County constituents
 - Persons knowledgeable in projects to improve capture, reclamation, recycling, delivery, and infrastructure improvements
 - Persons involved in the planning and execution of providing new habitable dwellings
 - Persons who are reputable in the field of climatology – past, present, and future
- Reviewed information from the various water districts and interested parties including:
 - Orange County Water District (OCW)
 - Orange County Coast Keepers
 - California Department of Water Resources
 - Miscellaneous Water Districts
 - Municipal Water District of Orange County (MWDOC)
 - Metropolitan Water District (MET)
- Reviewed numerous documents pertaining to this report (see bibliography for complete list)
- Members of the OCGJ toured the following facilities:
 - Municipal Water District of Orange County Headquarters
 - Orange County Water District Ground Water Recovery Facility
 - Metropolitan Water District
 - Headquarters

- F.E. Weymouth Water Treatment Plant and Quality Control Laboratory
- Pure Water Southern California Demonstration Plant in Carson

INVESTIGATION AND ANALYSIS

Climate

The current state of our climate is a prolonged drought. To survive, local sources of water need to be more resilient.

Throughout Earth’s evolution, there have been and continue to be impacts on its climate. The continents have been drifting since there was a super continent, Pangea, 175 million years ago. The resulting different geographic locations have differing climate conditions which are still evolving. These “climate changes” have been extensively studied and documented by paleo-climatologists, and their data has been used to forecast what climate conditions will most probably be in the future.

“The current state of our climate is a prolonged drought. To survive, local sources of water need to be more resilient.”

Today’s scientists and climatologists agree that Earth is changing due to evolutionary cycles and that climate warming is being acutely exacerbated and accelerated by the effects of human activities. Worldwide, glaciers are receding, sea levels are rising, and permafrost melting. Many global regions that were historically self-sufficient for potable water are now in periods of extended drought where precipitation is a declining resource. Orange County is directly affected by the resulting effects of climate change, evidenced by water reduction mandates and the various proposed means and methods to capture, recycle, and store more water.

This report acknowledges climate change and its effects on the people of Orange County. It examines whether the current proposed means and methods for securing more water are sufficient to sustain the projected growth in the county and support the green and vibrant lifestyle to which its inhabitants have become accustomed.

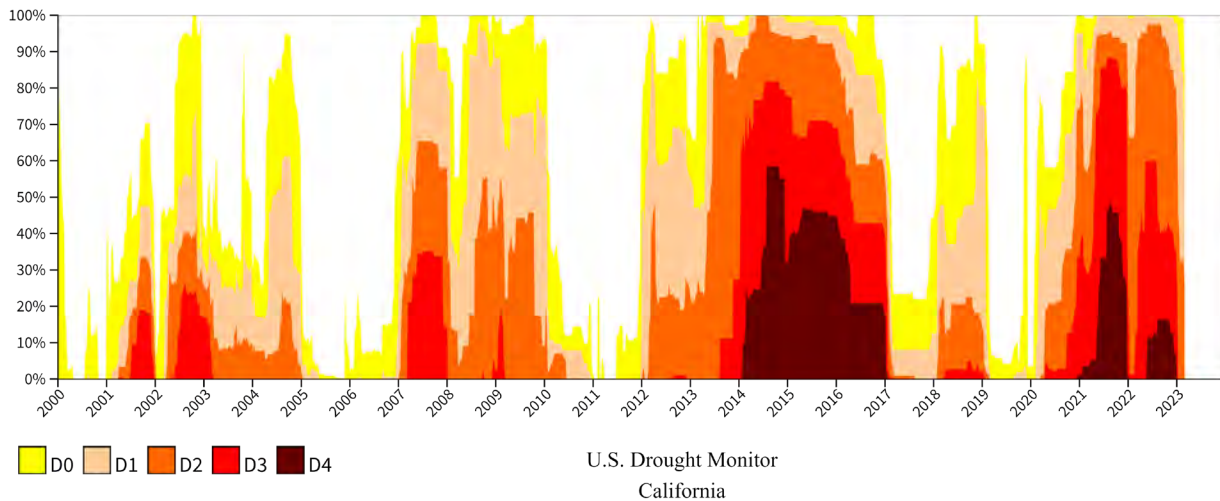
As evidenced over the past five decades, the durations and resulting expectations from the seasons in this geographic region of the U.S. (Western) have dramatically changed. Winters have seen declining periods of sustained precipitation, and summers are hotter, longer, and drier. This has directly affected the rivers, lakes, streams, dammed reservoirs above ground and aquifers below ground that rely on melted snow and rain for continued and reliable replenishment. Paleo-climatologists have validated the past

climate drought trends, and today’s climatologists are predicting the same, punctuated by infrequent periods of precipitation, like the precipitation events of this past winter (2022-23). This all points to the current supplies of water not being dependable.

Key facts and predictions identified during interviews and the numerous climate articles reviewed are:

- The current Western United States drought is the longest in 1,200 years
- The drought is likely to continue for the next 100 years.
- The current Southern California climate is characterized as “drought” but this is likely to be interrupted by infrequent wet years.
- Human activities have affected the climate. The Southern California climate is expected to enter a cooler phase based upon long-term historic trends, rather than the current warming.
- Even if carbon emissions are suddenly decreased, the climate could take up to 100 years to adjust.

The following graph illustrates the current tendency of the climate. It shows five categories: Abnormally Dry (D0), showing areas that may be going into or are coming out of drought, and four levels of drought (D1–D4). The darker the color, the deeper the drought. It clearly shows increased and more frequent levels of drought for California.



Drought as the norm has reduced precipitation as a source of water and Orange County needs to respond to it by providing a more drought resilient supply of water.

Water Demands

- In the past fifty years, California’s population has nearly doubled. Water is needed, and expected, to sustain the current population in all aspects: quality of life, commerce, industry, agriculture, etc., and promote growth and development. However, current, and foreseeable circumstances regarding water availability

have severely impacted modern Californians' expected way of life. To preserve the status quo, water reduction mandates are used to facilitate further development.

- Some water agencies are paying farmers to not grow crops. They are transferring the farmer's water rights to the water agency to feed the thirst of metropolitan areas. Many projects to capture, transport, and store water have been proposed but not yet constructed due to various political and environmental obstructions. The projects that have been approved to capture, store, recycle, and transport more water will only succeed if there is enough water to do so. Precipitation is a declining source of water. Interviews with water experts, e.g., wholesalers, retailers, and suppliers have said that "we cannot conserve our way out of the drought" but they have yet to make Orange County self-sufficient.

Overview of Water Suppliers and Agencies

The water supply for Orange County is primarily managed by three entities – Orange County Water District (OCWD), Municipal Water District of Orange County (MWDOC), and Metropolitan Water District (MET).

Consumers receive their water from 29 independent water districts and cities. The suppliers primarily receive water from either the groundwater basin managed by OCWD, directly from MET, or through MWDOC. The water agencies also have additional minor supplies of water, including treated surface waters and supplies obtained from agreements with other entities. Some of the water agencies provide treated wastewater for landscaping and industrial uses (recycling).

Metropolitan Water District (MET) – (Water Wholesaler)

The Metropolitan Water District (MET) serves the water needs of Southern California by securing and transporting water. This includes overseeing the importation of water from the Colorado River Basin since 1941 and the State Water Project since 1971. MET is a wholesaler which sells and allocates this water to other water agencies, municipalities,³ and counties from Ventura to San Diego. Orange County receives its purchased allocation through the Municipal Water District of Orange County. Recognizing the long-term effects of drought and reduced flows from the Colorado river and California Aqueduct, the MET has initiated major water conservation and recycling programs to make water management a priority. They have attempted to create storage capability and negotiate contracts with the agricultural entities within the Colorado basin to limit their water usage and acquire their allocations.

The long-term threat of climate change and historic droughts have challenged MET and they have failed to identify new supplies of water beyond their historic charter. The State Water Project is delivering only 10% of the historical allocation and the Colorado River supply allocation was reduced 25% in 2022.

Metropolitan Water District is in the water movement business and is not historically tasked with securing new sources of water. As the leading water agency in Southern California, MET has not taken on this responsibility. Their supply of water is dependent on precipitation. When the water allocation was reduced from the State Water Project, MET had to switch many of its customers to the Colorado River. However, numerous articles have documented that the lakes on the Colorado River (Mead and Powell) are at the lowest levels since they were built, and their future viability is at question due to a decade's long drought in the west.



The State Water Project⁴ includes 700 miles of delivery canals (California Aqueduct) that serves 27 million people and irrigates 750,000 acres of farmland, which supplies fifty percent of the United States' produce. The project originated in 1960 and although it is well maintained, it has not been upgraded in years. The water for the State Water Project comes primarily from the Sacramento-San Joaquin Delta. When forming its water strategies, Orange County needs to recognize that the State Water Project's reliability is in doubt due to its 53-year history of not being adequately maintained.

The Colorado River has been in the news due to the drought reducing its flow over the past twenty years. The agreements regarding the allocation of Colorado River water are set to expire in 2026 and are currently being renegotiated. Water levels at Lake Mead and Lake Powell have dropped significantly, and experts say it would take at least 10 years of above average precipitation to restore them. Orange County should simply not rely upon the Colorado River as a dependable supply, now or in the future.

Following numerous interviews and a thorough review of project documentation, the Grand Jury reached several conclusions regarding MET programs to replace dwindling

water supplies. Most notable is that the Carson wastewater reclamation project is years away from being completed and 20 years behind similar projects in Orange County. Overall, MET cannot be expected to significantly replace the reductions in water allocations from the Colorado River and the State Water Project within the next decade.

“MET water will not be reliable for at least a decade and Orange County needs to consider developing other resources to make up for this lack of reliability.”

Municipal Water District of Orange County (Water Wholesaler)

The Municipal Water District of Orange County (MWDOC) is primarily a wholesale water provider and, to a lesser extent, a water resource development and planning agency for nearly 3.2 million Orange County residents, and businesses. MWDOC buys imported water from the California State Water Project in Northern California and the Colorado River through the Metropolitan Water District of Southern California. MWDOC has four representative seats on the Metropolitan Water District (MET) Board. Through its member agencies, MWDOC covers all of Orange County except the Cities of Anaheim, Fullerton, and Santa Ana.

Orange County must import water due to limited local water supplies. Central and North County import approximately 30% of their water to supplement its existing supply. However, South County is highly reliant on the Municipal Water District, as South County water districts must import 90% of their water supply from outside of Orange County.

The Municipal Water District of Orange County is extremely important as a wholesaler or broker to the retail water districts in Orange County and as a representative of Orange County’s interest on the Metropolitan Water District Board.

MWDOC has completed a comprehensive study of Orange County’s water reliability needs that could serve to achieve a climate resilient water supply. The study covers MET system reliability and Orange County projects including desalination projects, water shed projects, and water banking projects. The study also identifies the crisis Orange County is facing – by 2030, eight out of every ten years can be expected to be in drought. However, the study is devoid of information about financing and implementation, and its conclusions rely too much on MET efforts that are decades behind where they should be.

Based upon this study and MWDOC’s countywide area of responsibility, MWDOC could conceivably lead Orange County’s efforts to plan, finance, and implement water source and supply projects.

MWDOC serves no other purpose than to distribute water and has not attempted to expand its supply of water beyond its engagement with the MET. Previous Orange

County Grand Juries have recommended that the MWOC and OCWD merge for a more efficient and streamlined approach towards water management.

Orange County Water District (Water Wholesaler)

The Orange County Water District (OCWD) provides water to 2.5 million residents in North and Central Orange County. The District effectively manages the Orange County groundwater basin that provides approximately 77% of water used in the region. It supplies the 19 cities and retail water agencies in Central and North Orange County with potable water. As the sole adjudicator of Orange County's ground water basin, the agency plays a vital role in assuring the aquifer is effectively managed.

The Orange County Water District has been a true innovator in water management and operates the world's largest water purification replenishment system for indirect potable water use. Over 130 million gallons per day are recycled into the Orange County aquifer, thus replenishing this vital resource. It has exhausted the wastewater supply available for recycling through its comprehensive efforts.

The management of Orange County's underground reservoir has been exceptional. OCWD has also implemented a regional groundwater banking program to assure long-term reliability and increasing stormwater capture behind Prado Dam where water eventually gets released and recharged into the Orange County aquifer, thus becoming part of the local water supply.

Despite its absolute success at recycling, the Orange County Water District must still import 23% of its water brokered by the Municipal Water District of Orange County through the Metropolitan Water District. The local Orange County ground water basin is simply not large enough to meet demand.

Water Retailers

The **Irvine Ranch Water District** serves a large Orange County populace of 600,000, primarily in the Cities of Irvine, Lake Forest, parts of the Cities of Orange, Costa Mesa, Tustin, and Newport Beach. IRWD provides water as well as reliable sewage collection and treatment. The combination of being a water retailer combined with managing sewage treatment has allowed IRWD to implement groundbreaking recycling water programs for non-potable use and innovative urban runoff programs. The district relies partially on the Orange County basin for its water supply, but also is dependent on 20% of imported water from the Municipal Water District of Orange County.

As an innovator, the IRWD secured rights to the Kern water basin for water storage. This storage reduces its reliance on Metropolitan Water District and provides access to a potential supply of water in an emergency. Through conservation and water efficiency programs, IRWD has reduced overall water consumption year over year allowing development to continue to move forward unabated within the jurisdiction it serves. However, growth in community development exposes IRWD to shortages as its allocation of imported water is determined by Municipal Water District of Orange County.

The **Moulton Niguel Water District** serves 170,000 residents in South Orange County, and is highly dependent on imported water from the Municipal Water District of Orange County (in excess of 90% of its potable water). Therefore, the District has made a major effort to drive efficiency and conservation efforts, which have been successful in reducing water utilization and continue to allow local development. Negotiations are underway with local sanitation districts to attempt to initiate recycling programs for the betterment of the community. The collaboration with South Orange County Wastewater Authority (SOCWA) has been less than cooperative thereby impeding recycling efforts. Should the Municipal Water District of Orange County fail to deliver the required water, Moulton Niguel Water District is highly vulnerable to supply disruption.

The **Rancho Santa Margarita Water District** (RSMWD) imports 100% of its potable water from the Municipal Water District of Orange County and services over 200,000 residents in south Orange County, primarily the eastern portion of Orange County from Mission Viejo to San Clemente. As a result, the District has committed to developing local reliable drinking water supplies. RSMWD constantly monitors opportunities to enhance its water portfolio. The current major effort is the San Juan Watershed project that will capture local stormwater runoff as well as directing recycled water to recharge the local underground aquifer.

Conservation water efficiency efforts have also played a major role to minimize water usage. Within RSMWD's service area, there are major communities being planned. The planned communities under development, Los Flores and the Ranch, will add 15,000 homes or approximately 60,000 additional residents to the District's customer base. With this development the water demand will increase and therefore will increase the need to import water. Should Municipal Water District of Orange County fail to deliver required water, RSMWD is highly vulnerable to supply disruption.

The **South Coast Water District** (SCWD), like other south Orange County water districts, is highly dependent on imported water from the MWDOC. SCWD serves 35,000 residents and 2 million visitors a year. SCWD relies on 90% of its potable water being supplied by the MWDOC. SCWD is to be applauded in its attempt to expand its efforts to decrease its dependence on imported water. Recently, SCWD was granted approval to proceed with an ocean desalination plant of 5 million gallons of water a day. The plant is to be built within the next five years. SCWD is working to maximize recycling efforts to minimize reliance on imported water. Major conservation and water efficiency programs have been implemented locally. Until the desalination plant comes online, and should MWDOC fail to deliver required water, SCWD is highly vulnerable to supply disruption.

Until the desalination plant comes online, and should MWDOC fail to deliver required water, SCWD is highly vulnerable to supply disruption.

Other Orange County Water Suppliers. Water wholesalers in Orange County work with local water retailers to provide water to their residents. The Orange County local retailers include 29 cities and local water districts.

Most of the cities and water agencies have implemented programs to minimize water utilization to become more efficient. They are to be applauded for their efforts.

South Orange County retailers Moulton Niguel Water District, Rancho Santa Margarita Water District, and South Coast Water District are highly dependent on the importation of water, in excess of 90% of total local demand.

Irvine Ranch Water District is included because of the unique characteristics that were identified during the course of this investigation. Specifically, the Grand Jury noted its creativity in securing potential sources of water coupled with the continued development of the Irvine Ranch and water required to serve new residents.

South Orange County retailers are highly dependent on the importation of water for more than 90% of local demand. The Grand Jury's investigatory efforts have included a focus on this dependency.

State of California Managed Supplies

The State of California is responsible for operating the State Water Project, planning and implementation of statewide projects for water supply, State bond financing for projects, and management of federal and State funding programs. These have been insufficient to address the threats to Orange County water supply.

Water management in California is very complex. There are numerous constituents placing a huge demand on water resources: agriculture, urban centers, industry, business, developers, tourism, and residents. This pressure coupled with an antiquated water structure with hundreds of water wholesalers and retailers makes a challenging dynamic.

Environmental pressure exacerbates the challenge. The State's lack of long-term solutions to California's water needs is not new. No new reservoirs have been built since the 1970's when the population was 20 million people. 50 years later, California's population has almost doubled to 39 million. For years, the State has studied proposals to secure additional supplies of water by moving water from the Sacramento delta to Southern California through the California Water Project, with no discernable results. The project is needed to protect the existing water supply and secure additional water but has been bogged down by debate about approach and environmental review.

No new reservoirs have been built since 1970 when the population was approximately 20 million, yet California's population has almost doubled to 39 million.

In 2014, a bond initiative was passed to provide \$7.3 billion in funding for 10 new reservoirs and other water related projects, yet the reservoirs have not been completed. The recent rains that swept California this winter resulted in billions of gallons of water flowing out to sea.⁵ The California Natural Resources Agency maintains a web page that shows the progress of the bond issue.⁶ The web page shows most of the funds have been committed but lacks information regarding what has been accomplished.

In terms of planning, in August 2022, the California Environmental Protection Agency issued a major report entitled “California Water Supply Strategy – Adapting to a Hotter, Drier Future, California Agencies.”⁷ But the strategy does not detail schedules or actions or assign resources or funding. In the report, the Newsom administration points out that in order to deliver the pace and scale of projects necessary to meet California’s water crisis, the State’s regulatory structures must be modernized so that “State agencies can assess, permit, fund and implement projects at the pace this climate emergency warrants.” The report does not describe how Newsom’s directive is to be understood or executed. Other relevant State reports touching upon State water resources include those on climate change, water supply assessment, and an analysis of recent droughts. While all these reports help identify problems, they provide few and limited actionable recommendations.

The California State Water Control Board is the State’s key water agency, yet its focus on water supply is not clear. Other State agencies that have water oversight include: the Department of California Water Resources, the California Water Commission, and the National Resources Agency, and State Conservancies, such as the Sacramento-San Joaquin Delta Conservancy that are involved in water grants and planning. The State environmental and river basin authorities also complicate planning and actions. There seems to be no coordinated focus on water supply.

The Sacramento-San Joaquin levees are very important to the State Water Project. They protect the integrity of the system. For decades, the levees have been identified as needing bolstering, yet this has not been done. If the levees fail or are breached there will be an influx of brackish water from the San Joaquin Delta that will contaminate the fresh water in the Project, making it unusable. The recent rains have focused the need for action, yet nothing is likely to be done anytime soon. As an example, the need to capture and store rainwater in aquifers has been recognized for decades, yet the recent rainfalls show little has been done.

Recently, the State initiated the Delta Conveyance Project (DCP). This is a joint powers authority formed to help ensure water supply reliability for the State Water Project and to adapt to forecasts of future changes in precipitation and seasonal flow patterns due

to climate change. An important part of the DCP is a proposed tunnel under the Delta. The concept for the project originated in the 1970s and subsequent versions included the Trans-Delta System, Peripheral Canal, Bay Delta Conservation Plan, and the California Water Fix (a dual tunnel). The Delta Conveyance Project faces strong opposition from environmentalists. The prospect of the project being completed in a timely manner, if at all, is doubtful.

Governor Newsom himself noted the difficulty of getting water projects going in his statement at an August 2022 news conference: “The time to get these damn projects is ridiculous,” Newsom said. “It’s absurd. It’s reasonably comedic. In so many ways, the world we invented from an environmental perspective is now getting in the way of moving these projects forward.”⁸ Projects take decades to accomplish, if they are completed at all. The State cannot be relied upon for consistent water delivery in wet or dry years.

Water management in California can best be summed up as always studied but never resolved. The impacts of this paralysis mean that Orange County cannot currently rely on the State to identify or secure a new source or supplies of water.

Federal Intervention

California may have to reduce its reliance on Colorado river water under a proposal by the U.S. Department of the Interior, unveiled on April 11, 2023, that upends the longstanding system of water rights. The Department proposed two methods for reducing water usage by as much as 25% in 2024. The seven states utilizing the Colorado river have been negotiating with each other since August 2022 to make voluntary cuts. To date no agreement has been reached.

The U.S. Bureau of Reclamation, part of the U.S. Department of the Interior, warned that it would impose large cuts if the states relying on the river did not come up with a plan by January 31, 2023. The states failed to do so. Although California has experienced an unusually wet winter, this has not changed the Colorado River’s longstanding challenges amid a much drier climate.

The rationing of water from the Colorado River basin appears inevitable at the time of this report, disrupting the long-tenured stability of Southern California’s imported water supply. It reinforces the idea that the time to act for securing a new source of water for Orange County is now.

Water Justice

As the demand for water increases, not only to sustain the status quo but also for development, equal access to water must also be addressed. What regions will be entitled to preserve their way of life and what regions will have to compromise?

The cost of obtaining and distributing water is equally important to water justice. The projects required to ensure a reliable water supply are costly and, if delegated to the ratepayers, may have a significant impact on lower income households. Traditionally,

major water projects have been financed through state and federal governments or through special tax assessments. This is an easier burden on lower income groups than strictly through rate structures. Orange County should develop a funding strategy for water projects that is acceptable to rate-payers and does not overly burden lower income groups.

Orange County should develop a funding strategy for water projects that is acceptable to rate-payers and does not overly burden lower income groups.

Actions to Secure and Strengthen Supply

Numerous initiatives and projects have been planned to improve and strengthen the existing supply systems:

- 1) water banking,
- 2) purchasing water rights,
- 3) recycling water,
- 4) reuse of water for potable purposes,
- 5) aquifer management,
- 6) utilization of other supplies, and
- 7) water efficiency.

However, these projects are years behind schedule and taking an extraordinarily long time to complete. These initiatives are important to point out as efforts, but it must be noted that by themselves, they are not solutions to Orange County's water reliability. The Grand Jury's evaluation of these efforts is included in Appendix A "Local Agency Action to Secure Water Supply."

The efforts to diversify the water portfolio and make the existing supply more resilient are commendable, but a new source is also needed.

Effective Management of Initiatives

Orange County needs an entity to champion and lead the efforts to develop a water source that will enhance the reliability of existing water supplies. Orange County water suppliers have completed and are engaged in several projects to improve the resilience of our water supply, but efforts for the whole County have been limited. A countywide effort to develop a drought-resistant source of water is necessary due to climate change.

Effective countywide management of water resources would alleviate the jurisdictional issues that have hampered the development of recycled water in South County including shared use of the aquifer for all of Orange County. A Climate Resiliency District could serve this purpose.

A Climate Resiliency District is authorized by the Climate Resilience District Act, codified in California Government Code Sections 62300-62312. Section 62301 describes the legislative intent of the Act:

It is the intent of the Legislature in enacting this division to provide the ability for local governments to create districts for the purpose of addressing climate change effects and impacts through activities and actions that include mitigation and adaptation, as necessary and appropriate, to achieve all of the following:

(a) Providing a sustained and certain level and source of funding at the local level.

(b) Allowing activities and actions on an appropriate geographic basis.

(c) Facilitating the receipt and use of federal, state, local, and private funds.

The purpose of the Climate Resiliency District would be to promote a project that addresses drought, including multiuse land repurposing, groundwater replenishment, groundwater storage, or conjunctive use.⁹ It is envisioned that a Climate Resiliency District would be capable of planning and financing water source projects such as desalination that are beyond the means of existing Orange County water agencies.

There were concerns about a Climate Resiliency District expressed by some water district leaders interviewed by the Grand Jury. They stated that a Climate Resiliency District might be another level of bureaucracy that could impede the pursuit and development of their own projects. However, these concerns would carry more weight if planned projects were actually being implemented.

Alternative structural entities could be a joint powers authority (JPA) created for this purpose, either spearheaded by Orange County Water District (OCWD) or Municipal Water District of Orange County (MWDOC), or a collaborative effort between both.

The Joint Exercise of Powers Act, codified in California Government Code Section 6500 et seq., authorizes two or more public agencies, by agreement, to exercise any power common to the agencies to provide more effective or efficient government services or to solve a service delivery problem. A JPA could plan, finance, and implement water source and water supply projects. Similarly, Orange County Transportation Authority (OCTA) was created in 1991 to fund, plan, and implement transit and capital projects. OCTA has been successful in solving some of Orange County's transportation needs. A JPA focused on Orange County's water needs could similarly succeed.

Forming a JPA to comprehensively address all of Orange County's water needs would ultimately require the cooperation of 29 entities including special water districts and cities that supply water. The political effort required for this cooperation would be significant and would require a new approach towards such collaboration.

Either separately or cooperatively, OCWD or MWDOC could take the lead for the planning, financing, and implementing of water source and supply projects to the benefit

for all of Orange County. Unifying the water districts is also a possibility, as previously reported by the 2021-2022 Grand Jury.¹⁰

Through its member agencies, MWDOC covers all of Orange County except the Cities of Anaheim, Fullerton, and Santa Ana. MWDOC has completed a comprehensive study of Orange County's water reliability needs that could serve as means to achieve a climate resilient water supply.¹¹ The study covers MET system reliability and Orange County projects including desalination projects, watershed projects, and water banking projects. The study clearly identifies that Orange County is facing a water crisis, and forewarns that by the year 2030, eight out of every ten years can be expected to be dry. Based upon this study and MWDOC's countywide charter, MWDOC could accept responsibility to lead Orange County's efforts to plan, finance, and implement water source and supply projects. However, the study would need to be updated, as it is totally devoid of financing and implementation data, and it relies too much on MET efforts that are decades behind where they should be.

Orange County needs a champion to lead the efforts to develop a water source and to enhance the reliability of existing water supplies. OCWD and MWDOC have planned but failed to implement a solution, and a joint powers authority requires a level of political cooperation that may not be possible with 29 separate water agencies. Therefore, the County of Orange should initiate the Climate Resiliency District to plan, finance, and implement water supply projects to meet future conditions and needs.

Orange County needs a champion to lead the efforts to develop a water source and to enhance the reliability of existing water supplies

Public Awareness of the Need for Action



Public awareness of the consequences of current and future climate change is important as a catalyst for adapting to the change. In the past several months, there have been numerous newspaper and magazine articles on water concerns in California and the Western United States. There have also been at least two television documentaries. Many local water agencies have included fact sheets and other information on their web pages and in monthly statements warning of the water “crisis”. These messages have resulted in increased public awareness but more needs to be done. Public education to promote projects to address the crisis is a must.

As a result of increased public awareness, water agencies have noticed a decrease in per-capita water usage. The public is using water more efficiently. However, several Grand Jury interviewees noted that we cannot conserve our way out of the drought. Solving Orange County’s future water shortfall through conservation alone would require drastic changes in water usage and would likely meet strong public resistance. Additional efforts are needed to inform the public of potential lifestyle changes if additional water sources and supplies are not developed.



Some water agencies in Orange County have conducted public campaigns to make the public aware of the need to increase rates. The rate increases are for projects to increase the water supply and source resiliency of the agency. South Coast Water District's outreach to its customers has been most notable and enabled the District to proceed with community support for the Doheny Desalination Project.

The public needs to be galvanized to move forward. The Grand Jury recommends that the County Board of Supervisors lead a countywide campaign to mobilize the public in support of new water sources that will make the supply systems more efficient and resilient.

Effect on Local Economy

If no new sustainable source of potable water is developed there will be an adverse impact on Orange County. While North Orange County has an underground aquifer with a substantial amount of water, South County is almost entirely dependent upon external supplies. Major strides have been made in recycling water for industrial and landscaping purposes, but there is still a shortage of potable water with the only current source of "new" water being the Doheny Desalination plant, which will take years to complete and probably not begin operations until 2028. Capital costs of building a desalination plant are generally beyond the capability of a single water district.

Water supplies collected through precipitation are the most economical but the most unreliable. There are insufficient storage facilities in Orange County for capturing precipitation and there are no aquifers in South County.

The State of California has mandated that municipalities create new housing opportunities, particularly low-income housing. Developers are required to install water saving features such as low-flow toilets and showers, water-saving washing machines and drought-resistant landscaping, all of which increase the cost of building. These features do not offset the effects of the drought, and experts predict an eventual shortage of water would result in a moratorium on development.

Businesses and industries such as retailers, manufacturers, and theme parks rely on clean and dependable water. If they cannot depend on the local suppliers their enterprises are at risk. Homeowners, as ratepayers, are likely to see increases in their water bills due to increased costs of purchased water by the wholesalers and retailers.

Severe drought, causing major reductions in river flow, has an adverse effect on hydroelectric plants resulting in shortages of power to the grid. Developing an alternative source of water (desalination) reduces the reliance on this supply for consumption, thus making more available for power generation.

... experts predict an eventual shortage of water would result in a moratorium on development.

Drinking Water Obtained from the Sea

South Orange County imports 90% of its drinking water, with most of it currently coming from the Colorado River. The allotment of water from the river is at serious risk and will likely be significantly reduced. In recent years, not enough precipitation has fallen to meet Orange County's drinkable water needs, and there is no way to make it rain or snow.

Seawater can be made into fresh potable water in a process called desalination, one of the solutions being considered to resolve this looming crisis. However, the Grand Jury determined that desalination is not being implemented fast enough. Although ocean desalination currently requires an initial capital investment and high operating costs and raises environmental challenges, critics acknowledge it would make a significant contribution to Orange County's water portfolio.¹²

Desalination is being used increasingly around the world to provide people with needed freshwater.¹³ According to the International Desalination Association, more than 300 million people around the globe receive their water from desalination plants.¹⁴

Multiple desalination plants are under consideration in California, with only a few in operation. The Carlsbad Desalination Plant, near San Diego, provides approximately ten percent of the freshwater used in the region, and Santa Barbara is currently

upgrading an older plant. Recently, two new seawater plants have received approval to begin construction: one on the Monterey Peninsula, and the Doheny Plant in Dana Point. Orange County must consider the benefits of a high-capacity facility as a means towards self-sufficiency.

Current challenges to desalination include planning, construction costs, impact on marine life from saltwater intake, high energy demands, operating complexities, difficulty of cycling plants on and off, and disposal of concentrated salt brine.

Desalination challenges are mitigated by creating economies of scale with high volume production and careful planning, selecting suitable locations, and technological improvements. For example, the Carlsbad plant produces 50 million gallons per day or more than 56,000 acre feet (AF) per year. The plant started operation in 2015 and reports that it produces water for ½ cent per gallon, or \$1600 per AF, in large part due to its high volume.¹⁵ For comparison, the MWDOC published rate as of January 1, 2023, is \$1,209 per acre foot.¹⁶ If Orange County were to establish a similar facility, it would offset the need for imported water and allow imported water to be redirected to other Southern California communities relying on importation, such as Inland Empire.

The length of time to plan, obtain permits, and construct a desalination plant can take decades. A proposed plant at Huntington Beach was in planning and permitting for over twenty years and ultimately was not approved. South Coast Water District began the initial steps for the Doheny Plant at Dana Point in 2016 and it is expected to be in operation by 2028.

Unless the State of California initiates methods for expediting the planning and approval processes, it can take at least as long as these two projects for any new ocean desalination plants. The State has shown it can accelerate the approval process as evidenced by the approval of SoFi Stadium¹⁷ in record time by enacting legislation that expedited the permit and environmental requirements without compromise.

It is well known that desalination has an impact on the environment, and we are fortunate to live in a state where protecting the environment is important. Engineers and water experts are researching how to integrate more renewable energy into the next generation of plants. The environmental impacts and costs of desalination should be compared against the full environmental impacts and costs of importing water from 700 miles away, not just wholesale rate costs as is usually done.

Orange County cannot continue to rely on imported water, nor can it ignore the fact that there is an immediate need to take advantage of the ocean as a drought-resistant source of water. According to the Grand Jury's research and interviews, the environmental concerns, surrounding intake and outflow of saltwater, and high electricity demand are being met as evidenced by the Doheny approval, therefore allowing desalination plants to operate. Orange County should embrace desalination as a major part of an overall local plan, not just a last resort.

COMMENDATIONS

South Coast Water District is to be commended for its strategic foresight. The District has recently gained approval for the Doheny Ocean Desalination Project for which they initiated feasibility studies in 2008. The plant is now anticipated to be operational in 2028. The Doheny Ocean Desalination Project is a new, reliable, local, and drought-proof water supply. The Doheny Ocean Desalination Project is the first desalination project in the State of California to be fully compliant with the California Ocean Plan.¹⁸

Orange County Water District successfully manages the aquifer under Central and North Orange County for the benefit of multiple water suppliers. It has also built the Groundwater Recovery System (GWRS) to treat wastewater to potable levels for supplementing the aquifer. Recently, it expanded and commissioned the GWRS. The Orange County Grand Jury commends OCWD for its work.

The water suppliers for Orange County have undertaken numerous initiatives to increase the resiliency of their water supplies. The Orange County Grand Jury commends these suppliers for their efforts and encourages them to continue pursuing expanded opportunities.

The Orange County public has significantly reduced the per-capita water usage through conservation efforts. This is important to maximizing the water supply. The Orange County Grand Jury commends the public for these efforts.

The Orange County Grand Jury commends the leadership of MWDOC and OCWD for their continued negotiations regarding merger.

The Orange County Grand Jury commends the Southern California news media for their continued efforts in reporting on the critical nature of our water supply.

FINDINGS

In accordance with California Penal Code Sections 933 and 933.05, the 2022-2023 Grand Jury requires (or, as noted, requests) responses from each agency affected by the findings presented in this section. The responses are to be submitted to the Presiding Judge of the Superior Court.

Based on its investigation titled “**Historic Rain, Yet Drought Remains**,” the 2022-2023 Orange County Grand Jury has arrived at the 12 principal findings, as follows:

- F1** Future water supplies are impacted by climate change and current supplies will not meet future demands.
- F2** Climatologists predict future extended periods of low moisture with occasional wet years.
- F3** Climate change is inevitable and is exacerbated by human behavior.

- F4 South Orange County relies primarily on the importation of water.
- F5 Local water suppliers recognize that enhanced stormwater capture and storage, wastewater recycling, and infrastructure improvements will not be sufficient to address the long-term forecast of drought and its effects on supply.
- F6 There is significant water infrastructure planning, but inadequate implementation.
- F7 The review and approval process for major water capital projects is cumbersome and overly restrictive.
- F8 Failing to find solutions to water shortages will have a significant impact on the Orange County economy.
- F9 Continued development in Orange County creates additional water supply needs.
- F10 Conservation and efficient use of water is essential.
- F11 Increased outreach and public education are necessary.
- F12 Desalination has proven to be technologically and environmentally feasible and is slowly being embraced as a drought-resistant source of water.

RECOMMENDATIONS

In accordance with California Penal Code Sections 933 and 933.05, the 2022-2023 Grand Jury requires (or as noted, requests) responses from each agency affected by recommendations presented in this section. The responses are to be submitted to the Presiding Judge of the Superior Court.

Based on its investigation titled “**Historic Rain, Yet Drought Remains,**” makes the following four recommendations:

- R1 The County of Orange Board of Supervisors should take a leadership role by the end of calendar year 2023 to explore the establishment of a “Climate Resiliency District” or Joint Powers Authority to fund and expedite implementation of a drought-resistant source of water. F1, F2, F3, F4, F5, F6, F7, F8, F9, F12
- R2 Orange County water agencies should expedite the planning, development, and construction of desalination plants over the next five years to insure a sustainable and reliable drought-resistant source of water. F1, F2, F3, F4, F5, F6, F7, F8, F9, F11, F12
- R3 The County of Orange and all Orange County cities should formulate an emergency development moratorium plan in anticipation of the Colorado River water supply being constrained. The emergency moratorium plan should be developed by the end of calendar year 2023. F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12

- R4** Orange County water agencies should update their public communication strategies, by calendar year end 2023, to inform the public of lifestyle changes if additional water sources are not developed. F10, F11, F12

REQUIRED RESPONSES

Findings – 90 Day Response Required

County of Orange Board of Supervisors	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Municipal Water District of Orange County	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Orange County Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Irvine Ranch Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Moulton Niguel Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Santa Margarita Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
South Coast Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12

Recommendations – 90 Day Response Required

County of Orange Board of Supervisors	R1, R3
Municipal Water District of Orange County	R2, R4
Orange County Water District	R2, R4
Irvine Ranch Water District	R2, R4
Moulton Niguel Water District	R2, R4
Santa Margarita Water District	R2, R4

Recommendations – 90 Day Response Required

South Coast Water District R2, R4

REQUESTED RESPONSES

Findings – 90 Day Response Requested

East Orange County Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
El Toro Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Anaheim	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Santa Ana	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Fullerton	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Emerald Bay Service District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Golden State Water Company	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Laguna Beach County Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Mesa Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Serrano Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Trabuco Canyon Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Yorba Linda Water District	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of San Juan Capistrano	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of San Clemente	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Tustin	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Fountain Valley	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12

Findings – 90 Day Response Requested

City of Westminster	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of La Habra	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Brea	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Buena Park	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of La Palma	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Seal Beach	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Huntington Beach	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Garden Grove	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
City of Newport Beach	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Santa Ana Water Shed Project Authority	F1, F2, F3, F5, F6, F7, F8, F9, F10, F11, F12
Metropolitan Water District of Southern California	F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12

Recommendations – 90 Day Response Requested

East Orange County Water District	R2, R3, R4
El Toro Water District	R2, R3, R4
City of Anaheim	R2, R3, R4
City of Santa Ana	R2, R3, R4
City of Fullerton	R2, R3, R4

Recommendations – 90 Day Response Requested

Emerald Bay Service District	R2, R3, R4
Golden State Water Company	R2, R4
Laguna Beach County Water District	R2, R3, R4
Mesa Water District	R2, R3, R4
Serrano Water District	R2, R3, R4
Trabuco Canyon Water District	R2, R3, R4
Yorba Linda Water District	R2, R3, R4
City of San Juan Capistrano	R2, R3, R4
City of San Clemente	R2, R3, R4
City of Tustin	R2, R3, R4
City of Fountain Valley	R2, R3, R4
City of Westminster	R2, R3, R4
City of La Habra	R2, R3, R4
City of Brea	R2, R3, R4
City of Buena Park	R2, R3, R4
City of La Palma	R2, R3, R4
City of Seal Beach	R2, R3, R4
City of Huntington Beach	R2, R3, R4
City of Garden Grove	R2, R3, R4
City of Newport Beach	R2, R3, R4
Santa Ana Water Shed Project Authority	R2, R3

Recommendations – 90 Day Response Requested

Metropolitan Water District of Southern California R2, R3, R4

GLOSSARY

Acre-feet

The unit of volume typically used to describe the quantity of water stored in large reservoirs and aquifers and delivered through large conveyance systems for irrigation use and for treating for public use. An acre-foot is one surface acre that is one foot deep and is equal to 325,851 gallons.

Aquifer

An underground layer or body of permeable rock, sediment, or soil that can store and yields water. Orange County has a large aquifer underlying North and Central County.

California State Water Project (CSWP)

A multi-purpose water storage and delivery system that extends more than 705 miles and includes a collection of canals, pipelines, and reservoirs to deliver water to 27 million Californians, 750,000 acres of farmland, and businesses throughout the state.

Conjunctive Use

Using surface water in wet years and storing as groundwater for use in dry years. Surface water is injected directly into aquifers and wells to be used as needed as part of groundwater banking or is stocked in ponds or basins and then allowed to percolate naturally into aquifers.

Desalination

The process of removing salt from brackish water or seawater. For the purposes of this report, desalination is used primarily in terms of sea or ocean water.

Direct Potable Water Reuse

The process by which recycled wastewater is treated to a high degree suitable for potable use and placed directly into potable distribution systems. California has recently created regulations for direct potable water reuse.

Drought

A prolonged period of low or no rainfall that causes water scarcity and affects ecosystems, agriculture, and human health.

Gray Water

Wastewater from bathtubs, shower drains, sinks, washing machines and dishwashers; however, some plumbing codes exclude water from sink and dishwasher as being classified as gray water.

Ground Water Recovery System (GWRS)

Operated by Orange County Water District, the system takes highly treated wastewater that would have previously been discharged into the Pacific Ocean and purifies it to potable standards.

Potable Water Reuse Indirect

Treatment of water such as recycled wastewater, to a high degree suitable for potable purposes and uses an environmental buffer, such as a lake, river, or a groundwater aquifer, before the water is treated again and utilized as potable water. This process is used by Orange County Water District at GWRS to treat water and replenish the aquifer under North and Central Orange County.

Recycled Water

Water reuse (also commonly known as water recycling or water reclamation) reclaims water from a variety of sources then treats and reuses it for beneficial purposes such as agriculture and irrigation, potable water supplies, groundwater replenishment, industrial processes, and environmental restoration. For the purposes of this report, recycled water comes primarily from highly treated wastewater.

Reverse Osmosis

A process of producing pure water by forcing it through a semipermeable membrane that only allows water to pass. It is the primary method for large scale desalination and is also used as one of the final treatment steps for producing potable water from wastewater.

Sustainability

The long-term viability of a community or practice.

Urban Runoff

As commonly referred to in Orange County, surface runoff during dry weather of landscape irrigation, and car washing created by urbanization. It can also refer to the stormwater runoff over impervious surfaces (roads, parking lots and sidewalks). The concern with urban runoff is possible contamination of surface and groundwater.

Water Banking

The practice of forgoing water deliveries during certain periods, and “banking” either the right to use the water in the future or saving it for someone else to use in exchange for a fee or delivery in kind. Typically, in Southern California, it is stored in aquifers.

Water Source

As used in this report, a water source is defined as the ocean or precipitation.

Water Suppliers

As used in this report, water suppliers include water districts and cities that provide water to the public.

Water Supply

As used in this report, water supply includes water derived from a water source and that is stored, conveyed, and utilized by the public.

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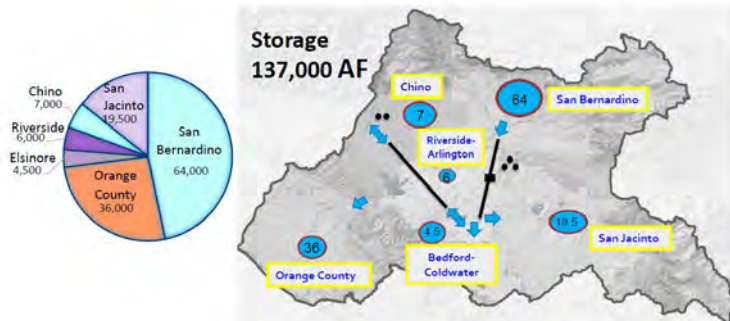
APPENDIX A: ACTIONS BY LOCAL AGENCIES TO SECURE SUPPLY

Water Banking:

Water banking may help with droughts but is only a part of the solution and it has yet to prove itself.

Water banking is being pursued Metropolitan Water District and various water suppliers. Simply put, water banking is a voluntary, market-based tool that could facilitate water transactions between willing sellers and buyers. Water right owners, who are willing to free up some of their water in a particularly dry year or years, would temporarily lease it to those who simply cannot afford to be without water. Water banking also takes water during periods when it is available and stores it. Banking water during wet years provides water districts with a cushion of protection during droughts. It also conserves any unused water, rather than letting it run out to the sea or be lost to evaporation. The storage is usually done in aquifers and generally not within the individual agencies area. The water banking agreements can be complex and depend upon broad cooperation among various agencies for delivery and storage.

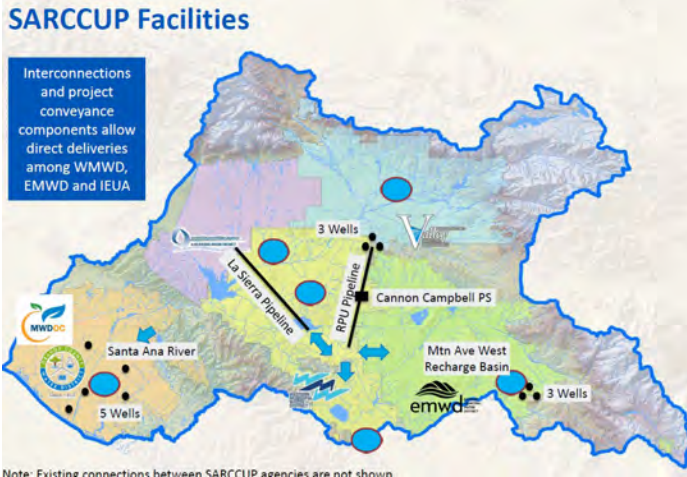
SARCCUP Water Bank Storage



Conjunctive use is a catchphrase for coordinated use of surface water and groundwater. The state considers water banking a “conjunctive use” and encourages such uses.¹⁹

On a statewide level, California has 517 groundwater basins.

Stanford’s Water in the West institute estimates that the capacity of underground water storage in California is at least 20 times greater than that of the state’s reservoirs and lakes. However, the means to store surplus water and return it in dry years is lacking. The Sustainable Groundwater Management Act of 2014 has created the opportunity to expand recharge basins and banking particularly in agricultural areas but to date, action is lagging.



The largest water banking project underway that affects Orange County is the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP). It is a regional program that involves several agencies in Orange County, Riverside County, and San Bernardino County. While a logical program to undertake, there are technical and distribution issues that must be worked out and these items may

take several years.

A more controversial banking program is the Cadiz project. The Cadiz Water Project is a water supply project to manage the groundwater basin underlying a portion of the Cadiz and Fenner Valleys in California’s Mojave Desert. At least one water agency in Orange County has considered this program as a potential source of water to meet their needs. The program has been promoted since 1997 and has yet to move forward. There are several environmental concerns with the program and concerns about transferring water between basins, particularly one under a desert. The Cadiz project currently is not viable supply of water.



There are criticisms of water banking and its effect on local communities. A Georgetown Environmental Law Review article in March 2022 stated, “While advocates of water banking believe its market-based approach will efficiently allow a reduction of use of water, especially during droughts, opponents may cite some examples of how letting the market take over may be detrimental to local communities.” Such concerns are valid and need to be considered prior to relying on water banking as the only solution to ensure water supply during times of drought.

Purchase of water rights

Temporary transfers of water from one water user to another have been used increasingly as a way of meeting statewide water demands, particularly in drought years. This has been done through the purchase of water rights. There are numerous articles concerning the possible negative effects of this practice, including the effects on less wealthy communities and agricultural. Due to these concerns, this practice should be limited. Farms in western Arizona are growing alfalfa – one of the most water-

intensive crops – in an area where there's a shortage of water. Some farms are foreign-owned and are shipping the crop to Saudi Arabia, where it's illegal to grow because it takes too much water.²⁰

Water sources cannot be bought or sold but the water taken from a lake, river, stream, or creek, or from underground supplies for a beneficial use, requires you have a water right.²¹ The right to use that water can be conveyed on a temporary basis. Temporary transfers of water from one water user to another have been used increasingly as a way of meeting water demands, particularly in drought years.

During interviews, the Grand Jury found the purchase of water rights to be widespread. Agencies stated the cost of acquiring water rights is significantly less than developing new sources. The practice includes asking agricultural users to allow their land to lay fallow.

There are numerous articles about making the agriculture industry more efficient. These effects, if they occur, will take time and be costly. Taking water from a major industry to satisfy urban demands is inherently wrong and will not solve the problem of extended drought.

Recycling Water

Recycled water offers Orange County a way to reduce water requirements but is limited by the amount of wastewater that can be recycled which in turn is dependent upon available water supply. It is an important piece of Orange County water resiliency but not a solution itself.

Recycled water is wastewater that has been treated to a level acceptable for landscaping and certain other industrial uses. The regulations regarding the use and stand for treatment of recycled water are referred to as Title 22.²² Orange County has been a leader in recycling of water through Orange County Water District and Irvine Ranch Water District.²³ Irvine Ranch Water District reports that 25% of the water it supplies is recycled. Recycled water replaces the need for using potable water.

Currently, various water districts are expanding their recycling systems by constructing additional reservoirs and distribution systems. The cities and water districts in Orange County have also been active in sponsoring legislation that supports recycling of water.

South Orange County Wastewater Authority (SOCWA) treats and distributes for reuse roughly six billion gallons of water every year.²⁴ However, not all SOCWA treatment plants are recycling as much as feasible, most notably the JB Latham Treatment Plant does not recycle any treated wastewater. During the interviews, different agencies noted there are jurisdictional friction that is being worked on to increase recycling and potentially water reuse in South Orange County. The Grand Jury strongly encourages cooperation or mergers that would increase recycling in South Orange County.

In summary, water recycling is an important part of Orange County's water supply and needs to be utilized to the maximum extent. However, it will not resolve water resiliency issues by itself and it relies on existing sources of water.

Reuse of Water for Potable Purposes

Reusing wastewater for potable purposes is an important part of North Orange County's water portfolio. Orange County Water District produces 130 million gallons of indirect reuse water per day. However, the amount reused water is dependent upon the diminishing supplies within Orange County.

Water reuse is used to enhance water security, sustainability, and resilience. The process of using treated wastewater for drinking water is called potable water reuse. Potable water reuse provides another option for expanding a region's water supply portfolio.

There are two types of potable water reuse:

- Indirect potable reuse: Uses an environmental buffer, such as a lake, river, or a groundwater aquifer, before the water is treated at a drinking water treatment plant.
- Direct potable reuse: Involves the treatment and distribution of water without an environmental buffer.²⁵

Orange County Water District has been providing indirect potable reuse. In the mid-1990s, OCWD began the planning and construction that created the Groundwater Replenishment System to produce indirect potable water. The process built upon an earlier process to produce water to prevent groundwater intrusion. The process took over ten years to implement and the system is working well. However, it should be noted as being limited because it relies upon a declining supply and it is a lengthy process.

Interviewees have noted that OCWD is considering direct potable reuse. The State of California is currently enacting regulations to enable direct potable reuse. One of the advantages of direct potable reuse is the elimination of the loss due to evaporation at the percolation ponds and the efficiency of direct use.

In summary, water reuse is a vital part of the portfolio of water for Orange County to insure water resiliency. Water reuse should also be expanded to the practical extent possible. The time to complete such projects is lengthy and needs to be started immediately. However, reuse is only part of the water needed by Orange County and the source problem needs to be addressed.

Aquifer Management

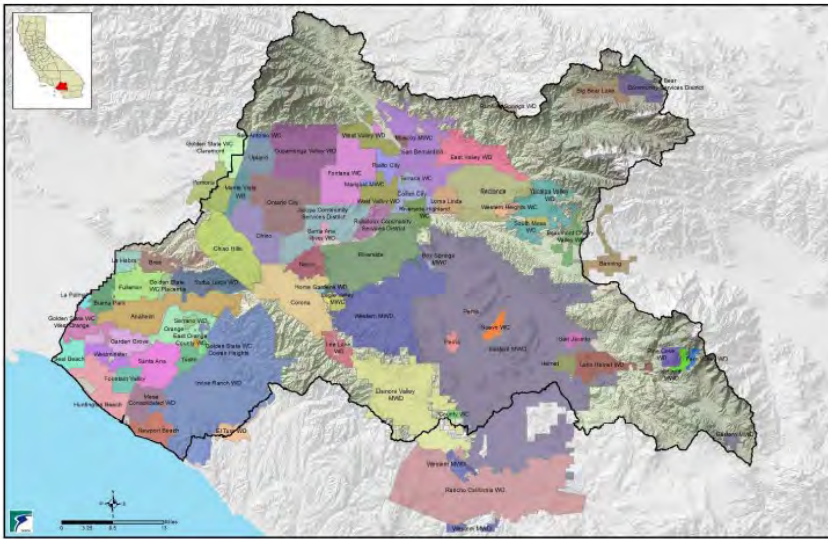
Managing the aquifer underneath North Orange County created a highly resilient source of water, but it is challenged by the climate change. The main and supplemental supplies of water are diminishing with less precipitation. The use of the aquifer for wet

weather storage has not met its potential due to challenges in trapping rainwater and runoff. The aquifer has not been made a regular source of water for all of Orange County which could ease South Orange County's supply problems.

The aquifer supplies approximately 72% of the water for North and Central Orange County. The aquifer is primarily supplied by runoff in the Santa Ana River and supplemented with water from the OCWD's Groundwater replenishment project and water purchased through MWD and MET.

OCWD has done well managing the aquifer for North and Central Orange County with existing flows. It has also taken steps to increase the supply of water by working with the Corps of Engineers to better manage the flow of water in the Prado Reservoir, expanding the groundwater replenishment system, and participating in the Santa Ana River Conservation and Conjunctive Use Program.²⁶ All of these steps reinforce the ability of the basin to supply water but do not in themselves assure an increased supply of water.

South Orange County can only receive water during times of emergencies but does not have regular access to the water. Interviewees noted there was a lack of ability to move water to South Orange County. Because South Orange County is almost 100% dependent upon water imported from MET, this is highly problematic during drought.



The Santa Ana River water basin covers San Bernardino and Riverside Counties as well as Orange County. The Santa Ana Watershed Project Authority (SAWPA) works to maintain the water quality in the Santa Ana River and is actively working on drought responses. According to its web site, "SAWPA's work in the Santa Ana River

Figure 4.3-1. Water Retail Service Areas in the Santa Ana River Watershed
 Watershed advances projects and programs that build water resiliency and promote collaborative, innovative responses to water planning, all of which help address drought conditions."²⁷ SAWPA also prepared a watershed management plan.²⁸

Urban Water Use Objective Formula (Simplified)



Weather modification and promoting water efficiency are the primary drought responses of SAWP. Through weather modification (cloud seeding) it hopes to achieve 5% more precipitation in specific types of storms.

The water efficiency approach is to help implement water use efficiency programs and conservation-based rate structures.²⁹ We were provided with no specifics regarding what percentage can be saved, but through interviews the Grand Jury learned that the savings are between 15% to 30%.

None of the initiatives by SAWPA are likely to have an impact on water supplies during prolonged California drought. Interviewees consistently stated that we cannot conserve our way out of a drought.

Adding to the concern about the Santa Ana River ground water supply basin is the Inland Empire’s future demands on the water. Development is rapidly taking place and surface water sources and water agencies are recycling water to greater degrees rather than discharging treated wastewater to the Santa Ana River.³⁰ The Inland Empire communities are largely dependent upon Metropolitan Water District supplies which are subject to drought.

Orange County Water District only has rights to withdrawing an adjudicated amount of 34,000-acre feet of water from the Santa Ana River. This is approximately half of the 70,000-acre feet typically used to manage the aquifer levels. OCWD typically purchases 30% of the water added to the aquifer from MWDOC. The water MWDOC supplies comes from Metropolitan Water District (MET). During late 2022, MET reduced the water from Northern California Sources to 5% of previous amounts. The water MET receives from the Colorado River is endangered as discussed elsewhere.

In summary, the Central and North Orange County aquifer has limits on its ability to supply water to Orange County. These include dependencies on water from Metropolitan Water District, which has had problems supplying water, and a potentially dwindling supply of water from the Santa Ana River. The aquifer is not a supply of water for South Orange County. The aquifer limitations reinforce the need for Orange County to provide for a more drought-resistant supply of water.

Utilization of other supplies

Besides the North/Central Orange County aquifer and those obtained from Metropolitan Water District, there are other insignificant supplies of water. These include surface water captured in Irvine Lake and the San Juan Creek Groundwater Basin in South Orange County. Neither of these are significant supplies of water.

Water Efficiency to Increase Supply

Orange County Water Districts have found they can reduce the immediate need for increasing water supplies by more efficient use of water. This certainly stretches the water supplies, but it is limited in its ability. Future water needs will require more than just efficient water use.

During the recent drought from 2011 to late 2022, Orange County Water Suppliers reduced the per-capita water use significantly by more efficient water use and conservation. This has allowed development to continue to occur even as the water supply was reduced.

Irvine Ranch Water District (IRWD) customers reduced their water use from 89 gallons per capita in 2007 to 67 gallons per capita in 2021.³¹ The area served by IRWD is a newer area where much of the landscaping is irrigated by recycled water and is drought tolerant. The IRWD also has extensive use of water saving plumbing in homes. Older areas of Orange County have also reduced per-capita water use. North and Central Orange County reduced water use from 330 acre-feet in water year 1999-2000 to 230 acre-feet in water year 2022-2023³² while the population grew slightly.³³

Water efficiency savings have been achieved by adopting water saving devices, changes in landscape practices, greater recycling of water, tiered water rates (higher users, higher rates) and the public's participation. Water suppliers have worked with users to identify the need for greater efficiency by promoting these changes. The State of California also mandated a 20 percent reduction in urban per-capita water use by 2020 in the Water Conservation Act of 2009.

The change to efficient use of water will need to become the future standard as water supplies diminish and as housing development increases. However, it is not reasonable to expect greater efficiency to make up for the reduction in supply caused by climate change. Several of the interviewees and many of the reference documents the Grand Jury reviewed stated Orange County cannot conserve its way out of a drought.

Besides the significant reduction in per-capita water use, greater savings may be made by more drastic changes in lifestyle. None of the information supplied by water suppliers and reviewed by the Grand Jury addressed these changes. As an example of lifestyle changes, areas such as Phoenix and Las Vegas have either adopted or are in the process of adopting drastic restrictions on landscape water use as a long-term

climate mitigation. Among these restrictions is a moratorium on development by restricting new water connections.³⁴

Continue efficient water use is needed for the future. Orange County has made significant changes in per-capita water use by being efficient, but any additional savings will only come through changes to lifestyle. This needs to be made clear to residents if additional efficiency is to be achieved, but even additional efficiency will not mitigate the effects of climate on Orange County’s current water supply. Ocean desalination is recommended as the ultimate answer to an untapped source of water and can secure Orange County’s future.

APPENDIX B: graphics of interest

Metropolitan Water District of Southern California, Municipal Water District Orange County and Orange County Water District Information Sheets

COLORADO RIVER AQUEDUCT (CRA)



242 MILES LONG

The Colorado River is an essential water supply for Orange County.



The CRA transports water 242 miles west from Lake Havasu on the California/Arizona border to Lake Mathews in Riverside County.



Owned and operated by MWD, the CRA began delivering water to southern California in 1941 and was the largest public works project in southern California during the Great Depression.

Five pumping plants push water through the aqueduct and up over 1,617 feet of mountainous terrain.

6 DIAMOND VALLEY LAKE (DVL) MONTHS OF EMERGENCY SUPPLY

Located in Riverside County, near Hemet, DVL is Southern California’s largest drinking water reservoir. DVL nearly doubles Southern California’s surface storage and provides six months of emergency water supplies for the region, protecting it against water shortages caused by drought and earthquakes.

DVL measures 4.5 miles long and over 2 miles wide, with a maximum depth of 285 feet. The lake holds up to 264 billion gallons of water and is home to one of 16 hydroelectric plants along the MWD distribution system.



STATE WATER PROJECT (SWP)

700+ MILES LONG

The State Water Project (SWP) is a water storage and delivery system that facilitates the transfer of water from the lakes and rivers of Northern California to residential communities, agricultural districts, and businesses in the San Francisco Bay area, Central Valley, and Southern California.

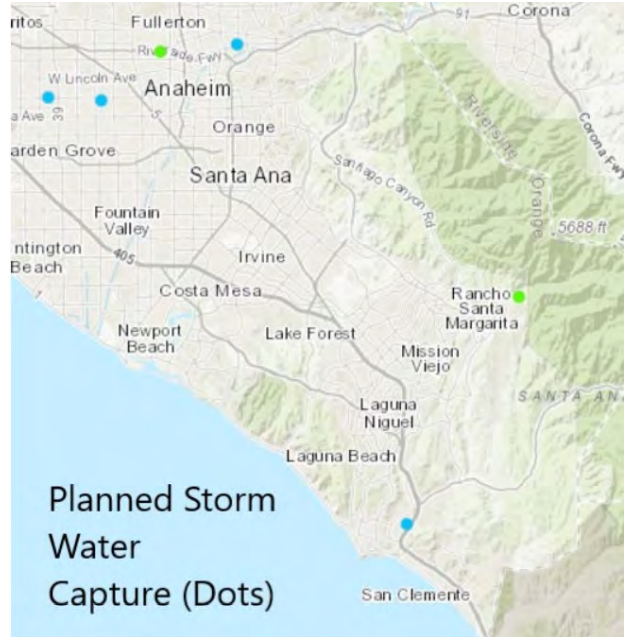
The SWP is the largest state built water delivery and power generation system in the nation, consisting of more than 30 lakes and reservoirs, over 20 water pumping plants, 5 hydroelectric power plants, several dams, and over 700 hundred miles of canals and pipelines.



WATER RECLAMATION

Wastewater has become an important source of water for California. Wastewater is processed at a water reclamation facility to remove solids and impurities, increasing the quality of water. The water, now clean, can be used for a variety of applications.

Reclaimed water is used for irrigation, toilet flushing, industrial purposes, and groundwater replenishment.



DIEMER WATER TREATMENT PLANT

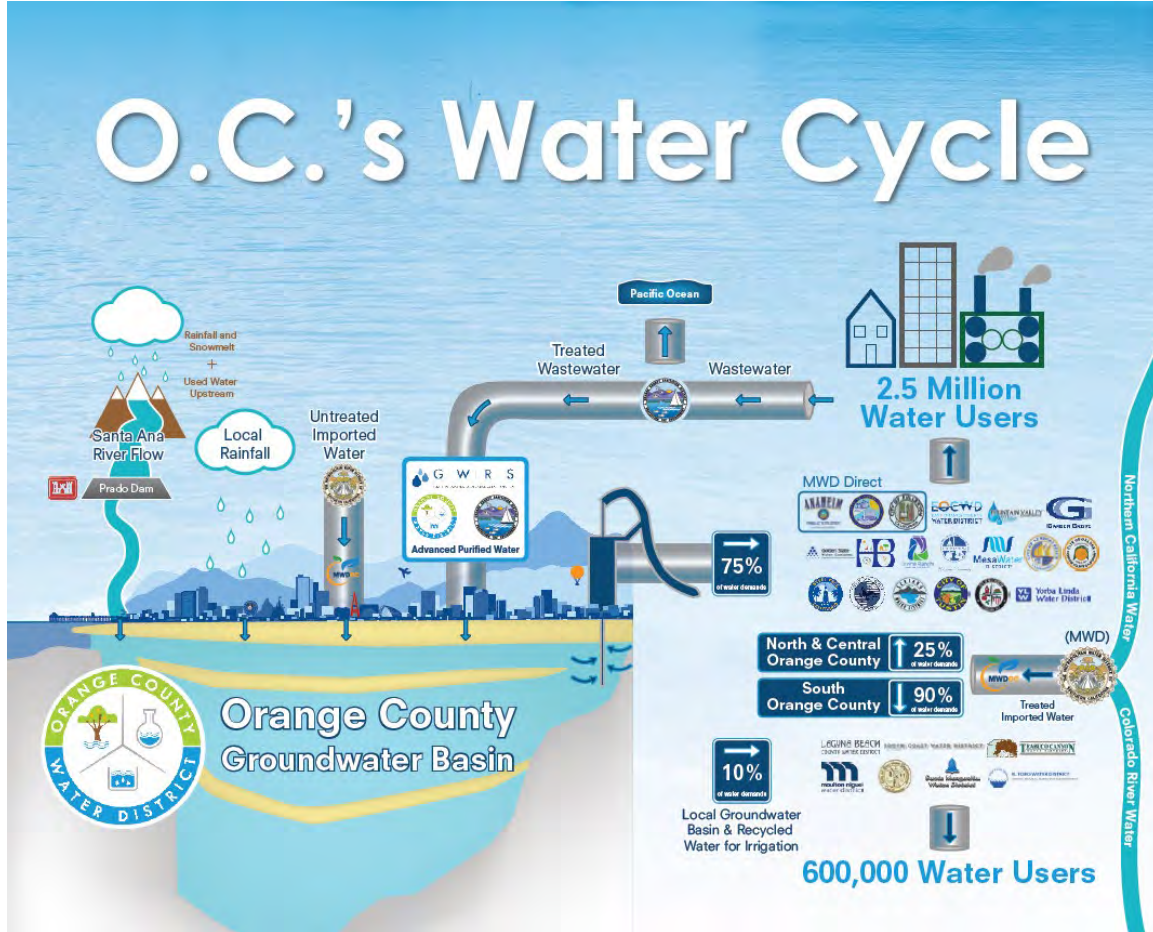


The Robert B. Diemer Treatment Plant (Diemer) is located in Yorba Linda. The plant's hilltop location is well suited for gravity-flow distribution of water to homes and businesses throughout Los Angeles and Orange counties. Most water brought to Diemer for treatment comes from the Colorado River via the 242-mile long Colorado River Aqueduct. To a lesser degree, the plant also receives water from Northern California through the State Water Project.

Diemer delivers up to **520 MILLION GALLONS** of clean drinking water a day to Orange and Los Angeles counties.

Three Study Regions in Orange County Based on Mix of Local and Imported Water Sources





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NOTICE

Reports issued by the Grand Jury do not identify individuals interviewed. Penal Code section 929 requires that reports of the Grand Jury not contain the name of any person or facts leading to the identity of any person who provides information to the Grand Jury.

ENDNOTES

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DRAFT RESPONSE

August X, 2023

The Honorable Maria D. Hernandez
Presiding Judge of the Superior Court of California
700 Civic Center Drive West
Santa Ana, CA 92701

Re: Irvine Ranch Water District’s Response to the Orange County Grand Jury’s Report Titled
“Historic Rain, Yet Drought Remains”

Presiding Judge Hernandez:

On June 9, 2023, the Orange County Grand Jury released a report titled *“Historic Rain, Yet Drought Remains.”* This report requested that the Irvine Ranch Water District (IRWD) respond to certain findings and recommendations. Per the 2022-2023 Orange County Grand Jury’s request, and in accordance with Penal Code 933.05, below are IRWD’s responses to Findings F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, and F12, and Recommendations R2 and R4.

Background Information:

IRWD provides high-quality drinking water, reliable wastewater collection and treatment, groundbreaking water recycling programs, and environmentally sound urban runoff treatment to approximately 450,000 residents and a daytime population of 600,000. IRWD remains a longstanding leader in the areas of water resource management and planning, with an emphasis on sustainability. The District is also a recognized leader in drought preparedness and emergency supply development and has earned durable success with water conservation and water use efficiency. The District’s drought preparedness rests on our successful efforts to diversify our supplies.

In 1990, imported water comprised two-thirds of the District’s water source portfolio. By 2021, potable and non-potable reuse comprised more than 50 percent of IRWD’s water supply portfolio while imported water fell to 18 percent. In short, through foresight, long-term planning and investment, the District has developed a diversified portfolio with drought-resilient sources.

IRWD Responses to Findings and Recommendations:

Finding F1: *“Future water supplies are impacted by climate change and current supplies will not meet future demands.”*

Response: IRWD disagrees partially with this finding.

IRWD agrees that climate change is impacting and will continue to impact California’s water supplies. The evidence suggests that changes to California’s weather cycles are already affecting water resources throughout the state and, in turn, negatively impacting ecosystems, economies, and communities.

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The District disagrees that current supplies will not meet future demands. IRWD employs long-range planning techniques and water supply modeling programs to determine the future water and wastewater needs of its community. We plan for and anticipate being able to meet all of the future demands of the community that we serve.

The District agrees that California can and should take action to build greater water resilience into its water resource management and planning in order to account for climate change.

Finding F2: *“Climatologists predict future extended periods of low moisture with occasional wet years.”*

Response: IRWD disagrees partially with this finding.

California has a climate that cycles between periods of large amounts of precipitation and times of drought. While the future impacts of climate change on California’s weather cycles are not known with complete certainty, many climate scientists have predicted that California will receive the same, if not more, precipitation. In fact, the California Department of Water Resources tweeted on June 14, 2023, that:

“Climate scientists tell us that atmospheric river #storms, like the ones we experienced in the January of 2023, are expected to increase in intensity and frequency in California due to climate change.”
https://twitter.com/CA_DWR/status/1669033110519054336?t=c8INL3sRX4m_H9a_GB9VA&s=09

Because of climate change, California will likely continue to see “weather whiplash” and will have weather cycles that will result in more rainfall and less snow in the mountains, earlier snowmelt, more intense rain events, and increasingly frequent droughts. This is why the District partially agrees and disagrees with Finding F2.

The District agrees that California will see extended periods of less precipitation. We disagree that we will see only occasional wet years. More likely than not, we will see greater variability on when precipitation falls in California in terms of time of year, receiving the same or more amount of water, instead of only seeing wet periods occasionally.

Finding F3: *“Climate change is inevitable and is exacerbated by human behavior.”*

Response: IRWD agrees with this finding.

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As indicated above, IRWD agrees that climate change is occurring. California is already seeing its impacts and will continue to see its impacts on the state's ecosystems, economies, and communities.

Finding F4: *“South Orange County relies primarily on the importation of water.”*

Response: IRWD agrees with this finding.

Approximately 50 percent of all the water used throughout Orange County comes from imported supplies. In southern Orange County there is a higher level of dependence on imported water, as compared to northern Orange County, because southern Orange County does not have access to groundwater. This is different from northern Orange County because that region has access to a vast supply of groundwater, which is actively recharged. The result is that southern Orange County primarily relies on imported water to meet its water demands.

Finding F5: *“Local water suppliers recognize that enhanced stormwater capture and storage, wastewater recycling, and infrastructure improvements will not be sufficient to address the long-term forecast of drought and its effects on supply.”*

Response: IRWD disagrees wholly with this finding.

Providing for a reliable and safe water supply is the primary mission of Irvine Ranch Water District. For IRWD, the District must be able to provide sufficient water to its service area to meet customer water demands under all reasonably foreseeable hydrological and system outage conditions – including more frequent drought.

This is why IRWD regularly evaluates of the District's water supplies and system reliability – separately and in combination, where appropriate – taking into consideration factors such as long-term drought on the Colorado River, difficulties in approving and constructing an alternate conveyance to bypass flows around the Sacramento-San Joaquin Delta, the risk of Delta levee failures, local and regional earthquakes, State Water Project and Colorado River facility failures, long-term climate change and reductions in water available for recharge in to the Orange County basin, etc. These evaluations and studies take into consideration the frequencies, magnitudes, probabilities, timing, and durations associated with events that could affect our reliability.

Implicit in the concept of reliability is the responsibility of a water supplier to develop an array of strategies to meet existing and future water needs. Recognizing this and in acknowledgment of the risks associated with state water supplies and an increased probability for drought due to climate change, IRWD has actively developed and made substantial investments in alternative

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local supplies, recycled water, water storage, flood water capture, water infrastructure, and water use efficiency to prepare for times of dryness and limited imported water supplies.

These efforts have not only allowed the District to become more self-reliant, but also more resilient. Based on current modeling, which includes various climate change scenarios, the District is well prepared for climate change and drought – even if it is more frequent.

Further investment in enhanced stormwater capture and storage, wastewater recycling, and other infrastructure improvements, which include new surface and groundwater storage, conveyance, and emergency supply development may be sufficient for others to be positioned like IRWD to weather long-term droughts and their impact of water supplies.

Finding F6: *“There is significant water infrastructure planning, but inadequate implementation.”*

Response: IRWD disagrees partially with this finding.

The planning, approval, permitting, and development of water infrastructure is complex. The District agrees that there is significant planning taking place to develop water infrastructure in Orange County and across the state. The issue regarding adequate or inadequate implementation is not as simple as counting the number of projects completed during a defined period of time.

The planning and development of water infrastructure must balance the needs of people, businesses, agriculture, and the environment. As a result, water infrastructure projects take time to plan, design, and get approved. They are also often large projects that take time to construct.

The District agrees that California needs to do more to expedite the approval of water infrastructure projects and get projects built faster. But while implementation may seem inadequate to some, from IRWD’s perspective it is less an issue of inadequate implementation and more an issue of decreasing the permitting and approval time it takes to bring new infrastructure projects online. This is particularly true for large-scale water infrastructure projects that could provide broader statewide benefits, but often take decades to complete.

Finding F7: *“The review and approval process for major water capital projects is cumbersome and overly restrictive.”*

Response: IRWD agrees with this finding.

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As noted above, the decentralized review and approval process for major water capital projects is cumbersome and extends the time it takes to construct and bring online water infrastructure projects. To expedite the review and approval process will require regulatory streamlining at the State level. While some streamlining was recently enacted, the state's and county's water resource management could benefit from further streamlining.

Finding F8: *“Failing to find solutions to water shortages will have a significant impact on the Orange County economy.”*

Response: IRWD disagrees partially with this finding.

IRWD agrees that if Orange County experiences significant or extended water shortages there will be a significant impact on the Orange County economy. The District disagrees with the finding's presumption that water shortages in Orange County are inevitable without implementation of the report's preferred water supply solution: the implementation of ocean desalination in Orange County.

For IRWD, even as California contends with reoccurring drought, we do not see a substantial risk of running out of water for our community due to our diverse and reliable water supplies. To ensure this, we continued to invest in cost-effective infrastructure, and appropriate supplies to preserve our community's high level of water reliability.

Finding F9: *“Continued development in Orange County creates additional water supply needs.”*

Response: IRWD disagrees wholly with this finding.

New development does increase water demands within a community, but that does not necessarily create a need for additional water supplies. As water demand increases with new development within IRWD's service area, the District has the ability to meet those new demands with existing supplies. This is because, as discussed above, IRWD has diversified its water supply portfolio, and actively developed and made substantial investments in alternative local supplies, recycled water, and water use efficiency in order to meet all current and future demands within its service area.

Finding F10: *“Conservation and efficient use of water is essential.”*

Response: IRWD agrees with this finding.

IRWD agrees that the management of any limited resource includes the practice of efficient use and conservation, and conservation and efficient use of water is essential in the effective management of water resources. For over

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three decades, the District has implemented innovative water efficiency programs in our service area aimed at increasing water use efficiency and minimizing water waste. These water efficiency programs have produced sustained, long-term reductions in our customers' water use.

Finding F11: *“Increased outreach and public education are necessary.”*

Response: IRWD agrees with this finding.

IRWD agrees that increased outreach and public education are necessary when it comes to educating the public about the value of water, efficient use of water, and the importance of water infrastructure investments. This is why IRWD has a long-running and extensive outreach program targeted at its customers.

The District's outreach and education programs aim to encourage our customers to value water and use it efficiently. The programs also aim to move our customers to action, asking them to make changes in how they use water – especially in how they use water outdoor.

From IRWD's experience, motivating customers to action is a long process that starts with building awareness, slowly changes opinion, generates buy-in, and results in action. This is why the District agrees increased outreach and public education on water across the state is needed.

Finding F12: *“Desalination has proven to be technologically and environmentally feasible and is slowly being embraced as a drought-resistant source of water.”*

Response: IRWD disagrees partially with this finding.

IRWD agrees that ocean desalination is a proven technology that could provide Southern California with supplemental supplies of drinking water that are reliable, though very expensive, if the environmental concerns with ocean desalination projects can be addressed. A water supply from ocean desalination would be locally available and drought-resistant, as it is it less vulnerable to hydrological impacts and other uncertainties. Without substantial outside subsidies, ocean desalination is generally not cost effective at this time.

Significantly less expensive water supply options are available, including but not limited to water transfers, exchanges, treatment of impaired groundwater, and water recycling. It is this cost difference along with various environmental concerns that has limited the acceptability of ocean desalination. From IRWD's perspective, ocean desalination projects should only be implemented when costs for treatment and distribution are

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competitive with existing reliable supplies or with other supplies under development. Many others hold this point of view, which is why IRWD disagrees that ocean desalination is slowly being embraced.

Recommendation 2: *“Orange County water agencies should expedite the planning, development, and construction of desalination plants over the next five years to insure a sustainable and reliable drought-resistant source of water. F1, F2, F3, F4, F5, F6, F7, F8, F9, F11, F12”*

Response: The recommendation will not be implemented by IRWD because based upon the diversity and reliability of IRWD’s existing and planned water supplies, and the District’s current and projected cost of water, IRWD does not need to invest in expensive ocean desalination in order to reliably provide our community with a secure drought-resistant water supply well into the future.

As noted above, from IRWD’s perspective, ocean desalination projects should only be implemented when costs for treatment and distribution are competitive with existing reliable supplies or with other supplies under development. This is currently not the case for ocean desalination.

IRWD does support the investigation of cost-effective alternative supplies of water and supports the development of technologies for both brackish water and ocean water desalination, regulatory streamlining, public acceptance, and the pursuit of regional, state, and federal funding programs to ensure the feasibility of future water supplies.

The District leaves open the possibility that it may consider developing ocean desalination projects in the future when the economics become more favorable and delivery costs are comparable to alternative supplies then available to IRWD.

Recommendation 4: *“Orange County water agencies should update their public communication strategies, by calendar year end 2023, to inform the public of lifestyle changes if additional water sources are not developed. F10, F11, F12”*

Response: The recommendation will not be implemented by IRWD because the District disagrees with the report’s conclusion that lifestyle changes will be needed to adapt to climate change should additional water sources not be developed.

As discussed above, IRWD has actively developed and made substantial investments in alternative local supplies, recycled water, water storage, flood water capture, water infrastructure, and water use efficiency in order to prepare for times of dryness and limited imported water supplies. These efforts have not only allowed the District to become more self-reliant, but also water resilient. As a result, IRWD is already well prepared to continue

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providing our community the level of water service it has come to expect, even with climate change.


For this reason, the District will not be updating its public communication strategies to inform the public of lifestyles changes if additional water sources are not developed. We will continue our active public communications efforts to educate our customers about the value of water, how to use water efficiently, and the importance of water infrastructure investments.

If you need further information regarding this response, please contact me at (949) 453-5590.

Sincerely,

Paul A. Cook, P.E.
General Manager

cc: Orange County Grand Jury
IRWD Board of Directors

August 7, 2023
Prepared and
submitted by: C. Compton
Approved by: Paul A. Cook 

WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

2023 LEGISLATIVE AND REGULATORY UPDATE

SUMMARY:

This report provides an update on the 2023-2024 legislative session, regulatory issues, and IRWD priorities. As legislation and regulations develop, staff will provide updates and recommendations to the Water Resources Policy and Communications Committee and the Board, as appropriate. Staff recommends the Board adopt the following actions / positions:

- *H.R. 3966 (Garcia, R-Santa Clarita / Obernolte, R-Big Bear Lake) – Improving Atmospheric River Forecasts Act: “SUPPORT”;*
- *S. 2162 (Feinstein, D-California) – Support to Rehydrate the Environment, Agriculture and Municipalities (STREAM) Act Introduced by Senator Diane Feinstein: “SUPPORT”;*
and
- *S. 2203 (Padilla, D-California) – Atmospheric Rivers Reconnaissance, Observation and Warning (ARROW) Act: “SUPPORT”.*

BACKGROUND:

The California State Assembly and Senate will return from summer recess on August 14, 2023. With a month left in the first year of the 2023-2024 Regular Legislative Session after the Legislature returns, fiscal committees have until September 1 to meet and report bills to the floor. The last day for each house to pass bills this year is September 14, which is the day the interim legislative recess begins. The Governor has until October 14 to sign or veto legislation passed by the Legislature this year. The 2023-2024 Regular Legislative Session will resume on January 3, 2024.

A copy of the 2023 Legislative Matrix is provided as Exhibit “A”. Links to the bills discussed below are included within each discussion unless a separate exhibit is noted.

2023 State Legislative Update:

SB 3 (Dodd, D-Napa) – Discontinuation of Residential Water Service:

SB 3 would expand the applicability of the Water Shutoff Protection Act (“Act”) (a.k.a. SB 998) to public water systems that serve at least 15 service connections used by yearlong residents or regularly serves at least 25 yearlong residents and require community water systems to comply with SB 998 provisions on or after August 1, 2024.

Previous versions of this bill would not have impacted IRWD, but the bill was amended on June 15 and now modifies provisions of SB 998 which apply to IRWD.

SB 3 now would require all public water systems to have a written policy on discontinuation of residential service for nonpayment that includes a plan for deferred or reduced payments and alternative payments schedules for all customers – not just low-income customers – who are delinquent on their water bills.

Additionally, as amended, SB 3 expands the Attorney Generals’ ability to bring an action against a water supplier for violating this area of the law. SB 3 would permit the Attorney General to bring an action in state court to do either of the following:

- 1) “Restrain by temporary or permanent injunction the use of any method, act, or practice declared in this chapter to be unlawful;” or
- 2) “Restore to any person in interest any money or property, real or personal, that may have been acquired by any method, act, or practice declared by this chapter to be unlawful.”

IRWD currently has a “watch” position on SB 3. Staff will discuss SB 3 with the Committee, and water industry efforts to seek clarifying amendments to these new additions to the bill.

Update on Bills of Interest to IRWD:

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

- *AB 249 (Holden, D-Pasadena) – Water: Lead Testing at Schoolsites:* AB 249 would require a community water system that serves a K-12 public school receiving federal Title I funds to test each of the schoolsite’s potable water system outlets for lead on or before January 1, 2027. IRWD currently has an “oppose unless amended” position on AB 249;
- *AB 755 (Papan) – Public Entity Urban Water Supplier Cost-of-Service Analysis:* AB 755, as previously written, would have require water suppliers to include a determination of the incremental costs incurred due to the top 10 percent of single-family customers in all of its cost-of-service studies. It would have also required that those studies include an analysis of which costs would be avoided if those customers met the long-term water efficiency standards developed under the “Making Conservation a California Way of Life” legislation. IRWD worked to seek substantial amendments to the bill, which went into print on July 13. Following the bill being amended, the District removed its opposition and currently has a “watch” position on AB 755;
- *AB 1572 (Friedman, D-Burbank) – Nonfunctional Turf:* AB 1572 would prohibit the irrigation of nonfunctional turf with potable water by commercial, industrial, institutional (other than cemeteries), and large landscape water users, phasing in this ban for specified property types beginning January 1, 2027. The June 19, 2023, amendments to the bill removed multifamily residential properties from the bill. IRWD currently has a “watch” position on AB 1572;
- *SB 366 (Caballero, D-Salinas) – The California Water Plan Long-Term Supply Targets:* SB 366 would set long-term water supply development targets and require the Department of Water Resources (DWR) to develop a comprehensive plan within the

California Water Plan on how the state can meet the long-term water needs for urban, agricultural, and environmental uses. IRWD currently has a “support” position on SB 366. Prior to the legislative recess, SB 366 was made a two-year bill;

- *SB 745 (Cortese, D-Campbell) – The Drought-Resistant Buildings Act*: SB 745 would require the California Building Standards Commission to research, develop, and propose building standards for new buildings—residential and non-residential—including consideration of requiring installation of water reuse systems and pre-plumbing of buildings to allow future use of recycled water, onsite treated graywater, or other “alternative water sources.” IRWD currently has an “oppose unless amended” position on SB 745;
- Climate resilience bonds;
- Surplus Land Act legislation;
- Water rights legislation; and
- Other legislation of interest to the District.

2023 State and Regional Regulatory Update:

The following is a list of state and regional regulations and agency reports staff is monitoring, tracking, or planning to engage in over the next three to 12 months. As the next drafts of the regulations or report are released for public review and comment, staff will engage, as appropriate. Staff will also provide an oral update to the Committee 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 Endangered Species Act Listing](#) for the Southern California Steelhead;
- California Natural Resources Agency (CNRA) [30 x 30 California Implementation](#);
- CNRA’s [Water Resilience Portfolio Implementation and Resiliency 2.0](#) Implementation;
- DWR’s [2023 California Water Plan Update](#);
- DWR and the State Board’s implementation of the “[Making Water Conservation a California Way of Life](#)” legislation;
- State Board’s development of a “[Cross Connection Policy Handbook](#)”;
- State Board’s [Direct Potable Reuse Regulations](#);
- State Board’s implementation of the Lead and Copper Rule;
- State Board reporting requirements;
- 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](#);

- South Coast AQMD’s [Cumulative Impacts from Air Toxics for CEQA Projects](#);
- South Coast AQMD’s Tier 4 Emergency Generator Testing Policy; and
- South Coast AQMD’s [PAR 1146.2 Control of NOx from Large Water Heaters, Small Boilers and Process Heaters](#).

2023 Federal Legislative Update:

S. 2162 (Feinstein, D-California) – Support to Rehydrate the Environment, Agriculture and Municipalities (STREAM) Act Introduced by Senator Diane Feinstein:

On June 22, Senator Diane Feinstein (D-California) introduced S. 2162, the Support to Rehydrate the Environment, Agriculture and Municipalities (STREAM) Act. The STREAM Act, which the Senator has introduced in prior terms, would renew certain Water Infrastructure Improvements for the Nation (WIIN) Act provisions. Specifically, this legislation would authorize:

- \$750 million in funding for surface and groundwater storage and conveyance projects (including natural water retention and release projects);
- \$300 million for water recycling projects, including increasing the Title XVI maximum grant to \$50 million;
- \$150 million for desalination projects;
- \$100 million for projects to provide drinking water for disadvantaged communities; and
- \$250 million for environmental restoration projects.

Among other things, the STREAM Act would also establish a Reclamation Infrastructure Finance and Innovation program, a low-interest loan program for water supply projects recommended by the Bureau of Reclamation.

A section-by-section analysis of the act can be found at: <https://www.feinstein.senate.gov/public/cache/files/a/c/ac93828e-2c11-49fe-99a7-984949829ca3/501B454487B27C7B5A1D88A9135B2E11.2022.05.18-stream-act-section-by-section.pdf>

The District has supported Senator Feinstein’s STREAM in recent years, and staff recommends the Board adopt a “support” position on S. 2162.

S. 2203 (Padilla, D-California) – Atmospheric Rivers Reconnaissance, Observation and Warning Act & H.R. 3966 (Garcia, R-Santa Clarita,/Oberholte, R-Big Bear Lake) – Improving Atmospheric River Forecasts Act:

On June 22, Senator Alex Padilla (C-California) introduced S. 2203, the Atmospheric Rivers Reconnaissance, Observation and Warning (ARROW) Act. The ARROW Act aims to improve the accuracy and timeliness of western atmospheric river forecasts. It would direct the Air Force and National Oceanic and Atmospheric Administration (NOAA) to provide the necessary aircraft, personnel, and equipment to meet atmospheric river missions during the winter season.

Atmospheric river missions are reconnaissance flights that collect information about atmospheric rivers. This information is needed to more accurately predict the landfall and severity of these weather events.

Two weeks prior to the introduction of S. 2203, Representatives Mike Garcia (R-Santa Clarita) and Jay Obernolte (R-Big Bear Lake) introduced H.R. 3966, the Improving Atmospheric River Forecasts Act. The Improving Atmospheric River Forecast Act would establish at least one pilot program within NOAA to improve the forecasting of atmospheric rivers.

These two federal bills are similar in their goals to pending state legislation, AB 30 (Ward), which the District has supported that seeks to expand our collective knowledge about atmospheric rivers and to enhance predictive capabilities surrounding these weather events. Staff recommends the Board adopt a “support” position on H.R. 3966 and S. 2203, which aim to increase knowledge and our predictive capabilities as it relates to atmospheric rivers.

Kern Fan Groundwater Storage Project Outreach:

IRWD’s federal advocacy priority in 2023 focuses on seeking federal funding for the Kern Fan Groundwater Storage Project and advocating for an increased funding authorization for the federal Water Storage Program. Staff will provide an update on those efforts.

2023 Federal Regulatory Update:

The following is a list of federal regulations and agency reports staff is monitoring, tracking, or planning to engage in over the next three to 12 months. As the next drafts of the regulations or report are released for public review and comment, staff will engage, as appropriate. Staff will also provide an oral update to the Committee 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 [Lead and Copper Rule Improvements](#);
- U.S. EPA’s [Proposed Designation of PFOA and PFOS as CERCLA Hazardous Substances](#);
- U.S. EPA’s [Potential Future Hazardous Substances Designations of PFAS Under CERCLA](#);
- U.S. EPA’s [Proposed PFAS National Primary Drinking Water Regulation](#);
- U.S. EPA’s [Consumer Confidence Report Rule Revisions](#); and
- Bureau of Reclamation’s [Post-2026 Colorado River Reservoir Operational Guidelines and Strategies for Lake Powell and Lake Mead](#).

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

That the Board adopt “support” positions on H.R. 3966 (Garcia/Oberholte), S. 2162 (Feinstein), and S. 2203 (Padilla).

LIST OF EXHIBITS:

Exhibit “A” – IRWD 2023 Legislative Matrix

Exhibit “A”

IRWD 2023 LEGISLATIVE MATRIX

Updated: *July 18, 2023*

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 9 Muratsuchi	Greenhouse Gases: Market-Based Compliance Mechanism		Authorizes the State Air Resources Board to include the use of market-based compliance mechanisms in regulating greenhouse gas emissions. Requires the State Board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions and to update the scoping plan at least once every specified number of years.	06/01/2023 - In ASSEMBLY. To Inactive File.
AB 12 Haney	Tenancy: Security Deposits		Prohibits a landlord from demanding or receiving security for a rental agreement for residential property in an amount or value in excess of an amount equal to one month's rent, regardless of whether the residential property is unfurnished or furnished, in addition to any rent for the first month paid on or before initial occupancy.	06/22/2023 - In SENATE. Read second time. To third reading.
AB 30 Ward	Atmospheric Rivers: Research: Reservoir Operations	Support	Renames the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program in the Department of Water Resources the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency Program. Requires the department to utilize relevant information to operate reservoirs in a manner that improves flood protection in the State.	07/13/2023 - In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY for concurrence.
AB 34 Valencia	Elections: County of Orange Citizens Redistricting		Requires each Citizens Redistricting Commission member to attend all public hearings and meetings of the commission, with specified exceptions, and creates specified procedures by which the commission may remove a member for substantial neglect of duty, gross misconduct of office, inability to discharge the duties of the office, or if it is later discovered that the commission member did not meet the required qualifications at the time of appointment or no longer meets those qualifications.	07/12/2023 - From SENATE Committee on GOVERNANCE AND FINANCE: Do pass to Committee on APPROPRIATIONS.
AB 37 Bonta M	Political Reform Act of 1974: Campaign Funds: Security		Authorizes a candidate or elected officer to use campaign funds to pay or reimburse the State for the reasonable costs of installing and monitoring a home or office electronic security system, and for the reasonable costs of providing personal security to a candidate, elected officer, or the immediate family and staff of a candidate or elected officer, if those costs are directly related to a political, legislative, or governmental purpose.	07/10/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 43 Holden	Greenhouse Gas Emissions: Building Materials		Provides that existing law requires the State Air Resources Board to develop a framework for measuring and then reducing the average carbon intensity of the materials used in the construction of new buildings. Provides that existing law	07/06/2023 - In SENATE. Read second time and amended. Re-

IRWD 2023 LEGISLATIVE MATRIX

Updated: July 18, 2023

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			requires the framework to include a comprehensive strategy for the building sector to achieve a 40% net reduction in greenhouse gas emissions, as determined from a specified baseline. Requires the baseline to be established based on certain factors.	referred to Committee on APPROPRIATIONS.
AB 50 Wood	Public Utilities: Timely Service: Customer Energization		Requires the Public Utilities Commission to determine the criteria for timely service for electric customers to be energized. Requires each large electrical corporation that energized less than a specified percent of customers with completed applications exceeding a specified number of months in duration by specified date, to submit a report to the commission demonstrating that the large electrical corporation has energized a certain percent of customers with applications deemed complete as of certain date.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 57 Kalra	California Pocket Forest Initiative		Establishes the California Pocket Forest Initiative in the Department of Forestry and Fire Protection and authorizes the department to coordinate implementation of the initiative in conjunction with the California Urban Forestry Act. Authorizes the department to provide grants to cities, counties, districts, nonprofit organizations, the California Conservation Corps or certified community conservation corps, public universities, community colleges, and schools to establish pocket forests on public lands.	07/10/2023 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
AB 62 Mathis	Statewide Water Storage: Expansion		Establishes a statewide goal to increase above and below-ground water storage capacity by a total of a specified number of acre-feet by a specified year and a total of a specified number of acre-feet by a later specified year. Requires the Department of Water Resources, in consultation with the State Water Resources Control Board, to take reasonable actions to promote or assist efforts to achieve the statewide goal.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 63 Cervantes	Canvass of the Vote: Reporting Results		Requires the elections official to post updated information regarding the election on their internet website at least a specified number of times per week. Permits the elections official to stop posting the results when either a certified statement of results is published or the only ballots left to count are vote by mail ballots for which a voter has the opportunity to cure their ballot by verifying or providing their signature.	07/03/2023 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
AB 66 Mathis	Natural Resources Agency: Water Storage Projects		Requires the department, board, conservancy, or commission of the Natural Resources Agency responsible for issuing a permit to post updates on its internet	05/18/2023 - In ASSEMBLY Committee on

IRWD 2023 LEGISLATIVE MATRIX

Updated: July 18, 2023

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			website for each permit application explaining how the permit approval process is progressing and the estimated time until the permit is approved.	APPROPRIATIONS: Held in committee.
AB 70 Rodriguez	Emergency Response: Trauma Kits		Applies the requirement to place at least 6 trauma kits on the premises to certain structures that are constructed prior to January 1, 2023, and subject to subsequent modifications, renovations, or tenant improvements.	07/13/2023 - In SENATE. From Consent Calendar. To third reading.
AB 83 Lee	Political Reform Act of 1974: Contributions		Expands the prohibition against foreign campaign contributions to include contributions, expenditures, or independent expenditures made by a foreign-influenced business entity, as defined, in connection with an election or ballot measure.	06/01/2023 - In ASSEMBLY. To Inactive File.
AB 122 Budget	Public Resources Trailer Bill		Expresses the intent of the Legislature that the administration conduct an assessment of offshore wind energy permitting and related resource needs across applicable State entities, including, but not limited to, the Energy Commission, the State Lands Commission, the California Coastal Commission, and the State Coastal Conservancy. States that the outcomes of the assessment may be considered as part of a future budget. Appropriates funds.	06/27/2023 - In SENATE. Read second time. To third reading.
AB 227 Sanchez	State Employment: Social Media Platforms		Prohibits a person from installing an application for a social media platform on a state-owned or state-issued electronic device if specified conditions are met, including that the social media company that owns the application is domiciled in, has its principal place of business in, has its headquarters in, or is organized under the laws of, a country of concern.	02/17/2023 - To ASSEMBLY Committees on PRIVACY AND CONSUMER PROTECTION and PUBLIC AND EMPLOYMENT AND RETIREMENT.
AB 234 Bauer-Kahan	Microparticles		Enacts the Synthetic Polymer Microparticles in Cosmetic and Cleaning Products Prevention Act. Prohibits a synthetic polymer microparticle from being placed on the market in the State as a substance on its own or, where the synthetic polymer microparticles are present to confer a sought-after characteristic, in mixtures in a concentration equal to or greater than a specified percent by weight. Specifies the screening tests and pass criteria to be used for purposes of determining compliance.	03/30/2023 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/30/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
AB 241 Reyes	Vehicular Air Pollution: Clean Transportation Program		Provides that existing law creates the Enhanced Fleet Modernization Program to provide compensation for the retirement and replacement of passenger vehicles and light-duty and medium-duty trucks that are high polluters. Provides that existing law creates the Enhanced Fleet Modernization Subaccount in the High	06/26/2023 - In ASSEMBLY. Read third time and amended. To third reading.

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			Polluter Repair or Removal Account. Requires the guidelines to ensure each replacement vehicle in the program be either a plug-in hybrid or zero-emission vehicle, with specified exceptions.	
AB 246 Papan	Product Safety: Menstrual Products: PFAS	Support	Prohibits any person from manufacturing, distributing, selling, or offering for sale in the State any menstrual products that contain regulated perfluoroalkyl and polyfluoroalkyl substances, and requires a manufacturer to use the least toxic alternative when removing regulated PFAS in menstrual products to comply with these provisions. Authorizes the Attorney General, a city attorney, a county counsel, or a district attorney to bring an action to enforce these provisions.	07/10/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 249 Holden	Water: Schoolsites: Lead Testing: Conservation	Oppose_Amend	Requires a schoolsite, local education agency, and the State Water Resources Control Board to make the results of schoolsite lead sampling publicly available by posting the results on its internet website. Expands the board's authority to issue citations and penalties for violations of the California Safe Drinking Water Act or any regulation, permit, standard, citation, or order issued or adopted under the act.	07/12/2023 - From SENATE Committee on EDUCATION: Do pass to Committee on APPROPRIATIONS.
AB 262 Holden	Children's Camps: Safety and Regulation		Requires the State Department of Social Services to convene and consult with a stakeholder group on children's camp safety. Requires the department to issue its recommendations, as informed by the group, in a report to the Legislature. Requires the recommendations to address, among other things, a definition for a children's camp, child supervision requirements, requirements for camp licensure and regulation, and the agency necessary to establish and enforce rules and regulations relating to such camps.	07/03/2023 - From SENATE Committee on HUMAN SERVICES: Do pass to Committee on APPROPRIATIONS.
AB 270 Lee	Political Reform Act of 1974: Public Campaign Financing		Permits a public officer or candidate to expend or accept public moneys for the purpose of seeking elective office if the State or a local governmental entity established a dedicated fund for this purpose. Prohibits the public moneys for this dedicated fund from being taken from public moneys that are earmarked for education, transportation, or public safety. Provides that this restriction would not apply to charter cities.	06/14/2023 - To SENATE Committees on ELECTIONS AND CONSTITUTIONAL AMENDMENTS and APPROPRIATIONS.
AB 277 Rodriguez	Extreme Weather Forecast and Threat Intelligence Center		Establishes the State-Federal Flood Operations Center within the Department of Water Resources and authorizes the department to administer the center in the department's divisions, offices, or programs. Requires the department and the Office of Emergency Services, in consultation with cooperating agencies, to develop and submit a report to the Legislature on or before specified date that	07/11/2023 - From SENATE Committee on GOVERNMENTAL ORGANIZATION: Do pass to Committee on APPROPRIATIONS.

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			outlines necessary technological advancements for agile forecasting and gaps in data that would improve flood response.	
AB 281 Grayson	Planning and Zoning: Housing: Postentitlement Phase		Requires a special district that receives an application from a housing development project for service from a special district or an application from a housing development project for a postentitlement phase permit to provide written notice to the applicant of next steps in the review process, including, but not limited to, any additional information that may be required to begin to review the application for service or approval.	07/10/2023 - From SENATE Committee on HOUSING: Do pass to Committee on APPROPRIATIONS.
AB 287 Garcia E	California Global Warming Solutions Act of 2006		Requires state agencies administering competitive grant programs that allocate moneys from the Greenhouse Gas Reduction Fund to give specified communities preferential points during grant application scoring for programs intended to improve air quality, to provide for a specified application timeline, and to allow applicants from the Counties of Imperial and San Diego to include daytime population numbers in grant applications.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 292 Pellerin	Primary Elections: Ballots		Provides that existing law prohibits a voter who has declined to disclose a political party preference from voting in a particular party' s primary election unless the party has authorized such a voter to vote in that party' s primary election. Requires, for any nonpartisan ballot provided to a voter who has declined to disclose a political party preference for use in a presidential primary election, that the ballot provide specified information regarding how a voter may request and vote a partisan ballot.	07/11/2023 - In SENATE. Read second time. To third reading.
AB 295 Fong	Department of Transportation: Maintenance Projects		Requires the Department of Transportation to expedite roadside maintenance for specified projects related to roadside maintenance and the removal and clearing of material. Authorizes local governmental entities, fire protection districts, fire safe councils, and tribal entities to notify the department of those projects that have not been completed in an efficient and timely manner. Requires the Division of Maintenance to begin the maintenance project within a specified number of days.	07/11/2023 - In SENATE Committee on TRANSPORTATION: Not heard.
AB 297 Fong	Wildfires: Local Assistance Grant Program		Extends the Director of Forestry and Fire Protection's authority to authorize advance payments from a grant program award to January 1, 2034.	07/10/2023 - In SENATE Committee on APPROPRIATIONS: To Suspense File.

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AB 300 Papan	Notaries Public: Notification of Death		Requires a notary public to designate a personal representative, to file the designation with the county clerk and with the Secretary of State, and to include the name and contact information of the personal representative in their sequential journals.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 305 Villapudua	California Flood Protection Bond Act of 2024	Support	Enacts the California Flood Protection Bond Act of 2024 which, if approved by the voters, would authorize the issuance of bonds in the specified amount pursuant to the State General Obligation Bond Law for flood protection projects. Provides for the submission of these provisions to the voters at the specified statewide general election.	06/14/2023 - To SENATE Committees on NATURAL RESOURCES AND WATER and GOVERNANCE AND FINANCE.
AB 311 Santiago	Food Assistance Program: Eligibility and Benefits		Removes a specified age limitation and makes any individual eligible for the program if the individual's immigration status is the sole basis for their ineligibility for CalFresh benefits.	06/14/2023 - To SENATE Committee on HUMAN SERVICES.
AB 324 Pacheco	Gas Corporations: Renewable Gas Procurement		Requires the Public Utilities Commission, in consultation with the State Air Resources Board, to consider adopting specific biomethane procurement targets or goals for each gas corporation. Requires the commission to open a new proceeding, or a new phase of an existing proceeding, to consider establishing procurement goals for renewable hydrogen and consider requiring each gas corporation and core transport agent to annually procure a proportionate share of renewable hydrogen to meet those goals.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 334 Rubio	Public Contracts: Conflicts of Interest	Support	Authorizes a public agency to enter into a contract with an independent contractor who is an officer for a later phase of the same project if the contractor did not engage in or advise on the making of the subsequent contract. Establishes that a person who acts in good faith reliance on these provisions is not in violation of the conflict-of-interest prohibitions and prohibits them from being subject to criminal, civil, or administrative enforcement if the initial contract includes certain language.	07/06/2023 - From SENATE Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
AB 338 Aguiar-Curry	Public Works: Definition		Expands the definition of public works to include fuel reduction work done under contract and paid for in whole or in part out of public funds performed as part of a fire mitigation project. Limits specified provisions to work that falls within an apprenticeship occupation in the building and construction trades for which an apprenticeship program has been approved and to contracts in excess of \$100,000.	07/12/2023 - From SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Do pass to Committee on APPROPRIATIONS.

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AB 340 Fong	California Environmental Quality Act: Noncompliance		Requires the alleged grounds for noncompliance with the California Environmental Quality Act (CEQA) presented to the public agency in writing be presented at least 10 days before the public hearing on the project before the issuance of the notice of determination. Prohibits the inclusion of written comments presented to the public agency after that time period in the record of proceedings and would prohibit those documents from serving as basis on which an action or proceeding may be brought.	03/27/2023 - In ASSEMBLY Committee on NATURAL RESOURCES: Not heard.
AB 345 Wilson	Habitat Restoration: Flood Control: Advance Payments		Authorizes the Department of Water Resources or the Central Valley Flood Protection Board to provide advance payments to local agencies for projects that restore habitat for threatened and endangered species under state or federal law or improve flood protection. Requires the project proponent to demonstrate a need for an advance payment and that the project proponent is sufficiently qualified to manage the project and the project's finances.	07/10/2023 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
AB 347 Ting	Household Product Safety: Toxic Substances		Provides that existing law prohibits a person from distributing, selling, or offering for sale in the state a juvenile product or food packaging that contains perfluoroalkyl and polyfluoroalkyl substances (PFAS). Requires the Department of Toxic Substances Control to adopt guidance regarding the PFAS prohibition, and to post that guidance on its internet website by specified date.	07/12/2023 - From SENATE Committee on ENVIRONMENTAL QUALITY: Do pass to Committee on APPROPRIATIONS.
AB 356 Mathis	California Environmental Quality Act: Aesthetic Impacts		Relates to the California Environmental Quality Act, which requires a lead agency to prepare and certify the completion of an environmental impact report on a project that it proposes to carry out. Requires the lead agency to file a notice with the Office of Planning and Research and the county clerk of the county in which the project is located if the lead agency determines that it is not required to evaluate the aesthetic effects of a project and determines to approve or carry out that project.	07/13/2023 - In SENATE. Read third time. Passed SENATE. To enrollment.
AB 362 Lee	Real Property Taxation: Land Value Taxation Study		Requires the California Department of Tax and Fee Administration to conduct or commission a study on the efficacy of a statewide land value taxation system as an alternative to the current appraisal methods utilized for real property taxation. The bill would require the study to be provided to the Legislature by a specified date.	04/10/2023 - In ASSEMBLY Committee on REVENUE AND TAXATION: Heard, remains in Committee.
AB 363 Bauer-Kahan	Pesticides: Neonicotinoids for Nonagricultural Use		Requires the Department of Pesticide Regulation to issue a determination with respect to a reevaluation of neonicotinoid pesticides on pollinating insects, aquatic ecosystems, and human health when used for the nonagricultural protection of	07/06/2023 - In SENATE. Read second time and amended. Re-

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			outdoor ornamental plants, trees, and turf, and to adopt any control measures for that use that are determined by the department, based on the reevaluation, to be necessary to protect pollinating insects, aquatic ecosystems, and human health.	referred to Committee on APPROPRIATIONS.
AB 388 Connolly	California's Wildfire and Forest Resilience		Requires the Department of Conservation, in consultation with the Wildfire and Forest Resilience Task Force and member agencies, to establish guidelines for funding the implementation of regional priority strategies and to establish regional investment strategies to identify and align resources that support implementation of regional priority strategies that contribute to the goals and key actions identified in California's Wildfire and Forest Resilience Action Plan issued by the task force in January 2021.	07/05/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 396 Fong	Dams		Makes nonsubstantive changes to existing law which regulates the construction and operation of dams and exempts certain structures for these purposes.	02/02/2023 - INTRODUCED.
AB 397 Essayli	California Global Warming Solutions Act of 2006		Requires the State Air Resources Board to include greenhouse gas emissions from wildlands and forest fires in the scoping plan for achieving reductions in greenhouse gas emissions.	03/13/2023 - In ASSEMBLY Committee on NATURAL RESOURCES: Failed passage.;03/13/2023 - In ASSEMBLY Committee on NATURAL RESOURCES: Reconsideration granted.
AB 398 Pellerin	Voting: Replacement Ballots		Relates to a replacement ballot upon request. Requires the voter making the request to provide the elections official with specified personal identifying information.	06/27/2023 - In SENATE. Read second time. To third reading.
AB 399 Boerner	Water Ratepayers Protections Act of 2023: County Water		Relates to the County Water Authority Act, which provides methods of excluding territory from any county water authority, one of which is that a public agency whose corporate area is part of a water authority may obtain exclusion of the area by submitting to the electors within the agency the proposition of excluding the area from the authority. Provides for the Water Ratepayers Protections Act, which requires the entity to submit the proposition to the electors within the territory of the authority.	07/12/2023 - From SENATE Committee on GOVERNANCE AND FINANCE: Do pass as amended.
AB 400 Rubio	Local Agency Design-Build Projects: Authorization		Provides that existing law authorizes a local agency, with approval of its governing body, to procure design-build contracts for public works projects in excess of \$1,000,000, awarding the contract either to the lowest bid or the best value.	07/13/2023 - In SENATE. Read third time. Passed SENATE.

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			Expands the definition of local agency to include any joint powers authority responsible for the construction of transit projects, thereby authorizing additional joint powers authorities to use the specified design-build procurement process.	*****To ASSEMBLY for concurrence.
AB 407 Chen	Hazardous Waste: Used Oil		Provides that existing law authorizes the Department of Toxic Substances Control to regulate the disposal of hazardous waste, including used oil. Provides that existing law excludes from regulation used oil that meets specified criteria. Requires the used oil to either not be subject to regulation as either hazardous waste or used oil under federal law or that the used oil not be subject to regulation as a hazardous waste under federal law and meets certain testing criteria.	06/28/2023 - From SENATE Committee on ENVIRONMENTAL QUALITY: Do pass to Committee on APPROPRIATIONS.
AB 408 Wilson	Climate Resilient Farms		Enacts the Climate-Resilient Farms, Sustainable Healthy Food Access, and Farmworker Protection Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds to finance programs related to, among other things, agricultural lands, food and fiber infrastructure, climate resilience, agricultural professionals, including farmers, ranchers, and farmworkers, workforce development and training, air quality, tribes, disadvantaged communities, nutrition, and food aid.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 409 Weber A	California Conservation Camp Program		Requires the Department of Forestry and Fire Protection to modify its training program for inmate firefighters serving as members of a hand crew through the California Conservation Camp program to provide participants the opportunity to earn a specified list of certifications related to firefighting, or the department's equivalents of those certifications, while incarcerated.	03/16/2023 - To ASSEMBLY Committee on NATURAL RESOURCES.;03/16/2023 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/16/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
AB 422 Alanis	Natural Resources Agency: Statewide Water Storage		Requires the Natural Resources Agency, on or before June 1, 2024, to post on its publicly available internet website information tracking the progress to increase statewide water storage, and to keep that information updated.	02/09/2023 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
AB 429 Bennett	Groundwater Wells: Permits		Provides that, if a specified percent of domestic wells go dry in a critically overdrafted basin, a county, city, or any other water well permitting agency is prohibited from approving a permit for a new groundwater well or for an alteration	03/28/2023 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.

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			to an existing well in a basin subject to the Sustainable Groundwater Management Act and classified as a critically overdrafted basin unless specified conditions are met.	
AB 437 Jackson	State Government: Equity		Provides that existing law requires the Chief Equity Officer to improve equity and inclusion throughout State government operations and authorizes the Chief Equity Officer to engage with State entities for these purposes. Requires State agencies and departments, in carrying out their duties, to consider the use of more inclusive practices to advance equity.	07/11/2023 - From SENATE Committee on GOVERNMENTAL ORGANIZATION: Do pass to Committee on APPROPRIATIONS.
AB 450 Carrillo	Commercial Real Property		Relates to law that authorizes a public entity to, by enactment of a statute, charter or charter amendment, or ordinance, establish a requirement for notice relating to the termination of a lease of commercial real property due to the expiration of its term. Relates to prohibition of an enactment from applying to certain leases and rental agreements. Prohibits an enactment from applying to a lease, the term of which expires within a specified number of days after the effective date of the enactment.	03/23/2023 - To ASSEMBLY Committee on JUDICIARY.;03/23/2023 - From ASSEMBLY Committee on JUDICIARY with author's amendments.;03/23/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
AB 453 Cervantes	District-Based Elections		Requires a public hearing concerning district-based elections that is consolidated with a meeting of the governing body of the political subdivision that includes other substantive agenda items, to begin at a fixed time regardless of its order on the agenda.	05/10/2023 - To SENATE Committees on ELECTIONS AND CONSTITUTIONAL AMENDMENTS and GOVERNANCE AND FINANCE.
AB 457 Patterson J	Surplus Land Act: Exempt Surplus Land: Leases	Watch	Provides that the disposal of exempt surplus land is not subject to certain requirements. Expands definition of exempt surplus land to include a parcel that is identified in the local agency's circulation element or capital improvement program for future roadway development, is no larger than a specified number of acres, is zoned for retail commercial use, and the use of the parcel is consistent with the underlying zoning, and abuts a State highway right-of-way.	06/29/2023 - In SENATE. Read second time and amended. To third reading.
AB 460 Bauer-Kahan	State Water Resources Control Board: Water Rights		Authorizes the State Water Resources Control Board to issue, on its own motion or upon the petition of an interested party, an interim relief order to a diverter or user of water in adjudicative proceedings to apply or enforce specified provisions of law related to water rights and quality.	06/27/2023 - In SENATE Committee on NATURAL RESOURCES AND WATER: Not heard.

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AB 468 Quirk-Silva	State Building Standards		Requires the housing or building department or, if there is no building department, the health department, of every city or county or a specified environmental agency to enforce within its jurisdiction all of the State Housing Law and State Building Standards Code. Provides that if an enforcement agency determines that a building is substandard based solely on the building being occupied, the agency is prohibited from commencing proceedings to abate the violation by repair if specified conditions are met.	07/11/2023 - From SENATE Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
AB 469 Fong	California Public Records Act Ombudsperson		Establishes, within the California State Auditor's Office, the California Public Records Act Ombudsperson. Requires the California State Auditor to appoint the ombudsperson subject to certain requirements. Creates an appropriation.	07/11/2023 - From SENATE Committee on GOVERNMENTAL ORGANIZATION: Do pass to Committee on APPROPRIATIONS.
AB 480 Ting	Surplus Land	Oppose_Amend	Recasts the definition of exempt surplus land with respect to surplus land for specified housing purposes, to remove the requirement that it be put out to open, competitive bid. Requires that certain surplus land be transferred with a covenant or restriction recorded against the land at the time of sale, as specified.	07/10/2023 - From SENATE Committee on HOUSING: Do pass to Committee on APPROPRIATIONS.
AB 485 Davies	Tenancy: Application Screening Fee		Provides that in no case shall the lease application screening fee charged by the landlord or their agent be greater than a specified amount. Relates to law that requires a landlord or their agent give a copy of a consumer credit report to an applicant who has paid an application screening fee and who is the subject of that report, if so requested by the applicant. Requires that the consumer credit report be given to the applicant within a specified number of hours.	02/23/2023 - From ASSEMBLY Committee on JUDICIARY with author's amendments.;02/23/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
AB 489 Calderon	Workers' Compensation: Disability Payments		Establishes a workers' compensation system, administered by the Administrative Director of the Division of Workers' Compensation, to compensate an employee for injuries sustained in the course of the employee's employment; governs temporary and permanent disability indemnity payments; allows an employer to commence a program under which disability indemnity payments are deposited in a prepaid card account for employees.	07/13/2023 - Signed by GOVERNOR.;07/13/2023 - Chaptered by Secretary of State. Chapter No. 2023-063
AB 500 Davies	Rent Increases: Notices		Relates to law that requires a landlord of a residential dwelling to give notice at least a specified number of days before the effective date of the rent change based upon the percentage increase in the amount of rent charged to the tenant at any time during the specified number of months before the effective date of the	02/27/2023 - From ASSEMBLY Committee on JUDICIARY with author's amendments.;02/27/2023 - In

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			increase. Authorizes a landlord of a residential dwelling to give notice by electronic mail.	ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
AB 501 Fong	Greenhouse Gas Reduction Fund: High-Speed Rail		Provides that existing law continuously appropriates a specified percent of the annual proceeds of the Greenhouse Gas Reduction Fund to the High-Speed Rail Authority for certain purposes. Suspends the appropriation to the High-Speed Rail Authority. Requires the transfer of those amounts from moneys collected by the Air Resources Board to the General Fund. Specifies that the transferred amounts shall be available to augment funding for water conveyance, water storage infrastructure, and flood prevention.	04/24/2023 - In ASSEMBLY Committee on TRANSPORTATION: Failed passage.;04/24/2023 - In ASSEMBLY Committee on TRANSPORTATION: Reconsideration granted.
AB 504 Reyes	State and Local Public Employees: Labor Relations		Provides that it is not unlawful or a cause for discipline or other adverse action against a public employee for that employee to refuse to enter property that is the site of a primary strike, perform work for a public employer involved in a primary strike, or go through or work behind a primary strike line. States that a provision in a public employer policy or collective bargaining agreement that purports to limit or waive specified rights shall be void against public policy, with certain exceptions.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 508 Petrie-Norris	Probation: Environmental Crimes		Authorizes a court, for entities with more than a specified number of employees, to impose a period of probation for a maximum period of a specified number of years in specified crimes relating to, among other things, fish and game, dumping in waterways, pesticides, oil dumping and spills, waste management, and animal cruelty.	07/11/2023 - From SENATE Committee on PUBLIC SAFETY: Do pass to Committee on APPROPRIATIONS.
AB 509 Fong	Personal Income Taxes: Gross Income: Exclusion: Student		Provides that the Personal Income Tax Law excludes from the gross income of an employee amounts paid or incurred by an employer for educational assistance to the employee up to a specified amount during a year. Includes in the definition of educational assistance a payment made by an employer on or after specified date, and before specified date, paid or incurred by the employer, whether paid to the employee or to a lender, of principal or interest on a qualified education loan relating to interest.	05/18/2023 - In ASSEMBLY. Joint Rule 62(a) suspended.;05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 516 Ramos	Mitigation Fee Act: Fees for Improvements: Reports		Provides that the Mitigation Fee Act authorizes a person to request an audit to determine whether a fee or charge levied by a local agency exceeds the amount reasonably necessary to cover the cost of a product, public facility, or service provided by the local agency. Expands the purposes of the audit to include a	07/12/2023 - In SENATE. Read second time. To third reading.

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			determination of when the revenue generated by a fee or charge is scheduled to be expended and when the public improvement is scheduled to be completed. Provides for specified exemptions.	
AB 518 Wicks	Paid Family Leave: Eligibility		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. Authorizes the employee to identify the designated person when they file a claim for benefits. Makes these changes operative on and after specified date.	07/03/2023 - From SENATE Committee on APPROPRIATIONS with author's amendments.;07/03/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 520 Santiago	Employment: Public Entities		Provides that under existing law, any individual or business entity that contracts for services in the property services or long-term care industries is jointly and severally liable for any unpaid wages, including interest, where the individual or business entity has been provided notice, by any party, of any proceeding or investigation by the Labor Commissioner in which the employer is found liable for those unpaid wages. Provides that any public entity is jointly and severally liable for any unpaid wages.	07/12/2023 - From SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Do pass to Committee on APPROPRIATIONS.
AB 521 Bauer-Kahan	Occupational Safety and Health Standards: Toilets		Requires the Division of Occupational Safety and Health, before specified date, to submit to the Occupational Safety and Health Standards Board a rulemaking proposal to consider revising a regulation on construction jobsite toilet facilities to require at least one designated separate toilet facility for jobsites with a specified number of required separate toilet facilities for employees who self-identify as female or nonbinary.	07/05/2023 - In SENATE. Read second time. To third reading.
AB 527 Calderon	Urban Forestry: School Greening Projects: Grants		Provides that the California Urban Forestry Act of 1978 requires the Department of Forestry and Fire Protection to implement a program in urban forestry to encourage better tree management and planting in urban areas. Requires funds to be administered to support school greening by providing grants to eligible local educational agencies, nonprofit organizations, cities, counties, and districts, through a competitive grant process developed by the department. Requires the department to develop guidelines.	07/10/2023 - In SENATE Committee on APPROPRIATIONS: To Suspense File.

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AB 529 Gabriel	Adaptive Reuse Projects		Requires the Department of Housing and Community Development, in consultation with the State Fire Marshal, to research and develop revisions and clarifications to the California Building Standards Code pertaining to the requirements for adaptive reuse development projects. Authorizes the department to propose these revisions and clarifications to the California Building Standards Commission.	07/10/2023 - From SENATE Committee on HOUSING: Do pass to Committee on APPROPRIATIONS.
AB 530 Boerner	Vehicles: Electric Bicycles		Prohibits a person under a specified age from operating an electric bicycle of any class. States the intent of the Legislature to create an e-bike license program with an online written test and a State-issued photo identification for those persons without a valid driver's license, prohibit persons under a specified age from riding e-bikes, and create a stakeholders working group to work on recommendations to establish an e-bike training program and license.	07/13/2023 - From ASSEMBLY Committee on RULES with author's amendments.;07/13/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on RULES.
AB 541 Wood	California Safe Drinking Water Act: Wildfire Aftermath		Relates to the California Safe Drinking Water Act. Directs the State Water Resources Control Board to require a public water system that has experienced a wildfire event meeting specified criteria to perform sample collection and analysis of its source waters, treatment facilities, conveyance facilities, distribution systems, or a combination thereof, for the presence of benzene as soon as it is safe to do so.	07/05/2023 - In SENATE. Read second time. To third reading.
AB 544 Bryan	Voting: County Jails		Requires the county sheriff or county jail facility administrator to designate an employee as a voting coordinator at each facility who will be responsible for ensuring compliance with requirements pertaining to polling locations, for maintaining voter education materials in the jail library, and for posting informational flyers regarding voting rights and eligibility to vote, among other duties. Requires the Secretary of State to prepare a related training for voting coordinators.	04/19/2023 - From ASSEMBLY Committee on ELECTIONS: Do pass to Committee on APPROPRIATIONS.
AB 547 Alanis	Distribution of Energy Resources		Makes nonsubstantive changes to existing law that requires the State Energy Resources Conservation and Development Commission to continuously carry out studies, research projects, data collection, and other activities required to assess the nature, extent, and distribution of energy resources to meet the needs of the state.	02/08/2023 - INTRODUCED.
AB 548 Boerner	State Housing Law: Inspection		Requires local enforcement agencies, by specified date, to develop policies and procedures for inspecting a building with multiple units if an inspector or code enforcement officer has determined that a unit is substandard or is in violation of	07/03/2023 - In SENATE Committee on

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			the State Housing Law. Provides that if the enforcement agency determines the substandard condition could reasonably affect other units, a certain notice is required to be given to the property owner and the units reinspected to verify correction of the violations.	APPROPRIATIONS: To Suspend File.
AB 557 Hart	Open Meetings: Local Agencies: Teleconferences	Support	Authorizes the legislative body of a local agency to use teleconferencing without complying with specified teleconferencing requirements in specified circumstances when a declared state of emergency is in effect. Provides that those circumstances are that, among other things, State or local officials have imposed or recommended measures to promote social distancing.	06/29/2023 - In SENATE. Read second time. To third reading.
AB 560 Bennett	Sustainable Groundwater Management Act		Requires the parties to an adjudication action to submit a proposed settlement agreement determining rights to water to the State Water Resources Control Board for a nonbinding advisory determination as to whether the proposed settlement agreement will substantially impair the ability of a groundwater sustainability agency, the board, or the Department of Water Resources to achieve sustainable groundwater management before filing the proposed settlement agreement with the court.	07/11/2023 - From SENATE Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
AB 573 Garcia E	Organic Waste: Meeting Recovered Organic Waste Product		Provides that existing law requires the State Air Resources Board to approve and begin implementing a comprehensive short-lived climate pollutant strategy to achieve a certain reduction in statewide emissions of methane. Requires the Department of Resources Recycling and Recovery to allow a local jurisdiction, in procuring recovered organic waste products to meet procurement requirements, to use California-derived recovered organic waste that the local jurisdiction sends for processing outside of the State.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 575 Papan	Paid Family Leave		Expands the family temporary disability insurance program to provide benefits to workers who take time off work to bond with a minor child within one year of assuming responsibilities of a child in loco parentis. Provides that under existing law, workers are required to pay contributions to the Unemployment Compensation Disability Fund. Appropriates funds.	07/10/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 584 Hart	California Coastal Act of 1976: Coastal Development		Relates to the California Coastal Act which requires the issuance of a coastal development permit if the proposed development is in conformity with the certified local coastal program. Provides that permit requirements may be waived under specified circumstances. Provides that this waiver provision does not	07/13/2023 - In SENATE. Read third time. Passed SENATE. To enrollment.

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			authorize the permanent erection of structures valued at more than a specified amount. Increases the amount, adjusted annually for inflation pursuant to the consumer price index.	
AB 585 Rivas R	California Global Warming Solutions Act of 2006		Requests the California Council on Science and Technology, in its discretion, every specified number of years, to perform a literature review as an ongoing series of systematic reviews, including source materials, to assess the infrastructure project types, scale, and pace necessary to achieve the State's energy, climate change, and air quality goals.	07/05/2023 - From SENATE Committee on ENVIRONMENTAL QUALITY: Do pass to Committee on APPROPRIATIONS.
AB 587 Rivas R	Public Works: Payroll Records		Requires any copy of records requested by, and made available for inspection by or furnished to, a multiemployer Taft-Hartley trust fund or joint labor-management committee be provided on forms provided by the Division of Labor Standards Enforcement or contain the same information as the forms provided by the division.	06/27/2023 - In SENATE. Read second time. To third reading.
AB 593 Haney	Carbon Emission Reduction Strategy: Building Sector		Requires the State Energy Resources Conservation and Development Commission to adopt a strategy, with milestones, to reduce emissions of greenhouse gases for the building sector. Requires the commission, in developing the strategy, to consult and collaborate with certain entities, to hold at least a specified number of public workshops, and to convene stakeholder sessions.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 594 Maienschein	Labor Code: Alternative Enforcement		Authorizes a public prosecutor, to prosecute an action, either civil or criminal, for a violation of specified provisions of the Labor Code. Authorizes the recovery of willful misclassification penalties by the employee as a statutory penalty pursuant to the informal hearing provisions or by the Labor Commissioner as a civil penalty through the issuance of a citation or pursuant to existing law that authorizes action on behalf of a person financially unable to employ counsel.	07/11/2023 - From SENATE Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
AB 606 Mathis	Endangered Species Act: Accidental Take: Farms		Relates to the California Endangered Species Act, which prohibits the taking of an endangered or candidate species. Provides that the accidental take of a candidate, threatened, or endangered species resulting from an act that occurs on a farm or a ranch in the course of otherwise lawful routine and ongoing agricultural activities is not prohibited by the Act. Requires the Department of Fish and Wildlife to conduct outreach to raise awareness of reporting requirement within the agricultural community.	07/10/2023 - In SENATE Committee on APPROPRIATIONS: To Suspend File.

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AB 609 Papan	Office of Wildfire Technology Research and Development		Requires the Office of Wildfire Technology Research and Development to submit a report to the Legislature that assesses the feasibility of the Department of Forestry and Fire Protection and the Office of Emergency Services, working with the National Interagency Aviation Committee and the International Airtanker Board, to conduct an evaluation of innovative new aerial firefighting technologies and whether any new technologies exist that might meet CAL FIRE standards of water and retardant delivery systems.	07/12/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 626 Pellerin	Voting: Returning Vote by Mail Ballots in Person		Authorizes a voter to vote their vote by mail ballot without the identification envelope if the voter returns the ballot in person at the polling place designated for the voter's home precinct or a vote center, if specified conditions are met. Requires a ballot cast in this manner to be processed and counted like a nonprovisional ballot cast in person at the polling place or vote center.	07/03/2023 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
AB 627 Jackson	Heavy-Duty Trucks: Grant Program: Requirements		Prohibits the operation of a heavy-duty diesel-fueled vehicle within the city limits of any city identified by the State Air Resources Board as a disadvantaged community and meeting specified air pollution criteria with respect to diesel particulate matter.	04/03/2023 - From ASSEMBLY Committee on TRANSPORTATION with author's amendments.;04/03/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on TRANSPORTATION.
AB 641 Fong	Automobile Dismantlers: Catalytic Converters		Revises the definition of an automobile dismantler to include a person who keeps or maintains on property owned by the person, or under their possession or control, for specified purposes a specified number or more used catalytic converters that have been cut from a motor vehicle using a sharp implement. Makes a first violation of acting as an automobile dismantler due to possessing a specified number or more catalytic converters punishable as an infraction.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 655 Petrie-Norris	Fish and Wildlife: Aquatic Invasive Species: Caulerpa		Prohibits a person from selling, possessing, importing, transporting, transferring, releasing alive in the State, or giving away without consideration all salt water algae of the genus Caulerpa, except that possession for bona fide scientific research.	07/13/2023 - In SENATE. Read third time. Passed SENATE. To enrollment.
AB 664 Lee	California Safe Drinking Water Act		Authorizes the State Water Resources Control Board to issue a citation to any person if the State Board determines that the person is in violation of the California	06/26/2023 - In SENATE Committee on

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			Safe Drinking Water Act, or any regulation, permit, standard, or order issued or adopted under the act. Requires persons to reimburse the State Board for actual costs incurred by the State Water Board for specified enforcement activities related to that person.	APPROPRIATIONS: To Suspend File.
AB 668 Quirk-Silva	Political Campaigns: Signs		States the intent of the Legislature to enact legislation related to the posting of political signs.	02/13/2023 - INTRODUCED.
AB 669 Dixon	Administrative Regulations		Makes nonsubstantive changes to findings and declarations of the Legislature relating to administrative regulations.	02/13/2023 - INTRODUCED.
AB 671 Ward	CalHome Program: Accessory Dwelling Units		Specifies that neither the CalHome Program nor any administrative rule or guideline implementing the CalHome Program precludes a community land trust from using CalHome Program funds to purchase residential real property in fee simple, to construct accessory dwelling units or junior accessory dwelling units on the property, and to separately lease each dwelling unit on the property to separate households or separately convey the dwelling units on separate parcels created pursuant to specified law.	07/10/2023 - From SENATE Committee on HOUSING: Do pass to Committee on APPROPRIATIONS.
AB 676 Bennett	Water: General State Policy		Provides that existing law establishes various State water policies, including the policy that the use of water for domestic purposes is the highest use of water and that the next highest use is for irrigation. Specifies that the use of water for domestic purposes includes water use for human consumption, cooking, sanitary purposes, care of household livestock, animals, and gardens, fire suppression and other safety purposes, and any other purpose determined to be a domestic purpose by a court.	07/12/2023 - In SENATE. Read second time and amended. To third reading.
AB 678 Alvarez	Biomethane Procurement Targets or Goals		Requires Public Utilities Commission to consider adopting specific biomethane procurement targets or goals for each gas corporation and core transport agent. Provides that if the commission adopts the biomethane procurement targets or goals, the commission is required to authorize a core transport agent to have a gas corporation procure the core transport agent's proportionate share of biomethane in order to satisfy the biomethane procurement targets or goals.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 682 Mathis	State Water Resources Control Board: Online Search Tool		Requires the State Water Resources Control Board to update the state board's online search tool for funding applications to include a description of the additional information the state board needs from a water system to continue	07/05/2023 - In SENATE. Read second time. To third reading.

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			processing the water system's application and a description of the typical steps that must be completed before a funding agreement can be executed after receipt of a complete application, among other information.	
AB 687 Hart	California Cannabis Authority		Provides that existing law requires the Department of Cannabis Control to establish a track and trace program for reporting the movement of cannabis and cannabis products throughout the distribution chain. Requires the track and trace program, if the sale of cannabis is conducted by delivery, to capture the ZIP Code of the delivery address. Requires the department to allow access to or to provide information contained within the electronic database to specified local agencies.	06/26/2023 - From SENATE Committee on BUSINESS, PROFESSIONS AND ECON. DEVELOPMENT: Do pass to Committee on APPROPRIATIONS.
AB 707 Patterson J	Information Practices Act: Commercial Purposes		Revises the definition of commercial purpose under the Information Practices Act of specified year to instead mean any purpose that has financial gain as an objective.	02/23/2023 - To ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION.
AB 726 Patterson J	Information Practices Act: Definitions		Expands the term agency under the Information Practices Act of specified year to include any vendor or contractor of that agency.	02/23/2023 - To ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION.
AB 727 Weber A	Product Safety: Cleaning Products: PFAs	Support	Prohibits a person from manufacturing, selling, delivering, distributing, holding, or offering for sale in the State a cleaning product that contains regulated perfluoroalkyl and polyfluoroalkyl substances. Requires the Attorney General, a city attorney, a county counsel, or a district attorney to provide a written notice of an alleged violation to a retailer before bringing an action.	07/10/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 730 Lowenthal	Public Records Act: Public Agency Employees		Requires an agency to promptly provide a public agency employee with written notice of a request to disclose a record related to personnel, medical, or similar information of that employee. Requires the agency, before disclosing or making those records available, to provide not less than a specified number of days written notice to the employee of its intent to disclose or make the records available. Expands the definition of unusual circumstances.	03/09/2023 - To ASSEMBLY Committees on JUDICIARY and PUBLIC EMPLOYMENT AND RETIREMENT.;03/09/2023 - From ASSEMBLY Committee on JUDICIARY with author's amendments.;03/09/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIA
AB 735 Berman	Workforce Development: Utility Careers	Support	Establishes the High Road Utility Careers (HRUC) program, to be administered by the Workforce Development Board, to connect existing resources with individuals	05/18/2023 - In ASSEMBLY Committee on

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			interested in careers in the utility sector and ensure a continued reliable workforce for California utilities. Requires the board to administer the program through partnerships with statewide water, wastewater, and energy utility associations and to coordinate the program with existing and future programs and initiatives administered by the board.	APPROPRIATIONS: Held in committee.
AB 739 Lackey	Public Retirement Systems: Defined Benefit Plans		Revises the conditions for suspending contributions to a public retirement system defined benefit plan to increase the threshold percentage amount of plan funding to more than 130%.	02/23/2023 - To ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT.
AB 740 Gabriel	Department of General Services: Drone Cybersecurity		Requires the Department of General Services, in consultation with the Chief of the Office of Information Security, to adopt rules and regulations, by a specified date, to ensure that each unmanned aircraft and unmanned aircraft system used by a government entity, as defined, in part, to include local governmental entities, for any purpose meets appropriate safeguards to ensure the confidentiality, integrity, and availability of any data collected, transmitted, or stored by that unmanned aircraft or system.	04/19/2023 - In ASSEMBLY Committee on ACCOUNTABILITY AND ADMINISTRATIVE REVIEW: Not heard.
AB 743 Petrie-Norris	Remote Online Notaries Public		Authorizes the Secretary of State to charge an applicant a fee for an application for registration in an amount necessary to administer the State Public Records Act. Authorizes an online notary public to perform notarial acts and online notarizations by means of audio communication. Provides that any instrument affecting the title to real property that is acknowledged by online notarization and properly indexed or copied in the proper book of record imparts effective notice under certain conditions.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 747 McCarty	Business: Unlawful Employee Contracts and Requirements		Provides that existing law provides for a system of labor standards enforcement administered by the Labor Commissioner. Requires the Commissioner to enforce the prohibition against entering into a contract or contract term that requires a debtor to pay for a debt if the debtor's employment or work relationship with the employer is terminated. Requires the Attorney General and the Labor Commissioner to coordinate responsibility with respect to enforcement of those provisions.	06/01/2023 - In ASSEMBLY. To Inactive File.
AB 749 Irwin	State Agencies: Information Security: Uniform Standards		Requires every State agency to implement Zero Trust architecture for all data, hardware, software, internal systems, and essential third-party software, including for on-premises, cloud, and hybrid environments, to achieve prescribed levels of	07/11/2023 - From SENATE Committee on GOVERNMENTAL

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			maturity based on the Cybersecurity and Infrastructure Security Agency (CISA) Maturity Model by specified dates.	ORGANIZATION: Do pass to Committee on APPROPRIATIONS.
AB 753 Papan	State Water Pollution Cleanup and Abatement Account		Creates the Waterway Recovery Account within the Waste Discharge Permit Fund. Transfers from the State Water Pollution Cleanup and Abatement Account, excluding administratively imposed civil liabilities that include a supplemental environmental project in connection with a monetary penalty, a specified percent of the annual proceeds to the Waterway Recovery Account. Appropriates funds.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 754 Papan	Water Management Planning: Water Shortages	Watch	Requires a water shortage contingency plan to include, if based on a description and quantification of each source of water supply, a single reservoir constitutes at least a specified percent of the total water supply, an identification of the dam and description of existing reservoir management operations, and if the reservoir is owned and operated by the supplier, a description of operational practices and approaches.	07/10/2023 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on APPROPRIATIONS.
AB 755 Papan	Water: Public Entity: Water Usage Demand Analysis	Watch	Provides that a public entity should 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 that are consistent with applicable law. Requires a public entity to identify, within the water usage demand analysis, the marginal cost of water service incurred by the public entity as a result of high water users, and the average annual volume of water delivered to high water users.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 759 Grayson	Sanitary Districts		Authorizes funds to be withdrawn by a sanitary district treasurer or expended by a treasurer upon approval by the district board, signed by the president and secretary. Authorizes the board to adopt specified procedures to provide payment of demands and claims without prior approval by the board if a district treasurer determines the demands are payable within the district's approved budget. Requires board approval for any payment exceeding the district's approved budget.	06/29/2023 - Signed by GOVERNOR.;06/29/2023 - Chaptered by Secretary of State. Chapter No. 2023-19
AB 764 Bryan	Local Redistricting		Requires a local jurisdiction, before adopting new district boundaries, to hold at least one public workshop and at least a specified number of public hearings, with specified exceptions. Requires a local jurisdiction to make available on its redistricting web page, within specified time frames, recordings or written summaries of oral public comments made at workshops or public hearings, and written comments and draft maps.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

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AB 779 Wilson	Groundwater: Adjudication		Provides that existing law establishes various methods and procedures for a comprehensive adjudication of groundwater rights in civil court. Authorizes the court to refer the matter to the State Water Resources Control Board for investigation and report in order to assist the court in making findings pursuant to these provisions, and authorizes a party to request that the court refer the matter to the board for specified purposes.	07/11/2023 - From SENATE Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
AB 783 Ting	Business Licenses: Single-User Restrooms		Requires a city, county, or city and county that issues business licenses, equivalent instruments, or permits within its jurisdiction to provide written notice to each applicant for a new or renewed business license, equivalent instrument, or permit of the requirement that all single-user toilet facilities in any business establishment, place of public accommodation, or government agency be identified as all-gender toilet facilities.	07/05/2023 - In SENATE. Read second time. To third reading.
AB 788 Petrie-Norris	Fire Prevention: Grant Programs: Reporting		Requires the Wildfire and Forest Resilience Task Force, on or before specified date, and annually thereafter, to compile and post on its internet website specified information relating to specified State and federal grant programs relating to fire prevention.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 805 Arambula	Drinking Water Consolidation: Sewer Service		Authorizes the State Water Resources Control Board to order consolidation of sewer service along with an order of consolidation of drinking water systems when both of the receiving and subsumed water systems provide sewer service and after the state board engages in certain activities, including, but not limited to, consulting with the relevant regional water board and the receiving water system and conducting outreach to ratepayers and residents served by the receiving and subsumed water systems.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS. Held in committee and made a Two-year bill.
AB 809 Bennett	Salmonid Population: California Monitoring Program Fund		Requires the Department of Fish and Wildlife to establish the California Monitoring Program to collect comprehensive data on anadromous salmonid populations to inform salmon and steelhead recovery, conservation, and management activities. Authorizes the department to consult with local agencies, tribes, conservation organizations, and academic institutions to carry out monitoring efforts under the program. Establishes the California Monitoring Program Fund.	07/10/2023 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on APPROPRIATIONS.

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AB 817 Pacheco	Open Meetings: Teleconferencing: Subsidiary Body		Relates to the Ralph Brown Act. Authorizes a subsidiary body to use alternative teleconferencing provisions similar to the emergency provisions indefinitely and without regard to a state of emergency.	03/16/2023 - To ASSEMBLY Committee on LOCAL GOVERNMENT.;03/16/2023 - From ASSEMBLY Committee on LOCAL GOVERNMENT with author's amendments.;03/16/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
AB 821 Grayson	Planning and Zoning: General Plan: Zoning Ordinance		Provides that in the event that a zoning ordinance becomes inconsistent with a general plan due to an amendment to the general plan and a local agency receives a development application for a project that is not subject to specified provisions of law relating to housing development projects and that is consistent with the general plan but inconsistent with a zoning ordinance, the local agency is required to, among other options, amend the zoning ordinance within a specified number of days from the receipt.	07/06/2023 - From SENATE Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
AB 824 Calderon	Highway Greening: Statewide Strategic Plan		Enacts the Highway Greening Act, which would require the Department of Transportation to complete a statewide strategic plan to work to achieve at least a specified percent increase of green highways in urban areas, disadvantaged communities, and low-income communities by specified year. Requires the department to submit the plan to the Legislature and specified committees of the Legislature on or before specified date.	07/03/2023 - From SENATE Committee on APPROPRIATIONS with author's amendments.;07/03/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 828 Connolly	Sustainable Groundwater Management: Managed Wetlands		Authorizes any local agency or combination of local agencies overlying a groundwater basin to decide to become a groundwater sustainability agency for that basin and imposes specified duties upon that agency or combination of agencies. Provides that existing law grants a groundwater sustainability agency specified authority and authorizes a groundwater sustainability agency to regulate groundwater extraction using that authority.	04/17/2023 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;04/17/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.

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AB 830 Soria	Lake and Streambed Alteration Agreements: Exemptions		Provides that existing law prohibits a person, a state or local governmental agency, or a public utility from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake. Exempts the temporary operation of existing infrastructure or temporary pumps being used to divert flood stage flows or near-flood stage flows to groundwater recharge as long as certain conditions are met.	07/10/2023 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on APPROPRIATIONS.
AB 835 Lee	State Fire Marshal: Building Standards: Single-Exit		Requires the State Fire Marshal to research standards for single-exit, single stairway multiunit residential buildings above a specified number of stories and provide a report to specified legislative committees and to the California Building Standards Commission. Requires this report to address fire and life safety or emergency activities in single-exit, single stairway multiunit residential buildings above a specified number of stories.	06/28/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 836 Essayli	Social Media Platform: First Amendment Forum		Declares that, notwithstanding any law, a social media platform, as defined, shall be considered a traditional First Amendment forum for those purposes, as specified. Requires a social media platform located in the State to develop a policy or mechanism to address content or communications that constitute unprotected speech, including obscenity, incitement of imminent lawless action, and true threats, or that purport to state factual information that is demonstrably false.	03/28/2023 - In ASSEMBLY Committee on JUDICIARY: Not heard.
AB 837 Alvarez	Surplus Land: Exempt Surplus Land		Provides, until specified date, that land that is subject to a sectional planning area is not subject to specified requirements for the disposal of surplus land if specified conditions are met. Requires a local agency that disposes of land pursuant to these provisions to submit a specified report to the Department of Housing and Community Development.	06/07/2023 - To SENATE Committees on GOVERNANCE AND FINANCE and HOUSING.
AB 838 Connolly	State Water Affordability and Infrastructure Act	Oppose	Requires, beginning on specified date, and thereafter at intervals determined by the State Water Resources Control Board, public water systems to provide specified information and data related to customer water bills and efforts to replace aging infrastructure to the State Board.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 841 Berman	State Energy Resources Conservation and Development		Requires the State Energy Resources Conservation and Development Commission to submit to the Legislature an Industrial Heat Electrification Roadmap. Authorizes the commission to consult with the State Air Resources Board to include in the roadmap an estimate of the reductions in emissions of greenhouse	07/10/2023 - Withdrawn from SENATE Committee on ENVIRONMENTAL QUALITY.;07/10/2023 - Re-

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			gases and criteria air pollutants, and commensurate health benefits, from electrifying the identified industrial subsectors.	referred to SENATE Committee on APPROPRIATIONS.
AB 844 Gipson	Zero-Emission Trucks: Insurance		Requires the Department of Insurance to implement specific data collections on the availability and affordability of insurance for heavy-duty trucks and truck fleets. Requires the Insurance Commissioner to establish and maintain a link on the department internet website that provides public access to this information.	07/11/2023 - From SENATE Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
AB 868 Wilson	Political Reform Act of 1974: Digital Political Ads		Enacts the Digital Advertisement Transparency and Accountability Act, or DATA Act. Requires a committee that pays for a digital advertisement to appear on an online platform to submit to the Fair Political Practices Commission a copy of the digital advertisement and specified information. Requires an online platform to transmit to the commission specified information regarding digital advertisements, and to retain the information for no less than a specified number of years for specified purposes.	07/11/2023 - From SENATE Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
AB 882 Davies	Coastal Resources: State Coastal Conservancy		Permits the State Coastal Conservancy to authorize advance payments on a contract or grant awarded in accordance with the pilot program to explore possible improvements to the State's existing advance payment practices for State-funded assistance grants.	07/10/2023 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on APPROPRIATIONS.
AB 885 Rivas	Public Contracts: Nonprofit Organizations		Establishes the California Nonprofit Fairness in Contracting Act and would define, among other terms, covered contract to mean a contract for goods or services by a state or local agency using state funds, including a grant made by a state or local agency using state funds. Requires a state or local agency to, among other things, establish a preference for covered contracts that last longer than one year when awarding a covered contract to a nonprofit.	04/19/2023 - In ASSEMBLY Committee on ACCOUNTABILITY AND ADMINISTRATIVE REVIEW: Not heard.
AB 886 Wicks	California Journalism Preservation Act		Requires an eligible digital journalism provider to spend at least a specified percent of funds received pursuant to the California Journalism Preservation Act on news journalists and support staff employed by the eligible digital journalism provider. Requires an eligible digital journalism provider with a specified number or fewer employees to spend at least a specified percent of funds received pursuant to these provisions on news journalists and support staff employed by the digital journalism provider.	07/03/2023 - From SENATE Committee on JUDICIARY with author's amendments.;07/03/2023 - In SENATE. Read second time and amended. Re-referred to Committee on JUDICIARY.

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AB 894 Friedman	Parking Requirements: Shared Parking		Requires a public agency to allow entities with underutilized parking to share their underutilized parking with the public, public agencies, or other entities, if those entities submit a shared parking agreement. Requires a public agency to approve the shared parking agreement if it includes a parking analysis using peer-reviewed methodologies developed by a professional planning association.	07/10/2023 - From SENATE Committee on HOUSING: Do pass to Committee on APPROPRIATIONS.
AB 895 Chen	Solid Waste: Management		Requires the State Air Resources Board to complete a comprehensive strategy to reduce emissions of short-lived climate pollutants in the state and to approve and begin implementing the strategy to achieve a reduction in the statewide emissions of methane by a specified percent below 2013 levels by specified year.	03/23/2023 - To ASSEMBLY Committee on NATURAL RESOURCES.;03/23/2023 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/23/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
AB 900 Bennett	Aquifer Recharge		Relates to law that requires the Natural Resources Agency to update every 3 years the State's climate adaptation strategy, known as the Safeguarding California Plan. Requires agencies to maximize specified objectives, including promoting the use of natural systems and natural infrastructure, when developing physical infrastructure to address adaptation. Adds aquifers as part of the meaning of natural infrastructure.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 914 Friedman	California Environmental Quality Act: Review Time		Requires a State agency acting as the lead agency, until specified date, to complete its environmental review for an electrical infrastructure project and to approve or deny the project within a specified number of years of the submission and acceptance of a complete application for the issuance of a lease, permit, license, certificate, or other entitlement for use for electrical infrastructure to the State agency.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 916 Davies	Administrative Procedure Act: Office of Administrative		Makes a nonsubstantive change to a provision of the Administrative Procedure Act.	02/14/2023 - INTRODUCED.
AB 919 Kalra	Residential Real Property: Sale of Rental Properties		Requires an owner of residential real property, defined to include a single-family residential property that is occupied by a tenant or a multifamily residential property to take various actions before offering the residential real property for	02/23/2023 - To ASSEMBLY Committees on JUDICIARY and HOUSING AND

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			sale to any purchaser, soliciting any offer to purchase the residential real property, or otherwise entering into a contract for sale of the residential real property.	COMMUNITY DEVELOPMENT.
AB 920 Bryan	Discrimination: Housing Status		Prohibits discrimination based upon housing status, as defined.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 923 Bauer-Kahan	Flood Plain Restoration Projects: Central Valley: Study		Requires the Central Valley Flood Protection Board, in coordination with the Department of Water Resources, to identify priority flood plain restoration or floodway expansion projects where increased flows due to climate change are likely to overwhelm existing flood protection infrastructure. Requires the department and the board to conduct broad stakeholder outreach to identify priority projects and would require that those projects provide at least a specified number of public benefits.	07/12/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 930 Friedman	Local Government: Reinvestment in Infrastructure		Authorizes cities or counties to jointly form a Reinvestment in Infrastructure for a Sustainable and Equitable California district. Requires the standards developed by the Office of Planning and Research to require a RISE development plan to provide that at least a specified percent of the funding received by the district be spent on infill supportive infrastructure, and to provide that at least a specified percent of the funds received by the district be spent on low or moderate income residential units.	04/26/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 932 Ting	Accessory Dwelling Units: Accessory Dwelling Unit		Provides that existing law requires the California Housing Finance Agency to convene a working group to develop recommendations for Accessory Dwelling Unit Program. Requires CalHFA to evaluate the program and report CalHFA's findings to the Legislature by specified date.	06/20/2023 - From SENATE Committee on HOUSING: Do pass to Committee on APPROPRIATIONS.
AB 933 Aguiar-Curry	Privileged Communications: Incident of Sexual Assault		Provides that existing law makes certain publications and communications privileged and therefore protected from civil action, including complaints of sexual harassment by an employee, without malice, to an employer based on credible evidence. Includes among those privileged communications a communication made by an individual regarding an incident of sexual assault, harassment, or discrimination. Specifies the attorney's fees and damages available to a prevailing defendant in any defamation action.	06/15/2023 - In SENATE. Read second time. To third reading.

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AB 947 Gabriel	California Consumer Privacy Act of 2018		Defines sensitive personal information for purposes of the California Consumer Privacy Act of 2018 to additionally include personal information that reveals a consumer's citizenship or immigration status.	07/05/2023 - In SENATE. Read second time. To third reading.
AB 950 Maienschein	Accessibility: Internet Websites		Relates to the Commission on Disability Access. Provides for damages based upon the inaccessibility of an internet website. Specifies that a website is presumed to provide equally effective communication for the purpose of determining whether an award of minimum statutory damages is warranted if the website, taking into account the variety of conforming implementations that may be used to meet the website-related accessibility standard, complies with an internet website-related accessibility standard.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 956 Alvarez	California State Auditor: Background Checks		Provides that the California State Auditor shall require fingerprint images and related information from a prospective employee whose duties include or would include access to records, documents, or information, the disclosure of which is restricted by law from release to the public, confidential information gathered during the course of an investigation conducted pursuant to the California Whistleblower Protection Act, and access to cash, checks, and other accountable items. Appropriates funds.	07/14/2023 - *****To GOVERNOR.
AB 961 Dixon	State Mandates: Claims		Relates to state mandates, claims. Changes the minimum claim amount to a specified amount.	02/23/2023 - To ASSEMBLY Committee on LOCAL GOVERNMENT.
AB 965 Carrillo J	Local Government: Broadband Permit Applications		Requires a local agency to undertake batch broadband permit processing upon receiving a specified number or more broadband permit applications for substantially similar broadband project sites submitted at the same time by the same applicant, within a presumptively reasonable time. Provides that, if a local agency denies a broadband permit application, the local agency is required to notify the applicant in writing of the reasons for the denial.	07/12/2023 - From SENATE Committee on GOVERNANCE AND FINANCE: Do pass to Committee on APPROPRIATIONS.
AB 967 Flora	California Safe Drinking Water Act: Definitions		Makes nonsubstantive changes to definitions to the California Safe Drinking Water Act.	02/14/2023 - INTRODUCED.
AB 968 Grayson	Single-Family Residential Property: Disclosures		Requires a seller of a single-family residential property who accepts an offer for the sale of the single-family residential property within a specified number of months from the date that title for the single-family residential property was transferred to the seller to disclose to the buyer specified information, including	07/11/2023 - *****To GOVERNOR.

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			but not limited to repairs made to the property since title to the property was transferred that were performed by a contractor and the name of each contractor.	
AB 969 Pellerin	Elections: Voting Systems		Requires an elections official or the governing body of a jurisdiction that administers elections to use a certified voting system. Makes the termination of a contract for a certified voting system provisional unless and until the jurisdiction has a transition plan and has finalized and signed a new contract for a certified voting system.	07/11/2023 - In SENATE. Read second time. To third reading.
AB 970 Rivas	Insurance: Climate and Sustainability Insurance		Requires the Department of Insurance, upon appropriation, to establish and administer the Climate and Sustainability Insurance and Risk Reduction Program for the purpose of achieving specified goals, including developing proof of concepts that expand insurance options, especially in vulnerable and disadvantaged communities where climate risks are currently uninsured or underinsured. Establishes climate insurance pilot projects in specified local jurisdictions to reduce physical risks from flooding.	07/12/2023 - From SENATE Committee on GOVERNANCE AND FINANCE: Do pass to Committee on APPROPRIATIONS.
AB 975 Ta	Public Nuisance Abatement: Homeless Encampments		Requires a court to award attorney's fees to a prevailing plaintiff in an action to require a governmental entity to abate a public nuisance arising from a homeless encampment.	02/23/2023 - To ASSEMBLY Committee on JUDICIARY.
AB 976 Ting	Accessory Dwelling Units: Owner-occupancy Requirements		Prohibits a local agency from imposing an owner-occupancy requirement on any accessory dwelling unit.	07/10/2023 - In SENATE. Read second time. To third reading.
AB 983 Cervantes	Surplus Land		Expands the category of exempt surplus land to include land that is designated in an adopted downtown revitalization plan not to exceed a specified number of square miles and includes residential, commercial, office, civic and hospitality uses.	03/16/2023 - To ASSEMBLY Committee on LOCAL GOVERNMENT.;03/16/2023 - From ASSEMBLY Committee on LOCAL GOVERNMENT with author's amendments.;03/16/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
AB 985 Arambula	San Joaquin Valley Unified Air Pollution Control		Requires the State Air Resources Board to conduct an analysis of each credit identified in the San Joaquin Valley Unified Air Pollution Control District's ledger	07/06/2023 - In SENATE. Read second time and amended. Re-

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			of available emission reduction credits to determine if any credits were issued in violation at the time of original issuance. Requires the district to aggregate and make available on its website specified information regarding permits issued during a specified time period that require or required the use of one or more emission reduction credits.	referred to Committee on APPROPRIATIONS.
AB 989 Flora	Local Government: Ordinances		Relates to existing law which prohibits the adoption by reference of any penalty clauses that may appear in any code that is adopted by reference. Makes non-substantive changes to this provision prohibiting adoption by reference of any penalty clause.	02/15/2023 - INTRODUCED.
AB 995 Ting	Electricity: Resource Adequacy Requirements: Reporting		Requires the Public Utilities Commission to calculate and publish biannually, rather than annually, on its internet website, in a new report or as part of another report, the percentage of each load-serving entity's local and system resource adequacy requirements from the previous calendar year that was met with capacity from eligible renewable energy resources, other zero-carbon resources, or energy storage resources.	02/23/2023 - To ASSEMBLY Committee on UTILITIES AND ENERGY.
AB 998 Connolly	Biomass Energy Facilities: State Energy Commission		Requires the State Energy Resources Conservation and Development Commission, on or before specified date to issue a report on the utility-scale biomass combustion facilities still in operation as of specified date. Requires the report to include various assessments of biomass combustion facilities still in operation as of specified date, and options to maximize the environmental benefits of these facilities.	07/10/2023 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
AB 1004 Ta	Initiative, Referendum, and Recall Petitions: Signature		Establishes a process for a voter whose signature on an initiative, referendum, or recall petition is rejected by an elections official to submit a statement to verify the signature. Requires officials to report to the Secretary of State the number of notices mailed to voters, the number of returned verification statements, and the number of signatures successfully and unsuccessfully cured. Requires the Secretary to compile this data on an annual basis and post report information on its website.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1009 Flora	Property Taxation		Makes nonsubstantive changes to existing law with respect to the collection of property taxes which provides that any county department, officer, or employee may refrain from collecting any tax, assessment, penalty or cost, license fees, or	02/15/2023 - INTRODUCED.

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			money owing to the county where the amount to be collected is at a specified amount.	
AB 1012 Quirk-Silva	State Air Resources Board: Mobile Source Regulations		Provides that existing law requires the State Air Resources Board to adopt and implement motor vehicle emission standards, in-use performance standards, and motor vehicle fuel specifications for the control of air contaminants. Requires the State Board, if it proposes a regulation to regulate an on-road mobile source, to prepare a lifecycle analysis of any technology required by the regulation, and in its discretion, any incumbent technology.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS. Held in committee and made a Two-year bill.
AB 1024 Aguiar-Curry	Water Rights: Small Irrigation Use		Exempts an entity from the requirement to enter into a lake or streambed alteration agreement with the Department of Fish and Wildlife if the entity submits a State Water Resources Control Board-approved registration or renewed or amended registration for water use in specified counties to the department and the department determines certain requirements are met. Limits the number of these registrations to a specified amount for the first year of implementation.	06/27/2023 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on APPROPRIATIONS.
AB 1031 Rubio	Employee Rest Periods		Relates to employees providing direct support to individuals with intellectual and developmental disabilities. Requires, if a nonexempt employee is affirmatively required to interrupt their rest period to respond to the needs of a consumer, that another rest period be authorized and permitted reasonably promptly after the circumstances that led to the interruption have passed.	03/23/2023 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.;03/23/2023 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT with author's amendments.;03/23/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LABOR AND EMPLOYMENT.
AB 1041 Ramos	Wildlife: White Sage: Taking and Possession		Relates to existing law under which it is unlawful to uproot, remove, harvest, or cut dudleya from land owned by the state or a local government or from property not their own without written permission from the landowner in their immediate possession, except as provided. Extends the same prohibitions to white sage and would subject a violation of those prohibitions to the same criminal penalties established for dudleya.	02/23/2023 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.

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AB 1049 Flora	Protected Species: Incidental Take: Determinations		Makes a nonsubstantive change to the provision concerning the taking of an endangered species or threatened species listed pursuant to the federal Endangered Species Act.	02/15/2023 - INTRODUCED.
AB 1072 Wicks	Water Conservation and Efficiency: Low-Income	Oppose_Amend	Declares that it is the policy of the State that all residents have access to water conservation and efficiency programs. Requires, on and after specified date, urban wholesale water suppliers and urban water suppliers to offer technical assistance and financial incentives to low-income residential customers to install efficient water conservation devices and climate resilient landscaping.	05/18/2023 - In ASSEMBLY. Joint Rule 62(a) suspended.;05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS. Held in committee and made a Two-year bill.
AB 1075 Gallagher	State of Emergency: Governor's Powers and Termination		Authorizes the Governor to exercise within the area designated all executive power vested in the state by the Constitution and laws of the state to effectuate the purposes of the California Emergency Services Act. Requires that a state of emergency automatically terminates 60 days after the Governor's proclamation unless the Legislature extends it by a concurrent resolution.	03/02/2023 - To ASSEMBLY Committee on EMERGENCY MANAGEMENT.
AB 1100 Low	Employment: Workweek		Establishes the 32-hour Workweek Pilot Program under the administration of the Department of Industrial Relations to provide grants to employers with a specified number or more employees for the purposes of administering pilot programs that provide each employee the option to work a 32-hour workweek. Authorizes an employer to apply for a grant from the department by submitting a specified application that includes, among other things, a 12-month plan for the implementation of a 32-hour workweek.	04/03/2023 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT with author's amendments.;04/03/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LABOR AND EMPLOYMENT.
AB 1101 Flora	Building Standards: Exterior Elevated Elements		Requires the board of an association of a condominium project to cause a visual inspection to be conducted of the exterior elevated elements for which the association has maintenance or repair responsibility. Provides that existing law requires the inspection to be conducted by a licensed structural engineer or architect. Authorizes a Branch 3 registered company registered with the Structural Pest Control Board with a minimum of a specified number of years of experience to conduct the inspection.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1108 Calderon	County Emergency Plans		Requires each county to review and update its emergency plan at least every 2 years.	03/02/2023 - To ASSEMBLY Committee on EMERGENCY MANAGEMENT.

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AB 1114 Haney	Planning and Zoning: Housing Development Projects		Modifies the definition of postentitlement phase permit to include all building permits and other permits issued under the California Building Standards Code or any applicable local building code for the construction, demolition, or alteration of buildings, whether discretionary or nondiscretionary. Requires a local agency to return an approved permit application on each postentitlement phase permit requested for a housing development project, if the local agency makes a certain determination.	07/10/2023 - From SENATE Committee on HOUSING: Do pass to Committee on APPROPRIATIONS.
AB 1115 Papan	Barry Keene Underground Storage Tank Cleanup Trust Fund		Provides that existing law authorizes the State Water Resources Control Board to pay claims from the Underground Storage Tank Cleanup Fund to aid owners and operators of petroleum underground storage tanks who take corrective action to clean up unauthorized releases from those tanks. Authorizes a claimant, who no longer has a copies of the required permits, to demonstrate compliance by certifying that the required permits had been obtained and by providing other relevant documents.	07/05/2023 - From SENATE Committee on ENVIRONMENTAL QUALITY: Do pass to Committee on APPROPRIATIONS.
AB 1121 Haney	Public Works: Ineligibility List		Requires awarding authorities to submit to the Department of Industrial Relations electronic project registration database a list of ineligible contractors, as specified, pursuant to local debarment or suspension processes.	07/03/2023 - In SENATE Committee on APPROPRIATIONS: To Suspense File.
AB 1132 Friedman	Solar Energy Systems: Permit Fees		Extends a repeal date to January 1, 2034, on the operation of the requirements imposed on a city or county in connection with those solar energy systems.	06/27/2023 - In SENATE. Read second time. To third reading.
AB 1152 Patterson J	Public Agencies: Causes of Action		Relates to the Planning and Zoning law, which generally requires that an action or proceeding challenging specified decisions of a public agency be commenced, and service made on the legislative body of the agency, within 90 days after the legislative body's decision. Stays any timing requirements associated with conditions of approval identified in a local zoning and planning decision during a lawsuit challenging a city, county, or city and county's zoning and planning decision.	04/10/2023 - In ASSEMBLY. Suspend Assembly Rule 96.;04/10/2023 - Re-referred to ASSEMBLY Committees on LOCAL GOVERNMENT and NATURAL RESOURCES.
AB 1155 Flora	Wildfire Mitigation Plans: Vegetation Management		Relates to law that requires electrical corporations, local publicly owned electric utilities, and electrical cooperatives to prepare and update wildfire mitigation plans. Requires the standards for vegetation inspection in the plans for vegetation management to meet specific requirements related to visually assessing and inspecting trees.	03/16/2023 - To ASSEMBLY Committee on UTILITIES AND ENERGY.;03/16/2023 - From ASSEMBLY Committee on UTILITIES AND ENERGY with author's

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				amendments.;03/16/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY.
AB 1159 Aguiar-Curry	State Global Warming Solutions Act of 2006		Requires the Natural Resources Agency, in collaboration with specified entities, including the state board, to determine on or before specified date, an ambitious range of targets for natural carbon sequestration, and for nature-based climate solutions, that reduce greenhouse gas emissions to support state goals. Ensures that all greenhouse gas emissions reductions and removals used for any market-based compliance mechanism are in addition to any reductions and removals that would otherwise occur.	07/10/2023 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on APPROPRIATIONS.
AB 1170 Valencia	Political Reform Act of 1974: Filing Requirements		Relates to the Political Reform Act, which requires elected officials, candidates for elective offices, and committees formed primarily to support or oppose a candidate for public office or a ballot measure to file periodic campaign statements and certain reports concerning campaign finances and related matters. Permits a filing officer to retain a report or statement filed in a paper format as a copy on microfilm or other space-saving materials or as an electronic copy without a two-year waiting period.	03/23/2023 - To ASSEMBLY Committee on ELECTIONS.;03/23/2023 - From ASSEMBLY Committee on ELECTIONS with author's amendments.;03/23/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
AB 1176 Zbur	General Plans: Local Electrification Planning Act		Provides for the Local Electrification Planning Act, which would require a city, county, or city and county to prepare and adopt a specified plan, or otherwise integrate a plan into the general plan that, among other things, identifies opportunities to expand electric vehicle charging to meet the needs of the city's, county's, or city and county's current and future visitors, residents, and businesses, and includes policies and implementation measures that address the needs of disadvantaged communities.	06/28/2023 - In SENATE Committee on GOVERNANCE AND FINANCE: Not heard.
AB 1183 Holden	Streamlined Housing Projects: Construction Permits		Relates to the Planning and Zoning Law, which authorizes a development proponent to submit an application for a multifamily housing development that is subject to a streamlined, ministerial approval process and not subject to a conditional use permit, under certain conditions. Provides that if a city or county approves a construction project through the expedited permitting, a sign of reasonable size and design shall be placed on the parcel in which the project is located that includes certain information.	03/14/2023 - From ASSEMBLY Committee on LOCAL GOVERNMENT with author's amendments.;03/14/2023 - In ASSEMBLY. Read second time and amended. Re-referred to

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				Committee on LOCAL GOVERNMENT.
AB 1189 Gipson	Pupil Instruction: Career Technical Education		Requires each school district maintaining any of grades 7 to 12, inclusive, to offer career technical education to all pupils in those grades.	03/23/2023 - To ASSEMBLY Committee on EDUCATION.;03/23/2023 - From ASSEMBLY Committee on EDUCATION with author's amendments.;03/23/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on EDUCATION.
AB 1195 Calderon	Climate Change Preparedness and Resiliency		Establishes the Climate Change Preparedness, Resiliency, and Jobs for Communities Program, to be administered by the Strategic Growth Council, and requires the council to fund grants to develop and implement multibenefit, community-level, climate-beneficial projects to support community and landscape resiliency and workforce development.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1196 Villapudua	Water Quality and Infrastructure Improvement		Makes a nonsubstantive change to a provision of the Water Quality, Supply, and Infrastructure Improvement Act of 2014.	02/16/2023 - INTRODUCED.
AB 1204 Holden	Contractors: Contracts: Restrictions		Relates to the Contractors' State License Law. Prohibits a specialty contractor from entering into a contract for the performance of work on the same single project or undertaking with more than one subcontractor in the same license classification unless the subcontractor employs persons who are classified as employees to perform work in that license classification on the single project or undertaking or the specialty contractor is a signatory to a bona fide collective bargaining agreement.	07/12/2023 - From SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Do pass to Committee on APPROPRIATIONS.
AB 1205 Bauer-Kahan	Water Rights: Sale, Transfer, or Lease: Agricultural		Requires the State Water Resources Control Board to, on or before specified date, conduct a study and report to the Legislature and appropriate policy committees on the existence of speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater right previously put to beneficial use on agricultural lands.	07/13/2023 - In SENATE. Read second time and amended. To third reading.
AB 1211 Mathis	Safe Drinking Water State Revolving Fund		Relates to existing law which requires the State Water Resources Control Board, at least once every 2 years, to post information on its internet website regarding implementation of the Safe Drinking Water State Revolving Fund Law and	05/10/2023 - To SENATE Committee on

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			expenditures from the Safe Drinking Water State Revolving Fund. Requires the board to post the information at least annually.	ENVIRONMENTAL QUALITY.
AB 1213 Ortega	Workers' Compensation: Aggregate Disability Payments		Provides that this bill, until specified date, would require that if a denial of treatment requested by a treating physician is subsequently overturned by independent medical review or by the Workers' Compensation Appeals Board, any temporary disability paid or owing from the date of the denial until the treatment is authorized would not be included in the calculation of the aggregate disability payments.	07/03/2023 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
AB 1216 Muratsuchi	Wastewater Treatment Plants		Requires, on or before specified date, the owner or operator of a wastewater treatment facility that is located within a specified number of feet of a residential area and has an original design capacity of a specified number of gallons or more per day to develop, install, operate, and maintain a wastewater treatment-related fence-line monitoring system in accordance with guidance developed by the appropriate air quality management district.	06/21/2023 - From SENATE Committee on ENVIRONMENTAL QUALITY: Do pass to Committee on APPROPRIATIONS.
AB 1218 Lowenthal	Development Projects: Demolition		Relates to the Housing Crisis Act of 2019. Expands the demolition of residential dwelling units prohibitions to prohibit an affected city or affected county from approving any development project that will require the demolition of occupied or vacant protected units, or that is located on a site where protected units were demolished in the previous specified number of years, unless specified conditions are met.	07/10/2023 - From SENATE Committee on HOUSING: Do pass to Committee on APPROPRIATIONS.
AB 1235 Ortega	Property Taxation: New Construction		Makes a nonsubstantive change to provisions of property tax law pertaining to new construction.	02/16/2023 - INTRODUCED.
AB 1236 Grayson	Fire Protection: Residential Fire Sprinklers		States the intent of the Legislature to enact subsequent legislation that would identify a consistent and safe minimum size of residential fire sprinklers that would reduce costs for homeowners and property owners.	02/16/2023 - INTRODUCED.
AB 1243 Essayli	Property Taxation: Exemptions		Relates to the California Constitution which exempts from taxation, among other types of property, growing crops, property used for free public libraries and free museums, property used exclusively for public schools, community colleges, state colleges, and state universities, and property belonging to the state or a local government. Makes nonsubstantive changes to the statutory provisions implementing those exemptions.	02/16/2023 - INTRODUCED.

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AB 1244 Holden	Private Security Services and Private Investigators		Requires the holder of a qualified manager certificate who wishes to be associated with more than one private investigator license other than their own to apply to the Bureau of Security and Investigative Services for a qualified manager license. Requires any person acting as a qualified manager of an additional private investigator license to hold a qualified manager license issued by the bureau. Requires the bureau to issue a license to an applicant upon satisfaction of certain requirements.	06/20/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1246 Nguyen	Public Employees' Retirement System Optional Settlement		Provides that existing law permits a member of the Public Employees' Retirement System to elect from among several other optional settlements for the purpose of structuring their retirement allowance. Permits a member who elected to receive a specified optional settlement at retirement, if the member's former spouse was named as beneficiary and a legal judgment awards only a portion of the interest in the retirement system to the member, to elect to add their new spouse as the beneficiary.	07/03/2023 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
AB 1248 Bryan	Local Redistricting: Independent Commissions		Requires a county, general law city, charter city, or charter city or county with over a specified number of residents, and a school district or community college district with over a specified number of residents, that does not enact an ordinance, resolution, or charter amendment establishing an independent redistricting commission by specified date of certain years, to establish an independent redistricting commission according to specified procedures.	07/12/2023 - From SENATE Committee on GOVERNANCE AND FINANCE: Do pass to Committee on APPROPRIATIONS.
AB 1267 Ting	Zero-Emission Vehicle Incentive Programs		Requires the State Air Resources Board, upon appropriation by the Legislature, to ensure that beginning on specified date, an additional incentive, to be known as a superuser incentive, is awarded under a zero-emission vehicle incentive program that is administered or funded by the State Board to a gasoline superuser who otherwise qualifies for an incentive under the zero-emission vehicle incentive program.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1269 Schiavo	Fire Insurance		States the intent of the Legislature to enact legislation to require fire insurance companies to send notifications to their insureds about how they can qualify for discounts on their fire insurance.	02/16/2023 - INTRODUCED.
AB 1272 Wood	State Water Resources Control Board: Drought Planning		Requires the State Water Resources Control Board, in consultation with the Department of Fish and Wildlife, to adopt principles and guidelines for diversion and use of water in coastal watersheds during times of water shortage for drought	07/10/2023 - In SENATE Committee on

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			preparedness and climate resiliency. Authorizes the state board to issue a cease and desist order when a diversion or use violates or threatens to violate an applicable principle or guideline adopted by the state board for the diversion and use of water.	APPROPRIATIONS: To Suspend File.
AB 1278 Rodriguez	Workers Compensation: Medical Provider Networks		Allows an injured employee to authorize their primary treating physician to request an electronic copy of any notification that an injury is subject to a medical provider network or that an employee is required to transfer treatment to an MPN.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1284 Ramos	Tribal Ancestral Lands and Waters: Cogovernance		Provides that the Legislature encourages the Natural Resources Agency, and its departments, conservancies, and commissions, to enter into cogovernance and comangement agreements with federally recognized tribes.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS. Held in committee and made a Two-year bill.
AB 1290 Rivas	Product Safety: Plastic Packaging: Substances	Support	Prohibits, beginning on specified date, a person from manufacturing, selling, offering for sale, or distributing in the State opaque or pigmented polyethylene terephthalate bottles and plastic packaging that contains certain chemicals, pigments, or additives. Excludes from that prohibition packaging used for certain medical, drug, and federally regulated products. Authorizes the imposition of a civil penalty for a violation of that prohibition.	05/31/2023 - In ASSEMBLY. To Inactive File.
AB 1297 Quirk-Silva	Public Restrooms		Requires each local government to complete an inventory of public restrooms owned and maintained by the local government that are available to the general population in its jurisdiction. Requires governments to report their findings to the State Department of Public Health, which would be required to compile the information and to report the availability of public restrooms to the Legislature. Requires the Legislature to consider the report when evaluating the public's access to reliable public restrooms.	07/10/2023 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
AB 1306 Carrillo	State Government: Immigration Enforcement		Repeals requirement that the Department of Corrections and Rehabilitation cooperate with the U.S. Department of Homeland Security by providing the use of prison facilities, transportation, and general support, as needed, for the purposes of conducting and expediting deportation hearings and subsequent placement of deportation holds on undocumented immigrants who are incarcerated in State prison.	06/27/2023 - From SENATE Committee on PUBLIC SAFETY: Do pass to Committee on APPROPRIATIONS.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1307 Wicks	California Environmental Quality Act: Noise Impact		Specifies that the effects of noise generated by project occupants and their guests on human beings is not a significant effect on the environment for residential projects for purposes of the California Environmental Quality Act. Specifies that institutions of public higher education, in an environmental impact report for a residential or mixed-use housing project, are not required to consider alternatives to the location of the proposed project if certain requirements are met.	07/10/2023 - From SENATE Committee on HOUSING: Do pass to Committee on APPROPRIATIONS.
AB 1317 Carrillo	Unbundled Parking		Requires the owner of qualifying residential property that provides parking with the qualifying residential property to unbundle parking from the price of rent. Prohibits the breach of a separately leased parking agreement from forming the basis of any unlawful detainer action against the tenant. Authorizes a property owner, if a tenant fails to pay by the specified day following the date payment is owed for a separately leased parking space, to revoke that tenant's right to lease that parking spot.	07/10/2023 - In SENATE. Read second time. To third reading.
AB 1318 Rivas	California Environmental Quality Act: Exemption		Expands the CEQA exemption by increasing the size of a residential project that would qualify for the exemption to include a project of not more than 5 acres in total area.	05/31/2023 - To SENATE Committees on ENVIRONMENTAL QUALITY and HOUSING.
AB 1322 Friedman	Pesticides: Second-Generation Anticoagulant		Provides that existing law requires the Director of Pesticide Regulation, and each county agricultural commissioner under the direction and supervision of the director, to enforce the provisions regulating the use of pesticides. Prohibits the use of diphacinone in a wildlife habitat area. Authorizes these restrictions to include a requirement to implement alternatives, such as integrated pest management, before the use of second-generation anticoagulant rodenticides.	07/12/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1332 Carrillo J	Accessory Dwelling Units: Preapproved Plans		Requires a local agency to either approve or deny an application for a permit for a proposed accessory dwelling unit within a specified number of days that utilizes either an accessory dwelling unit plan preapproved within the current triennial California Building Standards Code rulemaking cycle or a plan that is identical to a plan used in an application for a detached accessory dwelling unit approved by the local agency within the current triennial California Building Standards Code rulemaking cycle.	07/10/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1337 Wicks	State Water Resources Control Board: Water Diversion	Watch	Expands the instances when the diversion or use of water is considered a trespass. Authorizes the State Water Resources Control Board to issue a curtailment order for any diversion, regardless of basis of right, when water is not available under	07/10/2023 - In SENATE Committee on NATURAL

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			the diverter's priority of right. Requires the board to adopt regulations to implement this provision.	RESOURCES AND WATER: Not heard.
AB 1348 Grayson	State Government: Controller: Claims Audits		Relates to the Government Claims Act, which requires the presentation of all claims for money or damages against local public entities and the State. Authorizes the Controller to conduct financial and compliance audits as the Controller's office deems as necessary for purposes of ensuring that any expenditures are expended in a manner consistent with the law and the voters' intent. Requires the Controller to provide a report with specified information from these audits to the Legislature.	07/11/2023 - From SENATE Committee on GOVERNMENTAL ORGANIZATION: Do pass to Committee on APPROPRIATIONS.
AB 1349 Irwin	Electric Vehicle Charging Station Networks: Data Fields		Requires owners, operators, and infrastructure developers of electric vehicle charging stations, except for charging stations located at residential dwellings, for which those parties are awarded a State grant to support the electric vehicle charging stations to ensure that specified data fields for the owner's or operator's entire network of electric vehicle charging stations in the State are made available, free of charge, to third-party software developers through an application programming interface.	07/03/2023 - In SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS: Not heard.
AB 1355 Valencia	Employment: Benefits: Electronic Notice and Documents		Provides that the Earned Income Tax Credit Information Act requires an employer to notify all employees that they may be eligible for the federal and California earned income tax credit by handing specified documents directly to the employee or mailing the specified documents to the employee's last known address. Authorizes the employer to provide the notification via email to an employee's email account, if the employee affirmatively, and in writing or by electronic acknowledgment, opts in.	06/29/2023 - In SENATE. From Consent Calendar. To third reading.
AB 1356 Haney	Relocations, Terminations, and Mass Layoffs		Prohibits an employer from ordering a mass layoff, relocation, or termination at a covered establishment unless the employer gives prescribed written notice. Modifies the requirement for notice to the local workforce investment board and the chief elected official of each city and county government within which the termination, relocation, or mass layoff occurs to apply only to a termination, relocation, or mass layoff that impacts a specified number or more employees at a single location.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1364 Carrillo J	Fish and Wildlife Protection and Conservation		Makes nonsubstantive changes pertaining to lake or streambed alterations.	02/17/2023 - INTRODUCED.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1365 Ortega	Workforce Development: Grocery Industry		Requires the Labor and Workforce Development Agency to develop a labor-management training partnership to identify workforce training methods appropriate for the grocery industry.	03/09/2023 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.;03/09/2023 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT with author's amendments.;03/09/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LABOR AND EMPLOYMENT.
AB 1374 Alvarez	Greenhouse Gas Reduction Fund: Investment Plan		Relates to existing law which requires the investment plan to allocate a minimum of 25% of the available moneys in the Greenhouse Gas Reduction Fund to projects located within, and benefiting individuals living in, disadvantaged communities and an additional minimum of 5% to projects that benefit low-income households or to projects located within, and benefiting individuals living in, low-income communities located anywhere in the state. Increases those amounts from 25% to 50% and from 5% to 15%.	03/02/2023 - To ASSEMBLY Committee on NATURAL RESOURCES.
AB 1379 Papan	Open Meetings: Local Agencies: Teleconferences		Relates to teleconferencing. Requires a legislative body electing to use teleconferencing to post agendas at a singular designated physical meeting location, as defined, rather than at all teleconference locations.	03/23/2023 - To ASSEMBLY Committee on LOCAL GOVERNMENT.;03/23/2023 - From ASSEMBLY Committee on LOCAL GOVERNMENT with author's amendments.;03/23/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
AB 1401 Garcia E	Low Carbon Fuel Standard Regulations		Requires the State Air Resources Board, in administering the Low Carbon Fuel Standard, to deem a Tier 2 pathway application certified under specified circumstances. Requires the State Board to authorize the sale, offer for sale, or supply of alternative diesel fuel for use in the State that contains up to a specified percent biodiesel by volume.	03/13/2023 - From ASSEMBLY Committee on TRANSPORTATION with author's amendments.;03/13/2023 - In ASSEMBLY. Read second time and amended. Re-referred to

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
				Committee on TRANSPORTATION.
AB 1414 Kalra	Civil Actions: Consumer Debt		Relates to consumer debt. Requires a creditor in an action alleging a book account to have in the creditor's possession records of all debits and credits forming each and every transaction used to determine the amount alleged to be due if the obligation, incurred on or after specified date, is not initially payable on the face of a note or contract. Excludes consumer debt from the definition of book account.	07/10/2023 - In SENATE. Read second time and amended. To third reading.
AB 1423 Schiavo	Product Safety: PFAS: Artificial Turf		Provides that the Department of Toxic Substances Control's Safer Consumer Products Program implements the Green Chemistry Program pursuant to the Safer Consumer Products regulations. Provides that if the department adopts regulations pursuant to these provisions that conflict with prohibitions concerning regulated PFAS, enforcement mechanisms, or requirements to replace regulated PFAS with the least toxic alternative, then those regulations adopted by the department shall prevail.	07/12/2023 - From SENATE Committee on GOVERNANCE AND FINANCE: Do pass to Committee on APPROPRIATIONS.
AB 1425 Chen	Health Care: Employers		Makes technical, nonsubstantive changes to existing law which requires employers to provide specified information to health care providers or health insurers regarding employees who were terminated on or after a certain date, and who were enrolled in an employer-offered health care service plan or health insurance policy on or after a certain date, as specified.	02/17/2023 - INTRODUCED.
AB 1431 Zbur	Housing: The California Housing Security Act		Establishes the California Housing Security Program to provide a housing subsidy to eligible persons to reduce housing insecurity and help Californians meet their basic housing needs.	03/23/2023 - To ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT.;03/23/2023 - From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT with author's amendments.;03/23/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee
AB 1453 Dixon	Coastal Resources: State Coastal Conservancy: Grants		Requires the State Coastal Conservancy, on or before a specified date, upon appropriation by the Legislature, to establish a 5-year program to provide grants for specified activities, including funding regular cleanups of beaches and the	03/09/2023 - To ASSEMBLY Committee on NATURAL RESOURCES.

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			waterways that empty into them. Requires the conservancy, on or before a specified date, to develop a report reviewing the efficacy of this program and submit the report to the Legislature as well as make it available on the conservancy's internet website.	
AB 1460 Bennett	Local Government		Makes a nonsubstantive change to the provision naming the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000.	02/17/2023 - INTRODUCED.
AB 1463 Lowenthal	Automated License Plate Recognition Systems: Retention		Provides that existing law authorizes the Department of the California Highway Patrol to retain license plate data captured by license plate reader technology, also referred to as an automated license plate recognition (ALPR) system, for not more than 60 days unless the data is being used as evidence or for the investigation of felonies. Prohibits ALPR operators and end-users from accessing ALPR information that is older than a specified number of days, with specified exceptions.	07/11/2023 - In SENATE Committee on JUDICIARY: Failed passage.;07/11/2023 - In SENATE Committee on JUDICIARY: Reconsideration granted.
AB 1465 Wicks	Nonvehicular Air Pollution: Civil Penalties		Provides that existing law establishes maximum civil penalties for a person who violates air pollution laws from nonvehicular sources. Requires, in assessing penalties, that health impacts, community disruptions, and other circumstances related to the violation be considered. Requires that civil penalties for a violation be assessed and recovered in a civil action brought by the Attorney General, by any district attorney, or by the attorney for any district in which the violation occurs.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1476 Alvarez	Community Redevelopment Law of 2023		Requires the Director of Finance to adjust the percentage of General Fund revenues appropriated for school districts and community college districts for certain purposes in a manner that ensures that the division of taxes authorized by the Community Redevelopment Law of 2023 have no net fiscal impact upon the total amount of the General Fund revenue and local property tax revenue allocated to school districts and community college districts.	04/26/2023 - From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Do pass to Committee on APPROPRIATIONS.
AB 1484 Zbur	Temporary Public Employees		Relates to the Meyers-Milias-Brown Act. Requires a public employer to, upon hire, provide each temporary employee with their job description, wage rates, and eligibility for benefits, anticipated length of employment, and procedures to apply for open, permanent positions. Requires complaints alleging a violation of its provisions to be processed as unfair practice charges under the act.	07/12/2023 - From SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Do pass to Committee on APPROPRIATIONS.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1488 Wallis	Environmental Quality Act: Environmental Leadership		Extends the application of the Jobs and Economic Improvement Through Environmental Leadership Act to water storage projects, water conveyance projects, and groundwater recharge projects that provide public benefits and drought preparedness.	03/23/2023 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/23/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
AB 1490 Lee	Affordable Housing Development Projects: Adaptive Reuse		Relates to law requiring the Department of Housing and Community Development to give priority with respect to funding under the Multifamily Housing Program to projects that prioritize adaptive reuse in existing developed areas served with public infrastructure. Authorizes an agency to deny the project if it is proposed to be located on a site or adjoined to any site where any of the square footage on the site is dedicated to industrial use and if approving it would have an adverse effect on public health.	07/10/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1491 Grayson	Environmental Quality Act: Master Impact Report		Makes nonsubstantive changes to the provision of law which requires a lead agency to prepare, or cause to be prepared, and certify the completion of an environmental impact report on a project that it proposes to carry out or approve that may have a significant effect on the environment or to adopt a negative declaration if it finds that the project will not have that effect.	02/17/2023 - INTRODUCED.
AB 1493 Carrillo	Civil Service: Career Development Apprenticeship		Requires the Department of Human Resources to administer and oversee the Career Development Apprenticeship Program, which would provide an alternative to the traditional civil service examination and appointment process. Requires the department to implement the program, including establishing eligibility criteria for participation, special job classifications or position tenure and status designations, alternative examination and appointment types, and appeal procedures.	04/26/2023 - In ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT: Not heard.
AB 1500 Irwin	Property Taxation: Application of Base Year Value		Authorizes the owner of property substantially damaged or destroyed by a disaster to apply the base year value of that property to replacement property reconstructed on the same site of the damaged or destroyed property within a specified number of years after the disaster if the reconstructed property is comparable to the substantially damaged or destroyed property. Extends the time period if the property was substantially damaged or destroyed by the 2018 Woolsey Fire or by the 2018 Camp Fire.	07/10/2023 - In SENATE Committee on APPROPRIATIONS: To Suspense File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1504 McCarty	Planning and Zoning: Electric Vehicle Charging		Requires local agencies to complete a plan for the installation of electric vehicle charging stations in the public right-of-way that includes, but is not limited to, a permitting process. Provides that in developing the plan and permitting process, the bill would require local agencies to take specified actions.	05/18/2023 - In ASSEMBLY. Joint Rule 62(a) suspended.;05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1516 Kalra	Labor and Workforce Development Agency: Working Group		Requires the Labor and Workforce Development Agency to convene a working group to study and evaluate topics related to the minimum wage in the State.	05/31/2023 - In ASSEMBLY. To Inactive File.
AB 1519 Bains	Vehicles: Catalytic Converters		Relates to law prohibits a motor vehicle dealer or retail seller from selling any motor vehicle that is not in compliance with the requirements enumerated in the Vehicle Code. Prohibits any person, except as exempted, from removing, altering, or obfuscating the vehicle identification number that has been added to a catalytic converter, or from knowingly possessing a specified number or more catalytic converters that have been so altered. Provides that a violation would be punishable as a misdemeanor.	07/11/2023 - From SENATE Committee on PUBLIC SAFETY: Do pass to Committee on APPROPRIATIONS.
AB 1528 Gipson	Housing Authorities: Property Taxation		Specifies that property held by a nonprofit public benefit corporation that is controlled by a housing authority is exempt from taxation. Requires any outstanding ad valorem tax, interest, or penalty that was levied on the property of a housing authority to be canceled, and any tax, interest, or penalty levied that was paid prior to specified date to be refunded.	07/11/2023 - Re-referred to SENATE Committee on APPROPRIATIONS.
AB 1530 Ortega	Public Employment: Communication with Representatives		Requires public employers to ensure recognized exclusive representatives have safe or trusted email sender access. Prohibits public employers from using technology to interfere with or prevent email communications between public employees and their recognized representatives.	04/12/2023 - In ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT: Not heard.
AB 1534 Irwin	Methane Emissions: Municipal Solid Waste Landfills		Requires the State Air Resources Board, no later than a specified date, to evaluate and, if feasible and to the extent data is available, revise regulations to incorporate the use of methane remote sensing data.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1535 Mathis	The Energy, Environment, and Economy Council		Creates the Energy, Environment, and Economy Council with 16 members, as specified. Requires the council to engage with stakeholders, subject matter experts, and state and local agencies with jurisdiction relevant to environmental protection and economic vitality in order to determine the policies that can be	03/09/2023 - To ASSEMBLY Committees on NATURAL RESOURCES and UTILITIES AND ENERGY.

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			implemented to meet the state's environmental goals, while avoiding harm to the state's economy and maintaining specified protections.	
AB 1538 Muratsuchi	Clean Energy Reliability Program		Establishes the Clean Energy Reliability Program, to be administered by the Public Utilities Commission, upon appropriation, to provide incentive payments to qualifying load-serving entities that exceed procurement targets for eligible resources established by the commission. Requires an entity to remit incentive payments to its customers as a bill credit or use the payment in a manner determined by the commission to reduce ratepayer costs arising from the additional procurement of eligible resources.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1545 Santiago	Satellite Wagering Facilities: Employees		Relates to law that requires a satellite wagering facility or an organization formed to operate an audiovisual signal system for racing programs, or any of their subcontractors or entities under contract to perform functions in respect to these activities, to enter into a written contractual agreement with a bona fide labor organization for specified employees. Provides that this requirement does not apply to State employees or State supervisory, managerial, or confidential employees.	03/09/2023 - To ASSEMBLY Committee on GOVERNMENTAL ORGANIZATION.;03/09/2023 - From ASSEMBLY Committee on GOVERNMENTAL ORGANIZATION with author's amendments.;03/09/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on GOVERNMENTAL
AB 1546 Gabriel	CA Consumer Privacy Act of 2018: Statute of Limitations		Requires an action by the Attorney General to enforce the California Consumer Privacy Act to be commenced within a specified number of years after the cause of action accrued.	06/20/2023 - From SENATE Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
AB 1550 Bennett	Green Hydrogen		Prohibits green hydrogen used by a generating facility from qualifying as an eligible renewable energy resource for purposes of that requirement, with exceptions. Relates to all hydrogen produced and used in California for the generation of electricity or fueling of vehicles shall be green hydrogen in furtherance of the state's policy to achieve net zero greenhouse gas emissions as soon as possible.	06/01/2023 - In ASSEMBLY. To Inactive File.
AB 1554 Patterson J	California Environmental Quality Act: Exemption		Exempts expressly from the California Environmental Quality Act (CEQA) a project reduction of fuels in areas within moderate, high, and very high fire hazard severity zones, as provided.	04/24/2023 - In ASSEMBLY Committee on NATURAL RESOURCES: Not heard.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1563 Bennett	Groundwater Sustainability Agency: Extraction Permits		Provides that the Sustainable Groundwater Management Act requires all groundwater basins designated as high or medium-priority basins by the Department of Water Resources to be managed under a groundwater sustainability plan or coordinated plans, with specified exceptions. Requires a county to forward permit requests for the construction of new groundwater wells, the enlarging of existing wells, and the reactivation of abandoned wells to the groundwater sustainability agency before permit approval.	07/12/2023 - In SENATE Committee on GOVERNANCE AND FINANCE: Not heard.
AB 1567 Garcia E	Safe Drinking Water, Wildfire Prevention, Drought Prep	Support	Enacts the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy, and Workforce Development Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in a specified amount to finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, clean energy, and workforce development programs.	06/14/2023 - To SENATE Committees on NATURAL RESOURCES AND WATER and GOVERNANCE AND FINANCE.
AB 1572 Friedman	Potable Water: Nonfunctional Turf	Watch	Prohibits the use of potable water for the irrigation of nonfunctional turf located on commercial, industrial, and institutional properties other than a cemetery and on properties of homeowners' associations, common interest developments, and community service organizations or similar entities. Requires the State Water Resources Control Board to establish, no later than specified date, specified compliance and certification requirements.	07/10/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1573 Friedman	Water Conservation: Landscape Design: Model Ordinance	Seek_Amend	Relates to the Water Conservation in Landscaping Act, which provides for a model water efficient landscape ordinance. Requires the Department of Water Resources to convene a working group composed of a broad range of stakeholders with expertise in native plants to develop a strategic plan with measurable milestones to reach a requirement by specified date, that all new and renovated nonresidential areas install in the project footprint not less than a specified percent of native plants.	07/10/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1580 Carrillo J	Air Pollution: Electric Vehicle Infrastructure		Requires the State Energy Resources Conservation and Development Commission and the Department of Transportation, on or before specified date, to jointly develop a California National Electric Vehicle Infrastructure Program Roadmap that is consistent with federal requirements and guidance provided by the federal National Electric Vehicle Infrastructure Formula Program and that only includes projects receiving funding under that federal program.	05/18/2023 - In ASSEMBLY. Joint Rule 62(a) suspended.;05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1581 Kalra	Diversion or Obstruction of Rivers, Streams, or Lakes		Exempts certain individuals, agencies, universities, zoological gardens, and institutions authorized to import, export, take, or possess any endangered, threatened, or candidate species for scientific, educational, or management purposes from the required agreement with the Department of Fish and Wildlife. Requires entities to submit to the department a written notification, fee, and a copy of proposed environmental protection measures authorized by other agencies' habitat restoration permits.	06/14/2023 - To SENATE Committee on NATURAL RESOURCES AND WATER.
AB 1594 Garcia E	Medium and Heavy-Duty Zero-Emission Vehicles: Public	Support	Requires any State regulation that seeks to require, or otherwise compel, the procurement of medium and heavy-duty zero-emission vehicles to authorize public agency utilities to purchase replacements for traditional utility-specialized vehicles that are at the end of life when needed to maintain reliable service and respond to major foreseeable events, including severe weather, wildfires, natural disasters, and physical attacks.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1595 Bryan	Elections: Eligibility to Vote		Removes statutory references to the disqualification of electors while serving a State or federal prison term for the conviction of a felony. Allows an elector currently serving in a State or federal prison to vote based on their last voluntary residence in the State. Requires an elections official to provide the incarcerated elector with the voting materials required to be sent to a vote by mail voter to the location where the elector is incarcerated.	06/01/2023 - In ASSEMBLY. To Inactive File.
AB 1596 Alvarez	Watershed Clean Beaches and Water Quality Act		Requires, in regard to the Watershed, Clean Beaches, and Water Quality Act, the State Water Resources Control Board, to the extent feasible, to identify and implement projects to improve beach access and address ocean water quality on public beaches that experience significant restrictions of use, as defined, due to bacteria levels that exceed public health standards, whether the source is from urban runoff or transboundary flows.	03/09/2023 - To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
AB 1597 Alvarez	Water Quality: California-Mexico Cross-Border Rivers		Authorizes funds to be made available to the North American Development Bank for loans, grants, and direct expenditures to address water quality problems arising in the California-Mexico cross-border rivers. Authorizes grant funding to be conditioned on enforceability and accountability mechanisms agreed upon by the North American Development Bank and the recipient, with the concurrence of the State Water Resources Control Board.	06/22/2023 - From SENATE Committee on ENVIRONMENTAL QUALITY with author's amendments.;06/22/2023 - In SENATE. Read second time and amended. Re-referred to

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
				Committee on ENVIRONMENTAL QUALITY.
AB 1609 Garcia E	Air Pollution: Motor Vehicle Registration: Pollution		Imposes an additional annual charge on each motor vehicle registered in the State except those vehicles that are expressly exempted from the payment of registration fees, thereby imposing a tax. Authorizes the Department of Motor Vehicles to withhold up to a specified percent of the annual revenues collected from the charge to cover its administrative costs. Authorizes an air district to use not more than a specified percent of the revenues distributed to the air district for its administrative costs.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1611 Lowenthal	Fish and Game Code: Violations		Relates to law that generally makes any violation of the Fish and Game Code or any rule, regulation, or order made or adopted under the code a misdemeanor. Makes the violation of specified regulations and provisions of the code, primarily relating to commercial fishing, an infraction or a misdemeanor.	07/13/2023 - In SENATE. Read third time. Passed SENATE. To enrollment.
AB 1613 Bains	Sacramento-San Joaquin Delta: Salinity Intrusion		Enacts the Salinity Intrusion in the Delta Act. Requires, subject to an appropriation of funds by the Legislature, the Department of Water Resources, in consultation with the State Water Resources Control Board, the Department of Fish and Wildlife, the federal Bureau of Reclamation, and the United States Fish and Wildlife Service, to construct, operate, and maintain barriers at the identified strategic locations.	03/16/2023 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.;03/16/2023 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/16/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS
AB 1621 Calderon	Public Water System: Operation		Makes nonsubstantive changes to the provision that prohibits any person from operating a public water system unless that person first submits an application to the State Water Resources Control Board and receives a permit.	02/12/2023 - INTRODUCED.
AB 1623 Muratsuchi	Electricity: Resource Adequacy Requirements		Requires the Public Utilities Commission, or before specified date to submit to the Legislature a report assessing the regulatory barriers, if any, to the rapid deployment of energy storage resources in California.	05/18/2023 - In ASSEMBLY. Joint Rule 62(a) suspended.;05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1625 Hart	Public Contracts: Payment		Makes nonsubstantive changes to the provision that sets forth the requirements for competitive bidding on various types of contracts awarded by local agencies.	02/12/2023 - INTRODUCED.
AB 1627 Lee	State Safe Drinking Water Act		Provides that the California Safe Drinking Water Act defines a public water system as a system for the provision of water for human consumption through pipes or other constructed conveyances that has 15 or more service connections or regularly serves at least 25 individuals daily at least 60 days out of the year. Revises the definition of a public water system to apply to a system that regularly serves an average of at least 25 individuals daily at least 60 days out of the year.	06/27/2023 - In SENATE. Read second time. To third reading.
AB 1628 McKinnor	Microfiber Filtration		Requires that all new washing machines sold or offered for sale in the State for residential, commercial, or State use contain a microfiber filtration system with a mesh size not greater than a specified size, and bear a label with a specified consumer notice. Requires the washing machine manufacturer to provide a certificate of compliance with these provisions to persons that sell or distribute the washing machines in the State.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1631 Schiavo	Water Resources: Permit to Appropriate: Application		States that if the State Water Resources Control Board has not rendered a final determination on an application for a permit to appropriate water for a beneficial use or uses that include mining use within 30 years from the date the application was filed, it would require the board to issue a new notice and provide an opportunity for protests before rendering a final determination, with specified exceptions.	07/10/2023 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on APPROPRIATIONS.
AB 1635 Ward	Pupil Instruction: Internship Based Learning		States the intent of the Legislature to enact legislation to create paid internship based learning opportunities for eligible pupils attending high school.	02/12/2023 - INTRODUCED.
AB 1637 Irwin	Local Government: Internet Websites and Email Addresses		Provides that the California Public Records Act requires a local agency to make public records available for inspection and allows a local agency to comply by posting the record on its internet website and directing a member of the public to the internet website. Requires, no later than specified date, a local agency that maintains an internet website for use by the public to ensure that the internet website utilizes a .gov top-level domain or a .ca.gov second-level domain.	07/10/2023 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
AB 1638 Fong M	Local Government: Use of a Foreign Language		Requires, in the event of an emergency within the jurisdiction of a local public agency, that a local public agency provide information related to the emergency in English and in all languages spoken jointly and in common by a specified percent or more of the population that does not primarily speak English. Requires local	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

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			agencies to conduct an initial assessment by specified date to determine which languages are spoken jointly and in common by a specified percent or more of the resident population.	
AB 1639 Hoover	Water Systems: Manufactured Housing Communities		States the intent of the Legislature to enact future legislation to require water corporations to purchase, own, and operate water systems currently owned and operated by manufactured housing communities, upon request of the owner, in order to assume responsibility for direct delivery of water to residents of those communities.	02/12/2023 - INTRODUCED.
AB 1648 Bains	Water: Colorado River Conservation		Prohibits the Metropolitan Water District of Southern California and the Department of Water and Power of the City of Los Angeles from achieving a reduction in, or conservation of, Colorado River water consumption required by an agreement with specified entities through increased water deliveries or imports from other regions of California, including the San Joaquin Valley and the Sacramento-San Joaquin Delta.	03/16/2023 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.;03/16/2023 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/16/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS
AB 1660 Ta	Cosmetic Products: PFAS		Relates to law that prohibits a person or entity from manufacturing, selling, delivering, holding, or offering for sale in commerce any cosmetic product that contains intentionally added perfluoroalkyl and polyfluoroalkyl substances. Authorizes a person or entity to petition the State Air Resources Board to exempt intentionally added PFAS from that prohibition, and authorizes the Board to exempt intentionally added PFAS if the Board determines that the PFAS meet specified qualifications.	04/10/2023 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;04/10/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
AB 1661 Bonta M	Electrical and Gas Service: Accessory Dwelling Units		Relates to a requirement for every residential unit in an apartment house or similar multiunit residential structure, condominium, or mobilehome park to be individually metered for electrical and gas service. Exempts accessory dwelling units from this requirement if the owner of the property on which the accessory dwelling unit is located elects to have the accessory dwelling unit's electrical and	03/09/2023 - To ASSEMBLY Committee on UTILITIES AND ENERGY.

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			gas services metered through existing or upgraded utility meters located on that property.	
AB 1664 Friedman	Self-Generation Incentive Program: Block Grant		Requires the Public Utilities Commission, in administering the self-generation incentive program to increase the deployment of distributed generation resources and energy storage systems, to use funds that are appropriated by the Legislature for the purposes of providing incentives to eligible residential customers who install behind-the-meter energy storage systems or solar photovoltaic systems paired with energy storage systems. Requires the commission to establish a block grant.	05/18/2023 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1678 Hart	Election Campaigns: Libel and Slander		Makes a technical, nonsubstantive change to provisions concerning libel and slander during election campaigns.	02/17/2023 - INTRODUCED.
AB 1681 Bryan	Environmental Justice		Provides that it is the intent of the Legislature to enact subsequent legislation relating to environmental justice.	02/17/2023 - INTRODUCED.
AB 1687 Dahle M	Greenhouse Gas Emissions: Fixed-Mount Generators		Requires a fixed-mount generator to be classified as a stationary source. Requires the State Air Resources Board to adopt regulations consistent with that requirement.	03/16/2023 - To ASSEMBLY Committee on NATURAL RESOURCES.;03/16/2023 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/16/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
AB 1688 Sanchez	Voter Registration: Cancellation: Deceased Persons		Provides that existing law requires the Secretary of State to adopt regulations to facilitate the availability of death statistics from the State Department of Health Services for use by the Secretary of State and county elections officials to cancel affidavits of registration of deceased persons. Authorizes the Secretary of State to also seek an agreement with the federal Social Security Administration to facilitate the availability of death statistics from that agency.	07/05/2023 - From SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS: Do pass to Committee on APPROPRIATIONS.
AB 1689 Grayson	Greenhouse Gases: Built Environment: Decarbonization		Expresses the intent of the Legislature to enact subsequent legislation that would further support California's efforts to decarbonize the built environment.	02/17/2023 - INTRODUCED.

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AB 1690 Kalra	Universal Health Care Coverage		States the intent of the Legislature to guarantee accessible, affordable, equitable, and high-quality health care for all Californians through a comprehensive universal single-payer health care program that benefits every resident of the state.	02/17/2023 - INTRODUCED.
AB 1712 Irwin	Personal Information: Data Breaches		Provides that the Information Practices Act requires any agency that owns or licenses computerized data that includes personal information to disclose any breach of the security of the system following discovery or notification of the breach. Requires the security breach notification to include the websites of the major credit reporting agencies and the Uniform Resource Locator for the main internet website operated by the Federal Trade Commission to provide information for victims of identity theft.	06/14/2023 - To SENATE Committee on JUDICIARY.
AB 1716 Environmental Safety and Toxic Materials	Hazardous Wastes and Materials		Provides that existing law requires a business to establish and implement a business plan, containing certain elements, for emergency response to a release or threatened release of a hazardous material. Adds to the list of hazardous materials exempt from the business plan requirement a liquid or gaseous fuel in fuel tanks on vehicles or motorized equipment, if the fuel tank is integral to the operation of the vehicle or motorized equipment, and chemically treated wood handled in limited quantities.	07/05/2023 - In SENATE. Read second time. To third reading.
AB 1721 Ta	Crimes: False Depictions		Makes it a crime for a person to knowingly, and without the consent of the depicted individual, distribute to, exhibit to, or exchange with others, or offer to distribute to, exhibit to, or exchange with others audio or visual media that falsely depicts an individual engaging in sexual conduct that would appear to a reasonable observer to be an authentic record of the conduct.	04/18/2023 - In ASSEMBLY Committee on PUBLIC SAFETY: Not heard.
AB 1734 Jones-Sawyer	Local Government: Surplus Land Act: Exemptions		Specifies that land disposed of by a local agency for certain purposes, including low barrier navigation centers, supportive housing, transitional housing for youth and young adults, or affordable housing, is not subject to specified requirements, if the local agency meets certain prescribed requirements, including, among others, having declared a local emergency related to homelessness.	07/12/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1753 Local Government	Local Government: Reorganization		Provides that the Cortese-Knox-Hertzberg Local Government Reorganization Act requires a petitioner or legislative body desiring to initiate proceedings for a change of organization or reorganization to submit an application to the executive officer of the principal county. Prohibits the executive officer from accepting for filing an application, and provides that an application is not deemed accepted for	06/29/2023 - Signed by GOVERNOR.;06/29/2023 - Chaptered by Secretary of State. Chapter No. 2023-025

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			filing, if an agreement for the exchange of property tax revenues has not been adopted.	
AB 1757 Judiciary	Accessibility: Internet Websites		Provides that existing law imposes liability upon a person, firm, or corporation that denies or interferes with admittance to or enjoyment of public facilities or interferes with the rights of an individual with a disability. Makes it unlawful for any resource service provider, in exchange for remuneration, to intentionally construct, license, distribute, or maintain a website that fails to conform to the accessibility standard or to make a false representation that a website conforms to the standard.	07/13/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1762 Elections	Elections Omnibus Bill		Provides that for the purposes of the Elections Code, generally, and for the purposes of ballot designations, specifically, hyphenated words appearing in a reputable online dictionary are also considered as one word. Prohibits a candidate who was elected in an at-large election from using the designation of incumbent if they are a candidate in a district-based election.	06/26/2023 - In SENATE. From Consent Calendar. To third reading.
ACA 1 Aguiar-Curry	Local Government Financing: Affordable Housing		Provides that the State Constitution conditions the imposition of a special tax by a local government upon the approval of 2/3 of the voters. Authorizes a local government to impose, extend, or increase a sales and use tax or transactions and use tax imposed for the purposes of funding the construction, reconstruction, rehabilitation, or replacement of public infrastructure, affordable housing, or permanent supportive housing, or the acquisition or lease of real property for those purposes.	07/13/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
ACA 2 Alanis	Public Resources: Water and Wildfire Resiliency Act		Establishes the Water and Wildfire Resiliency Fund within the State Treasury, and would require the Treasurer to annually transfer an amount equal to 3% of all state revenues that may be appropriated as described from the General Fund to the Water and Wildfire Resiliency Fund. Requires the moneys in the fund to be appropriated by the Legislature and requires that 50% of the moneys in the fund be used for water projects, and that the other 50% of the moneys in the fund be used for forest maintenance.	04/20/2023 - To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and NATURAL RESOURCES.
ACR 36 Connolly	Compost Awareness Week		Designates specified week as Compost Awareness Week.	

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SB 3 Dodd	Discontinuation of Residential Water Service	Watch	Expands the scope of the Water Shutoff Protection Act to apply to a public water system, defined to include specified water systems and suppliers, including a community water system. Authorizes the Attorney General, at the request of the State Water Resources Control Board or upon the Attorney General's own motion, to bring an action in State court to restore to any person in interest any money or property, real or personal, that may have been acquired by any method, act, or practice prohibited by the act.	06/20/2023 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS: Do pass to Committee on APPROPRIATIONS.
SB 12 Stern	Global Warming Solutions Act of 2006: Emissions Limit		Requires the State Air Resources Board to ensure that statewide greenhouse gas emissions are reduced to at least 55% below the 1990 level by no later than December 31, 2030.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 23 Caballero	Water Supply and Flood Risk Reduction Projects	Support	Requires the State Water Resources Control Board or the California regional water quality control boards to use specified approved conservation and habitat management plans as watershed plans. Requires the State Board and regional boards, as part of their implementation of the State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State, to address the impacts of dredge and fill activities from water supply and flood risk projects.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 29 Glazer	Political Reform Act of 1974: Fair Political Practices		Authorizes the Fair Political Practices Commission to establish and administer a political reform education program as an alternative to an administrative proceeding. Provides that if a person meets the requirements to participate in the political reform education program and completes the program, the person is exempt from administrative, civil, or criminal penalties for the applicable violation of the Political Reform Act of 1974.	06/22/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 34 Umberg	Surplus Land Disposal: Violations: Orange County	Oppose_Amend	Requires the County of Orange, or any city located within Orange County, if notified by the Department of Housing and Community Development that its planned sale or lease of surplus land is in violation of existing law, to cure or correct the alleged violation within a specified number of days. Authorizes a local agency that receives that notice to provide to the Department of Housing and Community Development a statement describing the actions taken to cure or correct the alleged violation.	07/12/2023 - From ASSEMBLY Committee on LOCAL GOVERNMENT: Do pass to Committee on HOUSING AND COMMUNITY DEVELOPMENT.;07/12/2023 - From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Do pass to

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				Committee on APPROPRIATIONS.
SB 38 Laird	Battery Energy Storage Facilities: Emergency Response		Requires each battery energy storage facility located in the state and subject to specified requirements to have an emergency response plan and an evacuation plan that covers the premises of the battery energy storage facility. Requires the owner or operator of the facility, in developing the plan, to coordinate with local emergency management agencies, unified program agencies, and local first response agencies.	07/12/2023 - From ASSEMBLY Committee on UTILITIES AND ENERGY: Do pass to Committee on APPROPRIATIONS.
SB 48 Becker	Building Energy Savings Act	Watch	Requires the State Energy Resources Conservation and Development Commission, in consultation with the State Air Resources Board, Public Utilities Commission, and Department of Housing and Community Development, on or before specified date, to develop a strategy for using energy usage data to track and manage the energy usage and emissions of greenhouse gases of covered buildings. Requires the Energy Commission to submit the strategy and recommendations for further legislative action.	07/10/2023 - From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to Committee on APPROPRIATIONS.
SB 57 Gonzalez	Utilities: Disconnection of Residential Service	Oppose_Amend	Requires an electrical corporation, local publicly owned electric utility, gas corporation, local publicly owned gas utility, water corporation, or local agency that owns a public water system to postpone the disconnection of a customer's residential service for nonpayment of a delinquent account when the temperature will be a specified temperature or cooler, or a specified temperature or warmer, within the utility's service area during the 24 hours after that service disconnection would occur.	03/22/2023 - Re-referred to SENATE Committees on ENERGY, UTILITIES AND COMMUNICATIONS and JUDICIARY.
SB 66 Hurtado	Water Quality, Supply, and Infrastructure Improvement		Requires the State Water Resources Control Board to administer the Drinking Water Capital Reserve Fund for the purpose of serving as matching funds for disadvantaged communities and requires the State Board to develop criteria to implement this provision. Requires the State Board to provide an analysis of the criteria to implement that provision to the Senate Committee on Natural Resources and Water and Assembly Committee on Water, Parks, and Wildlife on specified date.	03/29/2023 - Re-referred to SENATE Committee on ENVIRONMENTAL QUALITY.
SB 68 McGuire	Vehicles: Safety Regulations		Provides that existing law requires the Department of the California Highway Patrol to regulate the safe operation of certain vehicles, including buses, truck tractors, and trailers, and to adopt certain rules and regulations pertaining to the operation of those vehicles. Authorizes the department to allow a driver to exceed	07/05/2023 - From ASSEMBLY Committee on TRANSPORTATION: Do pass

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			specified limits during a declared state of emergency if transporting fuel used for refueling aircraft used in fire suppression or other emergency-related activities.	to Committee on APPROPRIATIONS.
SB 69 Cortese	Environmental Quality Act: Proceedings: Limitations		Provides that the California Environmental Quality Act requires an action or proceeding challenging an act or decision of a public agency, including a local agency, on the grounds of noncompliance with CEQA to be commenced within certain time periods. Requires a local agency to file a notice of determination with the State Clearinghouse in the Office of Planning and Research in addition to the county clerk of each county in which the project will be located.	07/12/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 74 Dodd	Entities: State-Owned or State-Issued Devices		Provides that existing law requires the California Cybersecurity Integration Center to serve as the central organizing hub of State government's cybersecurity activities and coordinate information sharing with specified entities, including local, state, and federal agencies. Requires, with specified exceptions, State entities to prohibit applications for social media platforms from being downloaded or installed on those entities' State-owned or State-issued devices if specified conditions are met.	06/29/2023 - In ASSEMBLY. Assembly Rule 56 suspended.
SB 79 Nguyen	Coastal Resources: Preservation		Provides that it is the intent of the Legislature to enact subsequent legislation that would establish policy addressing coastal preservation.	01/25/2023 - To SENATE Committee on RULES.
SB 83 Wiener	Public Utilities: Electrical Distribution Grid		Requires Public Utilities Commission, on or before specified date, to establish maximum energization time periods by when an electrical corporation would be required to energize a development project, including the maximum time period for the energization ready phase of a project.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 84 Gonzalez	Air Quality Programs: Funding		Provides that existing law requires the Bureau of Automotive Repair to administer the Enhanced Fleet Modernization Program and the State Air Resources Board to adopt the guidelines for the program. Requires the guidelines to ensure each replacement vehicle in the program be either a plug-in hybrid or zero-emission vehicle unless the State Board makes a specified determination in consultation with the State Energy Resources Conservation and Development Commission.	05/31/2023 - In SENATE. From third reading. To Inactive File.
SB 146 Gonzalez	Public Resources: Infrastructure: Contracting		Provides that existing law authorizes the Secretary of Transportation to assume the responsibilities of the United States Secretary of Transportation under the federal National Environmental Policy Act of 1969 and other federal environmental laws for any railroad, public transportation, or multimodal project undertaken by State agencies. Extends the authorization to certain date. Authorizes the Secretary to	07/10/2023 - Signed by GOVERNOR.;07/10/2023 - Chaptered by Secretary of State. Chapter No. 2023-058

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			assume responsibilities under the NEPA and other federal environmental laws under certain conditions.	
SB 147 Ashby	Fully Protected Species: California Endangered Species		Authorizes the Department of Fish and Wildlife to issue a permit under the California Endangered Species Act that would authorize the take of a fully protected species resulting from impacts attributable to the implementation of specified projects if certain conditions are satisfied, including, among others, the conditions required for the issuance of an incidental take permit. Requires the department to develop a plan to assess the population status of each fully protected species.	07/10/2023 - Signed by GOVERNOR.;07/10/2023 - Chaptered by Secretary of State. Chapter No. 2023-059
SB 149 Caballero	California Environmental Quality Act: Administrative		Provides that the California Environmental Quality Act requires a lead agency to prepare, or cause to be prepared, and certify the completion of an environmental impact report on a project that it proposes to carry out or approve that may have a significant effect on the environment or to adopt a negative declaration if it finds that the project will not have that effect. Authorizes the public agency to deny the request of the plaintiff or petitioner to prepare the record of proceedings. Appropriates funds.	07/10/2023 - Signed by GOVERNOR.;07/10/2023 - Chaptered by Secretary of State. Chapter No. 2023-060
SB 224 Hurtado	Agricultural Land: Foreign Ownership and Interests		Prohibits a foreign government from purchasing, acquiring, leasing, or holding a controlling interest, as defined, in agricultural land within the State of California. Exempts land held by foreign governments before specified date from that prohibition. Provides that land transferred in violation of these provisions would be subject to divestiture.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 229 Umberg	Surplus Land: Disposal of Property: Violations	Oppose_Amend	Requires a local agency that has received a notification of violation from the Department of Housing and Community Development to hold an open and public session to review and consider the substance of the notice of violation. Requires the local agency's governing body to provide prescribed notice no later than a certain number of days before the public session. Prohibits the local agency's governing body from taking final action to ratify the proposed disposal until a public session is held as required.	07/12/2023 - From ASSEMBLY Committee on LOCAL GOVERNMENT: Do pass to Committee on HOUSING AND COMMUNITY DEVELOPMENT.;07/12/2023 - From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Do pass to Committee on APPROPRIATIONS.

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SB 231 Hurtado	Department of Water Resources: Water Supply Forecasting		Requires the Department of Water Resources to inventory its existing drought mitigation and response plans and submit a report to the Legislature identifying these plans and their purposes by specified date. Requires the report to include a recommendation on whether there is a need for a new comprehensive, long-term plan for mitigating and responding to the effects of drought at the State level.	07/12/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 233 Skinner	Electric Vehicles and Electric Vehicle Supply Equipment		Requires the State Energy Resources Conservation and Development Commission, in consultation with the State Air Resources Board, on or before specified date, to convene a stakeholder workgroup to examine challenges and opportunities associated with using an electric vehicle as a mobile battery to power a home or building or providing electricity to the electrical grid, and requires the Energy Commission to submit a report to the Governor and Legislature that includes specified information.	07/12/2023 - From ASSEMBLY Committee on UTILITIES AND ENERGY: Do pass as amended to Committee on APPROPRIATIONS.
SB 239 Dahle	Environmental Quality Act: Housing Development Projects		Limits the standing to file and maintain an action or proceeding alleging that an environmental impact report was not prepared and certified in compliance with the California Environmental Quality Act to the Attorney General. Authorizes the court, upon its own motion or of a party, to conduct a hearing to determine if the Attorney General is bringing and maintaining an action or proceeding for nonenvironmental purposes, as defined.	04/19/2023 - In SENATE Committee on ENVIRONMENTAL QUALITY: Not heard.
SB 240 Ochoa Bogh	Surplus State Real Property: Affordable Housing		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 that it proposes to carry out or approve that may have a significant effect on the environment. Provides that development of surplus State real property by a local agency or nonprofit affordable housing sponsor for an affordable housing project is by right, making the development ministerial in nature and exempt from CEQA requirements.	07/12/2023 - From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Do pass to Committee on APPROPRIATIONS.;07/12/2023 - In ASSEMBLY. Coauthors revised.
SB 245 Hurtado	California Food Assistance Program: Eligibility		Requires the State Department of Social Services to establish a food assistance program, known as the California Food Assistance Program (CFAP), to provide assistance to a noncitizen of the United States if the person's immigration status meets the eligibility criteria of SNAP in effect on specified date, but the person is not eligible for SNAP benefits solely due to their immigration status.	06/20/2023 - In ASSEMBLY Committee on HUMAN SERVICES: Not heard.
SB 248 Newman	Political Reform Act of 1974: Disclosures		Requires a candidate for elective office to file, when the candidate files a declaration of candidacy, a form to disclose the candidate's prior education and	06/21/2023 - From ASSEMBLY Committee on ELECTIONS: Do

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			work history, and history of military service, if any. Requires the Fair Political Practices Commission to create a form for this purpose. Requires the Secretary of State to post on its website a copy of completed forms submitted by candidates, making such forms available to the public for a specified number of years from the date of the election.	pass to Committee on APPROPRIATIONS.;06/21/2023 - In ASSEMBLY. Coauthors revised.
SB 251 Newman	Political Reform Act of 1974: Elected Officers		Prohibits an elected officer from employment by any other elected officer with the same constituency, except if the elected officer first began their employment by the other elected officer with the same constituency on or before specified date.	04/18/2023 - In SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS: Failed passage.;04/18/2023 - In SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS: Reconsideration granted.
SB 252 Gonzalez	Public Retirement Systems: Fossil Fuels: Divestment		Prohibits the boards of the Public Employees' Retirement System and the State Teachers' Retirement System from making new investments or renewing existing investments of public employee retirement funds in a fossil fuel company. Requires the boards to liquidate investments in a fossil fuel company on or before specified date. Suspends, temporarily, the liquidation provision upon a good faith determination by the board that certain conditions materially impact normal market mechanisms for pricing assets.	06/08/2023 - To ASSEMBLY Committee on PUBLIC EMPLOYMENT AND RETIREMENT.
SB 265 Hurtado	Cybersecurity Preparedness: Critical Infrastructure		Requires the Office of Emergency Services to direct the California Cybersecurity Integration Center to prepare, and Cal OES to submit to the Legislature, a strategic, multiyear outreach plan to assist critical infrastructure sectors, in their efforts to improve cybersecurity and an evaluation of options for providing grants or alternative forms of funding to, and potential voluntary actions that do not require funding and that assist, that sector in their efforts to improve cybersecurity preparedness.	07/10/2023 - From ASSEMBLY Committee on EMERGENCY MANAGEMENT: Do pass to Committee on APPROPRIATIONS.
SB 267 Eggman	Credit History of Persons Receiving Rent Subsidy		Prohibits the use of a person's credit history as part of the application process for a rental housing accommodation without offering the applicant the option of providing lawful, verifiable alternative evidence of the applicant's reasonable ability to pay. Provides that, if the applicant elects to provide lawful, verifiable alternative evidence of the applicant's reasonable ability to pay, the housing	07/11/2023 - From ASSEMBLY Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.;07/11/202

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			provider is required to provide the applicant reasonable time to respond with that alternative evidence.	3 - In ASSEMBLY. Coauthors revised.
SB 279 Niello	Administrative Regulations: Public Participation		Defines major regulation to mean the proposed adoption, amendment, or repeal of a regulation that will have an economic impact on California business enterprises and individuals in an amount exceeding a specified amount. Requires an agency to provide a minimum specified public comment period for purposes of determining whether the proposed adoption, amendment, or repeal of a regulation would be a major regulation that requires a standardized regulatory impact analysis.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 297 Allen	Elections: Initiatives and Referenda: Withdrawal		Provides that existing law authorizes the proponents of a statewide initiative or referendum measure to withdraw the measure after filing the initiative or referendum petition with the appropriate elections official at any time before the Secretary of State certifies that the measure has qualified for the ballot. Requires the Secretary to deem a written notice of contingent withdrawal of a statewide initiative or referendum effective under specified conditions.	06/29/2023 - In ASSEMBLY. Read second time. To third reading.
SB 299 Limon	Voter Registration: California New Motor Voter Program		Requires the Department of Motor Vehicles to transmit specified information to the Secretary of State for a person submitting a driver's license application who provides documentation demonstrating United States citizenship and that the person is of an eligible age to register or preregister to vote.	06/13/2023 - From ASSEMBLY Committee on HEALTH with author's amendments.;06/13/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on HEALTH.
SB 300 Seyarto	Public Employees Retirement: Fiscal Impact: Information		Requires the Legislative Analyst to prepare a pension fiscal impact analysis on any measure introduced on or after specified date that is referred to the Senate Labor, Public Employment and Retirement Committee, or any successor committee, as specified, and that requires a public retirement system to take prescribed action, including the divestiture of an existing investment.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 308 Becker	Carbon Dioxide Removal Market Development Act		Requires the State Air Resources Board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions and to update the scoping plan at least once every specified number of years. Enacts the Carbon Dioxide Removal Market Development Act.	06/08/2023 - To ASSEMBLY Committee on NATURAL RESOURCES.

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SB 315 Hurtado	Groundwater: Groundwater Sustainability Agencies		Requires any groundwater sustainability agency that hires a third-party consulting firm to ensure that the integrity of the science being used to develop a groundwater sustainability plan is protected and the data is not sold. Requires the Sustainable Groundwater Management Grant Program to allocate at least a specified amount of existing funds for a Critical Facilities Subsidence Mitigation subprogram, to be used for groundwater sustainability agencies that meet certain criteria and for certain purposes.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 320 Skinner	Property Taxation: Possessory Interests		Provides that there is no independent possession or use of land or improvements if the possession or use is for a tenancy, as defined, in a residential unit, as defined, in a publicly owned housing project, as defined, is part of a governmental assistance program, and directly fulfills the governmental, public purpose of providing the housing, as described in the governmental assistance program.	02/15/2023 - To SENATE Committee on GOVERNANCE AND FINANCE.
SB 322 Becker	Zero-Emission Vehicle Battery Manufacturing		Requires the State Energy Resources Conservation and Development Commission, or an entity it contracts with, to administer its Zero-Emission Vehicle Battery Manufacturing Block Grant Program, and imposes eligibility, application scoring, workforce, and reporting requirements on the program. Authorizes the commission, or an entity it contracts with, to adopt procedures and criteria to supplement these requirements.	06/26/2023 - From ASSEMBLY Committee on TRANSPORTATION: Do pass to Committee on APPROPRIATIONS.
SB 328 Dodd	Political Reform Act of 1974: Contribution Limits		Relates to the Political Reform Act of 1974, which prohibits a person, other than a small contributor committee or political party committee, from making to a candidate for elective state, county, or city office, and prohibits those candidates from accepting from a person, a contribution totaling more than \$3,000 per election. Applies those contribution limits to candidates for school district, community college district, and other special district elections.	07/05/2023 - From ASSEMBLY Committee on ELECTIONS: Do pass to Committee on APPROPRIATIONS.
SB 334 Cortese	Public Employment Relations Board: Powers and Duties		Authorizes the Public Employment Relations Board to conduct employer-employee relations studies concerning the impact on public employees of net-zero carbon emissions initiatives, including collecting, analyzing, and making available related data.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 337 Min	Environmental Protection: Lands and Coastal Waters		Provides that existing law requires the Secretary of the Natural Resources Agency to prepare and submit, on or before specified date, and annually thereafter, a report to the Legislature on the progress made in the prior calendar year toward achieving the goal to conserve a specified percent of California's lands and coastal waters by	06/12/2023 - From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to

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			specified year. Provides that it is the goal of the State to conserve at least a specified percent of California's lands and coastal waters by specified year.	Committee on APPROPRIATIONS.
SB 361 Dodd	Water Resources: Stream Gages		Requires the Department of Water Resources and the State Water Resources Control Board, upon appropriation, to reactivate, upgrade, and install new stream gages. Requires the department and the board to use the recommendations and data provided in the California Stream Gaging Prioritization Plan 2022 to complete specified actions by specified year. Requires the department to report to the Legislature on progress made in completing specified actions.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 366 Caballero	State Water Plan: Long-Term Supply Targets	Support	Requires the Department of Water Resources to coordinate with the California Water Commission, the State Water Resources Control Board, other State and federal agencies, and the stakeholder advisory committee to develop a comprehensive plan for addressing the State's water needs and meeting specified long-term water supply targets for purposes of the California Water Plan. Requires the department to submit an annual report between updates to the plan that includes progress made toward meeting the targets.	07/11/2023 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.
SB 375 Alvarado-Gil	Employment: Employer Contributions: Withholdings		Requires an employer to claim, for the 2023 and 2024 calendar years, a COVID-19 regulatory compliance credit in a specified amount. Requires the credit to be claimed on the employers last quarterly return, as described, for the relevant calendar year. The bill would require any amount claimed by an employer to be credited against employee personal income tax withholding amounts required to be remitted to the department for the last quarter of the relevant calendar year.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 379 Umberg	Political Reform Act of 1974: Ballot Measures		Makes nonsubstantive changes to the definition of measure for purposes of the Political Reform Act of 1974.	02/22/2023 - To SENATE Committee on RULES.
SB 386 Newman	Elections		Provides that existing law permits an elections official to use a random sampling method to determine the number of qualified voters who signed a county, city, or special district initiative or referendum petition, or a local recall petition. Provides that if an elections official uses this method and if a specified percentage of valid signatures is demonstrated, the elections official must complete the determination of the number of qualified voters within a specified period. Extends this period.	06/21/2023 - From ASSEMBLY Committee on ELECTIONS: Do pass to Committee on APPROPRIATIONS.
SB 389 Allen	State Water Resources Control Board: Investigation		Authorizes the State Water Resources Control Board to investigate and ascertain whether or not a water right is valid. Authorizes the board to issue an information	07/11/2023 - From ASSEMBLY Committee on WATER, PARKS

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			order in furtherance of an investigation, as executed by the executive director of the board, to a water right holder or claimant, diverter, or user to provide the information related to a diversion and use of water. Authorizes a diversion or use of water ascertained to be unauthorized pursuant to this provision to be enforced as a trespass.	AND WILDLIFE: Do pass to Committee on APPROPRIATIONS.
SB 393 Glazer	Environmental Quality Act: Judicial Challenge		Authorizes a defendant, in an action brought pursuant to the California Environmental Quality Act relating to a housing development project, to file a motion requesting the plaintiff or petitioner to identify every person or entity that contributes in excess of a specified amount toward the plaintiff's or petitioner's costs of the action. Authorizes the motion to be heard on shortened time at the court's discretion.	07/06/2023 - In ASSEMBLY. Assembly Rule 56 suspended.
SB 395 Wahab	Notice of Termination or Rent Increase: Database		Provides that, beginning on specified date, a landlord is required to file with the Office of the Secretary of State a copy of any notice of termination or notice of rent increase within a specified number of days of serving the notice on the tenant, subject to specified requirements. Requires the office to create and maintain a publicly available, searchable database called the Statewide Rental Reporting Database.	05/18/2023 - In SENATE Committee on APPROPRIATIONS. Held under submission and made a Two-year bill.
SB 396 Wahab	Local Government: Excavations: Notice		Requires, prior to commencing any local agency-led excavation projects, as defined, a city, county, or city and county to notify interested parties of the project on its internet website to encourage collaborative installations of important utilities and infrastructure, including, but not limited to, fiber optic cable, undergrounding utilities, or other important services.	02/22/2023 - To SENATE Committee on GOVERNANCE AND FINANCE.
SB 399 Wahab	Employer Communications: Intimidation		Prohibits, with specified exceptions, an employer from subjecting, or threatening to subject, an employee to discharge, discrimination, retaliation, or any other adverse action because the employee declines to attend an employer-sponsored meeting or affirmatively declines to participate in, receive, or listen to any communications with the employer or its agents or representatives, the purpose of which is to communicate the employer's opinion about religious or political matters.	07/11/2023 - From ASSEMBLY Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
SB 403 Wahab	Discrimination on the Basis of Ancestry		Relates to the Unruh Civil Rights Act. Defines ancestry. Relates to the California Fair Employment and Housing Act (FEHA). Defines ancestry for purposes of the FEHA to include, among other things, caste, and defines caste.	07/10/2023 - In ASSEMBLY. Read second time and amended.

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				Re-referred to Committee on APPROPRIATIONS.
SB 409 Newman	Elections: Candidate's Statement		Provides that existing law authorizes a candidate for statewide elective office who accepts the voluntary expenditure limits to purchase the space to place a statement in a state voter information guide. Requires a participating county to report to the Secretary of State about the effectiveness of the program and for the Secretary of State to provide a report to the Legislature, as specified.	06/26/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 411 Portantino	Open Meetings: Teleconferences: Neighborhood Councils		Authorizes an eligible legislative body to use alternate teleconferencing provisions related to notice, agenda, and public participation, if the city council has adopted an authorizing resolution and a specified fraction of an eligible legislative body votes to use the alternate teleconferencing provisions. Requires an eligible legislative body authorized to provide publicly accessible physical locations for public participation.	07/12/2023 - From ASSEMBLY Committee on LOCAL GOVERNMENT: Do pass as amended.
SB 414 Allen	Climate Change: Applications Using Hydrogen: Assessment	Watch	Provides that existing law requires the State Air Resources Board to prepare and post an evaluation on its internet website related to the use of hydrogen in the State. Requires, on or before specified date, the Board, in consultation with the State Energy Resources Conservation and Development Commission and the Public Utilities Commission to complete an assessment of the use of hydrogen in certain applications. Requires the assessment to incorporate the findings of, and not duplicate, the evaluation.	06/19/2023 - From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to Committee on APPROPRIATIONS.
SB 415 Durazo	Air Quality: Rules and Regulations: Impacts Assessment		Requires a local air district, whenever it intends to propose the adoption, amendment, or repeal of a rule or regulation that will significantly affect air quality or emissions limitations, to perform an assessment of the socioeconomic impacts of the proposed action on the rule or regulation on families living within the jurisdiction whose annual income is less than a specified amount.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 422 Portantino	California Environmental Quality Act		Requires specified public agencies, at the time of adoption of a rule or regulation requiring the reduction in emissions of greenhouse gases, criteria air pollutants, or toxic air contaminants, to perform an environmental analysis of the reasonably foreseeable methods of compliance with the California Environmental Quality Act.	07/12/2023 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT: Do pass to Committee on APPROPRIATIONS.
SB 423 Wiener	Land Use: Streamlined Housing Approvals: Multifamily		Relates to the Planning and Zoning Law, which authorizes a development proponent to submit an application for a multifamily housing development that is subject to a streamlined, ministerial approval process and not subject to a	07/10/2023 - From ASSEMBLY Committee on NATURAL RESOURCES: Do pass as

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			conditional use permit, if the development satisfies specified objective planning standards. Authorizes the Department of General Services to act in the place of a locality or local government for purposes of the review for development on property owned by or leased to the State.	amended to Committee on APPROPRIATIONS.
SB 436 Dodd	California Wildfire Mitigation Strategic Planning Act		Requires the Office of Emergency Services on or before specified date, and every specified number of years thereafter, to prepare a Wildfire Risk Baseline and Forecast for the State delineated on a statewide level and by county.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 443 Gonzalez	Drinking Water: Schools		Makes nonsubstantive changes to provisions of existing law requiring school districts and charter schools to allow pupils, teachers, and staff to bring and carry water bottles, except as provided.	02/22/2023 - To SENATE Committee on RULES.
SB 458 Gonzalez	Public Contracts: Local Agency Public Construction Act		Requires a local public entity subject to the Local Agency Public Construction Act, commencing on specified date, to maintain and regularly update a public online database and accompanying data dictionary with prescribed information on the entity's contracting activity similar to the information required for the State Contract Act report.	04/19/2023 - In SENATE Committee on GOVERNANCE AND FINANCE: Not heard.
SB 460 Wahab	Hiring of Real Property: Criminal History		Prohibits a housing provider, as defined, from inquiring about an applicants criminal history, requiring an applicant to disclose their criminal history, or requiring an applicant to authorize the release of their criminal history, unless they are complying with federal law, as specified.	02/22/2023 - To SENATE Committee on JUDICIARY.
SB 461 Wahab	Days and Hours of Work: Religious Cultural Observance		Provides that existing law authorizes a State employee to elect to receive 8 hours of holiday credit for certain holidays in lieu of receiving 8 hours of personal holiday credit. Authorizes an employee to elect to receive a specified number of hours of holiday credit for observance of a holiday or ceremony of the State employee's religion, culture, or heritage in lieu of receiving a specified number of hours of personal holiday credit.	07/13/2023 - In ASSEMBLY. Read second time. To Consent Calendar.
SB 466 Wahab	Costa-Hawkins Rental Housing Act: Rental Rates		Relates to the Costa-Hawkins Rental Housing Act, which prescribes statewide limits on the application of local rent control with regard to certain properties. Authorizes an owner of residential real property to establish the initial rental rate for a dwelling or unit when the residential real property has been issued a certificate of occupancy within a specified number of years preceding the date on which the owner seeks to establish a rental rate, with specified exceptions.	05/31/2023 - In SENATE. From third reading. To Inactive File.

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SB 468 Seyarto	Trespass		Authorizes a single request for assistance to be made and submitted electronically, in a notarized writing on a form provided by the Law Enforcement Agency, to a peace officer for a period of not more than 3 years when the premises or property is closed to the public and posted as being closed and would require the notice ending assistance before the 3 years has passed to be in writing.	02/22/2023 - To SENATE Committee on PUBLIC SAFETY.
SB 470 Alvarado-Gil	Water: Urban Water Community Drought Relief Program		Establishes 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 through water delivery system improvements for fire suppression purposes in high or very fire hazard severity zones.	07/12/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 477 Housing	Accessory Dwelling Units		Provides that existing law provides for the creation of junior accessory dwelling units by local ordinance, or, if a local agency has not adopted an ordinance, by ministerial approval, in accordance with specified standards and conditions. Makes nonsubstantive changes and reorganizes various provisions relating to the creation and regulation of accessory dwelling units and junior accessory dwelling units, and makes related nonsubstantive conforming changes.	07/13/2023 - Withdrawn from Enrollment.;07/13/2023 - In SENATE. Action rescinded whereby SENATE concurred in ASSEMBLY amendments. To unfinished business.;07/13/2023 - In SENATE. Ordered returned to ASSEMBLY. *****To ASSEMBLY.
SB 488 Alvarado-Gil	California Renewables Portfolio Standard Program		Relates to law that requires electrical corporations to collectively procure, through financial commitments of 5 to 15 years, inclusive, their proportionate share of 125 megawatts of cumulative rated generating capacity from existing bioenergy projects that commenced operations before specified date. Requires the Public Utilities Commission to ensure that the costs of any contract procured by a community choice aggregator are recoverable.	04/24/2023 - In SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS: Failed passage.;04/24/2023 - In SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS: Reconsideration granted.
SB 493 Min	Air Pollution: Alternative Vehicles and Hydrogen		Requires the State Energy Resources Conservation and Development Commission to publish a determination regarding the adequacy of completed or planned charging or fueling sites for the specified number of years following the completion of the initial statewide assessment and the findings of the electric vehicle charging infrastructure assessment. Requires the Energy Commission to	07/12/2023 - From ASSEMBLY Committee on UTILITIES AND ENERGY: Do pass to Committee on APPROPRIATIONS.

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			identify any charging or fueling site deficiencies and to categorize those deficiencies.	
SB 497 Smallwood- Cueva	Protected Employee Conduct		Provides that existing law prohibits retaliation against an employee for various reasons. Establishes that in addition to other remedies, an employer is liable for a civil penalty not exceeding a specified amount per employee for each violation to be awarded to the employee who was retaliated against. Requires the Labor Commissioner, in assessing this penalty, to consider the nature and seriousness of the violation based on the evidence obtained during the course of the investigation.	07/12/2023 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT: Do pass to Committee on APPROPRIATIONS.
SB 504 Dodd	Wildfires: Defensible Space: Grant Programs		Provides that existing law requires fuels to be maintained and spaced in a condition so that a wildfire burning under average weather conditions would be unlikely to ignite the structure. Provides that a violation of these requirements is a crime. Requires fuels to be maintained and spaced in a condition so that a wildfire would be unlikely to ignite the structure. Makes a conforming change with respect to an area or land that is within a very high fire hazard severity zone designated by a local agency.	05/11/2023 - To ASSEMBLY Committee on NATURAL RESOURCES.
SB 507 Gonzalez	Electric Vehicle Charging Station Infrastructure		Establishes a goal of putting at least a specified number of zero-emission vehicles on State roads by specified year for purposes of the statewide assessment and requires the State Energy Resources Conservation and Development Commission to also assess the electric vehicle charging infrastructure needed to support the levels of electric vehicle adoption required for the State to meet the goal of ensuring 100% of new cars and light trucks sold in the State are zero-emission vehicles by specified year.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 511 Blakespear	Greenhouse Gas Emissions Inventories		Provides that the California Global Warming Solutions Act requires the State Air Resources Board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions and to update the scoping plan. Requires the Board to develop, and publish on its website, a report on greenhouse gas emissions inventories for the specified calendar year for each city, county, or city and county that requests inclusion in the report.	06/19/2023 - From ASSEMBLY Committee on NATURAL RESOURCES: Do pass to Committee on APPROPRIATIONS.
SB 518 Wilk	Elections: Certification of Results		Requires the elections official to submit the certified statement of the results of the election on the 30th calendar day following the election.	06/08/2023 - To ASSEMBLY Committee on ELECTIONS.

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SB 526 Limon	Department of Industrial Relations: Domestic Violence		Requires the Department of Industrial Relations to develop and prepare a poster regarding domestic violence prevention that employers may display in their workplace and to make the poster available to employers for download through the department's internet website. Requires that the poster be made available in English, Spanish, and any non-English language required under the Dymally-Alatorre Bilingual Services Act.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 534 Padilla	Equitable Access to Job Opportunity Pilot Program		Establishes the Equitable Access to Job Opportunity Pilot Program, to be operative from specified date to specified date, inclusive, to provide individuals without postsecondary education degrees from rural or low-income communities with financial aid for workforce development training and education to gain employment in key industries. Makes the bill's provisions operative only upon appropriation by the Legislature.	07/12/2023 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
SB 537 Becker	Open Meetings: Multijurisdictional		Relates to law that authorizes the legislative body of a local agency to use alternative teleconferencing in certain circumstances related to the particular member. Provides that these circumstances include if a member shows just cause. Expands the circumstances of just cause to apply to the situation in which an immunocompromised child, parent, grandparent, or other specified relative requires the member to participate remotely.	07/12/2023 - From ASSEMBLY Committee on LOCAL GOVERNMENT: Do pass as amended.
SB 544 Laird	Bagley-Keene Open Meeting Act: Teleconferencing		Relates to the Bagley-Keene Open Meeting Act. Provides that existing law authorizes, subject to specified requirements, a State body to hold public meetings through teleconferencing. Requires a State body, upon discovering that a means of remote participation required by the bill has failed during a meeting and cannot be restored, to end or adjourn the meeting in accordance with prescribed adjournment and notice provisions, including information about reconvening.	07/12/2023 - From ASSEMBLY Committee on GOVERNMENTAL ORGANIZATION: Do pass as amended to Committee on APPROPRIATIONS.
SB 546 Alvarado-Gil	Sales and Use Tax Law: Exemption: Public Safety		Exempts from State sales and use taxes the gross receipts from the sale in this State of, and the storage, use, or other consumption in this State of, a public safety first responder vehicle purchased by a local public agency and any equipment required on those vehicles purchased by a local public agency.	03/29/2023 - Re-referred to SENATE Committee on GOVERNANCE AND FINANCE.
SB 550 Grove	Water Markets		Requires the Legislative Analyst, in collaboration with the Department of Water Resources, State Water Resources Control Board, and other agencies, to prepare and submit to the Legislature a report analyzing the water market, including background information regarding the sale of water and water rights, market	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.

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			trends, barriers to entering the market or effectively trading in the market, and proposals for improving the regulatory framework to make the market more market friendly and to encourage growth.	
SB 553 Cortese	Occupational Safety: Workplace Violence		Authorizes a collective bargaining representative of an employee to seek a temporary restraining order and an order after hearing on behalf of the employee and other employees at the workplace. Requires an employer or collective bargaining representative of an employee, before filing such a petition, to provide the employee who has suffered unlawful violence or a credible threat of violence from any individual an opportunity to decline to be named in the temporary restraining order.	07/10/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 563 Archuleta	Air Pollution Control Districts		Relates to the establishment of air pollution control districts and air quality management districts. Designates a district as a special district for purposes of receiving State funds or funds disbursed by the State. Requires, if eligibility for funds requires a district to be considered either a dependent or an independent special district, the entity distributing those funds to use the definitions for those terms set forth in the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 567 Durazo	Termination of Tenancy: No Fault Just Causes		Requires an owner of a residential real property who displaces a tenant to substantially remodel or demolish a unit to provide the tenant with written notice providing the tenant with specified information, including a description of the substantial remodel to be completed and the expected duration of the repairs, or the expected date by which the property will be demolished, and a copy of permits required to undertake the substantial remodel or demolition.	07/12/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 571 Allen	Development Projects: Emergency Preparedness		Requires a proponent of a new development that would require the evacuation of a specified number or more vehicles at any given time that is located within a State responsibility area or local responsibility area and within a high or very high fire hazard severity zone to include an evacuation plan with its application submitted to the local government for the development.	04/26/2023 - In SENATE Committee on GOVERNANCE AND FINANCE: Not heard.
SB 573 Wahab	Political Reform Act of 1974: Conflicts of Interest		Provides that for a specified time period after leaving employment from the Legislature, a committee consultant designated in the Senate or Assembly's Conflict of Interest Code would be prohibited from engaging in any activity that	04/25/2023 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

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			would require the former committee consultant to register as a lobbyist for influencing any matter under the jurisdiction of their former committee.	
SB 574 Wahab	Public Agencies: Project Labor Agreements		Permits a State agency to undertake a major State construction project only if that project is governed by a project labor agreement and if that project labor agreement includes community benefit goals. Authorizes the Governor to waive this requirement if the State agency has attempted to comply with this requirement and the Governor makes a written determination that the application of this requirement would be impracticable.	04/11/2023 - In SENATE Committee on GOVERNMENTAL ORGANIZATION: Not heard.
SB 575 Wahab	Employment Relations		Makes nonsubstantive changes to provisions concerning employment relationships.	02/22/2023 - To SENATE Committee on RULES.
SB 584 Limon	Laborforce Housing: Short-Term Rental Tax Law		Enacts the Laborforce Housing Financing Act of 2023. Establishes the Laborforce Housing Fund in the State Treasury and makes moneys in the fund available to the Department of Housing and Community Development, upon appropriation by the Legislature, for the creation of laborforce housing and other specified housing projects by public entities, local housing authorities, and mission-driven nonprofit housing providers.	06/15/2023 - To ASSEMBLY Committees on HOUSING AND COMMUNITY DEVELOPMENT and REVENUE AND TAXATION.
SB 592 Newman	Labor Standards Information and Enforcement		Prohibits the imposition of punishment or liability for costs upon a person who has relied upon a published opinion letter or an enforcement policy, as defined, of DLSE that is displayed on the internet website of the division, except for restitution of unpaid wages, for violations of statutes or regulations in judicial or administrative proceedings if the person pleads and proves specified facts.	04/19/2023 - In SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Failed passage.;04/19/2023 - In SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Reconsideration granted.
SB 597 Glazer	Building Standards: Rainwater Catchment Systems		Requires the Department of Housing and Community Development to conduct research and develop recommendations regarding building standards for the installation of rainwater catchment systems in newly constructed residential dwellings and authorizes the department to propose related building standards to the California Building Standards Commission for consideration. Authorizes the department to expend moneys from the Building Standards Administration Special Revolving Fund.	07/12/2023 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.

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SB 611 Menjivar	Residential Rental Properties: Fees and Advertisements		Requires landlords or their agents who advertise or provide a quote for residential property for rent and who include a specific or range of monthly rent rates to include specified information in the monthly rate. Requires the additional amount of security deposit to be returned to the tenant after no more than a specified number of months of residency if the tenant is not in arrears for any rent due during that period and if the higher amount is not due to a prior history of residential property damage.	06/08/2023 - To ASSEMBLY Committee on JUDICIARY.
SB 616 Gonzalez	Sick Days: Paid Sick Days Accrual and Use		Excludes railroad carrier employers and their employees from the Healthy Workplaces, Healthy Families Act of 2014's provisions, and requires these railroad employers to allow their railroad employees to take at least a specified number of days of unpaid sick leave annually. Applies specified provisions from the act relating to, among other things, eligibility for, accrual and use of, and prevention of retaliation for use of sick leave.	06/28/2023 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT: Do pass to Committee on APPROPRIATIONS.
SB 617 Newman	Public Contracts: Progressive Design-Build		Provides that existing law authorizes local agencies, defined as any city, county, or special district authorized by law to provide for the production, storage, supply, treatment, or distribution of water, to use the progressive design-build process for certain projects. Authorizes a transit district, municipal operator, consolidated agency, joint powers authority, regional transportation agency, or local or regional agency to use the progressive design-build process for up to a certain number of projects.	06/28/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 623 Laird	Workers Compensation: Post- Traumatic Stress Disorder		Relates to workers compensation for post-traumatic stress disorder. Expands such provisions to, among others, firefighting members of the State Department of State Hospitals, the State Department of Developmental Services, the Military Department, and the Department of Veterans Affairs.	06/28/2023 - From ASSEMBLY Committee on INSURANCE: Do pass to Committee on APPROPRIATIONS.
SB 632 Caballero	Candidate Statements		Provides that existing law allows certain candidates for State or federal elective office to purchase space to place a statement in the voter information portion of the sample ballot. Requires the Secretary of State or the Office of the Elections official to notify a candidate for statewide elective office, State Senate, or Assembly who files a statement with the Secretary or the elections official whether the statement was approved or rejected.	07/11/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 638 Eggman	Climate Resiliency and Flood Protection Bond Act	Support	Enacts the Climate Resiliency and Flood Protection Bond Act of 2024 which, if approved by the voters, would authorize the issuance of bonds in the amount of a	06/28/2023 - From ASSEMBLY Committee on WATER, PARKS

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			specified amount pursuant to the State General Obligation Bond Law, for flood protection and climate resiliency projects. Provides that this bill is operative only if SB 867 of the 2023-24 Regular Session is enacted and takes effect on or before specified date.	AND WILDLIFE with author's amendments.;06/28/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
SB 642 Cortese	Hazardous Materials: Enforcement: County Counsel		Authorizes the county counsel to bring an action seeking to enjoin a violation of laws and regulations governing the generation, transportation, and disposal of hazardous materials. Provides that if a county counsel or the district attorney brings an action, the county counsel or district attorney is required, within a specified number of days of the filing of the action, to give notice to the district attorney or county counsel, as applicable, of the related county.	07/13/2023 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE for concurrence.
SB 649 Hurtado	California Endangered Species Act: Incidental Take		Requires the Department of Fish and Wildlife to make specified decisions concerning the taking of endangered species based on a real-time monitoring system, rather than a calendar-based schedule, and to additionally consider the proximity of the species relative to the operation of a facility subject to the permit conditions and the known location of the population relative to the facility subject to the permit.	03/01/2023 - To SENATE Committee on NATURAL RESOURCES AND WATER.
SB 651 Grove	California Environmental Quality Act: Groundwater		Relates to the Sustainable Groundwater Management Act. Requires the Judicial Council to adopt a rule of court to establish procedures requiring actions or proceedings brought to attack, review, set aside, void, or annul the certification of an environmental impact report, or the granting of any project approvals, for groundwater recharge projects that implement a groundwater sustainability plan or an interim groundwater sustainability plan.	06/22/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
SB 659 Ashby	California Water Supply Solutions Act of 2023	Support	Establishes the California Water Supply Solutions Act of 2023 to, among other things, require the Department of Water Resources to develop a groundwater recharge action plan by specified date that provides actionable recommendations that result in the ability to create additional groundwater recharge capacity.	07/12/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 660 Alvarado-Gil	Public Employees' Retirement Systems		Establishes the California Public Retirement System Agency Cost and Liability Panel, located in the Controller's office. Assigns responsibilities to the panel related to retirement benefit costs, including determining how costs and unfunded liability are apportioned to a public agency when a member changes employers within the same public retirement system or when a member concurrently retires	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.

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			with a specified number or more retirement systems that have entered into reciprocity agreements.	
SB 663 Archuleta	California Renewables Portfolio Standard Program		Relates to the California Renewables Portfolio Standard Program, which requires the Public Utilities Commission to implement annual procurement targets for the procurement of eligible renewable energy resources and requires local publicly owned electric utilities to adopt and implement a procurement plan to achieve the targets and goals of the program. Includes a facility that uses renewable hydrogen meeting certain requirements as a renewable electrical generation facility for purposes of the program.	06/01/2023 - In SENATE. From third reading. To Inactive File.
SB 664 Stern	Energy: Reliability Planning Assessment		Relates to law that requires the Energy Resources Conservation and Development Commission and the Public Utilities Commission to submit a joint Reliability Planning Assessment. Requires the assessment to include the status of utility transmission upgrades and electrical grid infrastructure capacity, PUC approvals of applications for certificates of public convenience and necessity and permits to construct utility and independent projects, and applications for permits from the Energy Commission.	07/12/2023 - From ASSEMBLY Committee on UTILITIES AND ENERGY: Do pass to Committee on APPROPRIATIONS.
SB 665 Allen	Plastic Waste: Single-Use Plastics Alternatives		Requires the California Environmental Protection Agency to establish a working group of specified agencies that would establish a framework for evaluating novel plastic and plastic-alternative material types used to produce single-use products as they are developed, in order to inform State policy decisions designed to create a more sustainable and circular economy. Requires the working group to, among other things, develop recommendations related to novel material types, including the appropriate labeling.	06/21/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 676 Allen	Local Ordinances and Regulations: Drought-Tolerant Land		Prohibits a city, including a charter city, county, or city and county from enacting or enforcing any ordinance or regulation that prohibits the installation of drought-tolerant landscaping using living plant material on residential property. Specifies that drought-tolerant landscaping does not include the installation of synthetic grass or artificial turf.	07/13/2023 - In ASSEMBLY. Read second time. To third reading.
SB 678 Umberg	Elections: Disclosures		Requires a person who is paid by a committee to support or oppose a candidate or ballot measure on an internet website, web application, or digital application to include a disclaimer, if not already required, stating that they were paid by the committee in connection with the post. Exempts the disclaimer requirement for	07/03/2023 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE for concurrence.

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			content posted by a compensated employee of a committee on the employee's own social media page or account if the only expense or cost of the communication is compensated staff time.	
SB 681 Allen	Political Reform Act of 1974: Amendments		Requires bills amending the Political Reform Act of 1974 be in final form at least a specified number of days before passage in each house. Requires bills amending the act to be in final form at least a specified number of days before passage in each house if the previous form of the bill did not amend the act. Requires the Legislative Counsel to make available to the public the option to sign up to receive email alerts any time a bill to amend the act is introduced or amended.	06/21/2023 - From ASSEMBLY Committee on ELECTIONS: Do pass to Committee on APPROPRIATIONS.
SB 684 Caballero	Land Use: Streamlined Approval Processes		Requires a local agency to ministerially approve, without discretionary review or a hearing, a parcel map or a tentative and final map for a housing development project that meets specified requirements. Authorizes a local agency to impose on a housing development on a lot that is subdivided pursuant to the bill's provisions objective zoning standards, objective subdivision standards, or objective design standards that are related to the design or to the improvement of a parcel.	07/13/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 687 Eggman	Water Quality Control Plan: Delta Conveyance Project		Requires the State Water Resources Control Board to adopt a final update of the 1995 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary before the board may consider a change in point diversion or any other water rights permit or order for the Delta Conveyance Project. Provides that these provisions do not constitute an authorization for or approval of funding for the Project or any other project that includes isolated Delta conveyance facilities.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 693 Seyarto	Exempt Surplus Land: City of Murrieta		Exempts specified parcels located within the City of Murrieta from the Surplus Land Act.	03/01/2023 - To SENATE Committee on GOVERNANCE AND FINANCE.
SB 700 Bradford	Employment Discrimination: Cannabis Use		Relates to the California Fair Employment and Housing Act. Makes it unlawful for an employer to request information from an applicant for employment relating to the applicant's prior use of cannabis.	07/05/2023 - From ASSEMBLY Committee on JUDICIARY: Do pass to Committee on APPROPRIATIONS.
SB 702 Limon	Gubernatorial Appointments: Report		Relates to law that requires the Governor to appoint every office whose mode of appointment is not prescribed by law. Requires the Office of the Governor, commencing on specified date, to maintain on its internet website a list of every State board and commission that includes, for each State board or commission, the	06/21/2023 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.

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			membership list, stated purpose, duties, meeting frequency, internet website, and vacancies in the membership.	
SB 703 Niello	Employment: Work Hours: Flexible Work Schedules		Enacts the California Workplace Flexibility Act of 2023. Permits an individual nonexempt employee to request an employee-selected flexible work schedule providing for workdays up to 10 hours per day within a 40-hour workweek and would allow the employer to implement this schedule without the obligation to pay overtime compensation for those additional hours in a workday.	04/26/2023 - In SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Failed passage.
SB 705 Ashby	Utility Workers: Harassment: Public Campaign		Requires the Public Utilities Commission to develop, in coordination with electrical corporations, gas corporations, and the unions representing the impacted workers, and conduct a statewide, public campaign to raise awareness and understanding around the harassment of utility workers and contractors in the State. Requires implementation of these provisions to be subject to the commission receiving sufficient funding for the campaign.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 706 Caballero	Public Contracts: Progressive Design-Build		Provides that existing law authorizes the Director of General Services to use the progressive design-build procurement process for the construction of up to 3 capital outlay projects. Provides additional authority for cities, counties, cities and counties, or special districts to use the progressive design-build process for up to a specified number of public works in excess of a specified amount, not limited to water-related projects, excluding projects on State-owned or State-operated facilities.	06/28/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 709 Allen	Low-Carbon Fuel Standard Regulations: Biogas		Requires the State Air Resources Board, in implementing the Low-Carbon Fuel Standard regulations, to update the carbon intensity of each pathway for fuel derived from livestock manure to include all emissions of greenhouse gases generated from the production of the fuel and all emissions of greenhouse gases generated from the production of the feedstock.	05/18/2023 - In SENATE Committee on APPROPRIATIONS. Held under submission and made a Two-year bill.
SB 712 Portantino	Tenancy: Personal Micromobility Devices		Prohibits a landlord from prohibiting a tenant from owning personal micromobility devices or from storing up to one personal micromobility device in their dwelling unit for each person occupying the unit, subject to certain conditions and exceptions. Defines personal micromobility device for those purposes to mean a device that is powered by the physical exertion of the rider or an electric motor and is designed to transport one individual or one adult accompanied by up to a specified number of minors.	06/29/2023 - In ASSEMBLY. From Consent Calendar. To third reading.

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SB 718 Wilk	Elections: Official Canvass: Unprocessed Ballots		Relates to law that requires county elections officials during the official canvass period following an election to send reports to the Secretary of State regarding the number of unprocessed ballots. Requires the Secretary of State to make public the information contained in those reports.	06/28/2023 - From ASSEMBLY Committee on ELECTIONS with author's amendments.;06/28/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS.
SB 721 Becker	California Interagency AI Working Group		Creates the California Interagency AI Working Group to deliver a report to the Legislature regarding artificial intelligence. Requires require the working group members to be Californians with expertise in at least 2 of certain areas, including computer science, artificial intelligence, and data privacy. Requires the report to include a recommendation of a definition of artificial intelligence as it pertains to its use in technology for use in legislation.	06/01/2023 - To ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION.
SB 723 Durazo	Employment: Rehiring and Retention: Displaced Workers		Redefines laid-off employee to mean any employee who was employed by the employer for a specified number of months or more and whose most recent separation from active employment by the employer occurred on or after specified date and was a result of a public health directive, government shutdown order, lack of business, reduction in force, or other economic nondisciplinary reason.	07/12/2023 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
SB 724 Glazer	Political Reform Act of 1974: Communications		Requires the disclosure of any payment of or promise to pay a specified amount or more for a communication that clearly identifies an elective state officer, with the intent to influence the officer or public opinion, and that is disseminated, broadcast, or otherwise published within 150 days of an election, as specified.	07/05/2023 - From ASSEMBLY Committee on ELECTIONS: Do pass to Committee on APPROPRIATIONS.
SB 731 Ashby	Employment Discrimination: Unlawful Practices		Makes it an unlawful employment practice for an employer, before requiring an employee who is working from home to return to work in person, to fail to provide at least a specified number of calendar days' advance notice to the employee. Requires that notice be written and sent by mail or email and include, at a minimum, prescribed text with information about the rights of an employee to reasonable accommodation for a disability.	07/12/2023 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
SB 737 Hurtado	Groundwater: Recharge		States the intent of the Legislature to enact legislation to capture floodwater to recharge groundwater basins and to require the Department of Water Resources and the State Water Resources Control Board to work together to expedite the regulatory steps necessary to store significant rainfall and excess water	03/01/2023 - To SENATE Committee on RULES.

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			underground, while still ensuring protections for the environment and other water users as required by state law.	
SB 745 Cortese	The Drought Resistant Buildings Act	Oppose_Amend	Requires the California Building Standards Commission to research, develop, and propose building standards to reduce potable water use in new residential and nonresidential buildings. Authorizes the commission to use or build upon any existing model ordinance for onsite nonpotable water treatment systems. Authorizes the commission to expend moneys from the Building Standards Administration Special Revolving Fund for specified purposes, upon appropriation by the Legislature.	07/13/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 747 Caballero	Land Use: Economic Development: Surplus Land	Support_Amend	Authorizes a city, county, or city and county, in addition to a sale or lease, to otherwise transfer property to create an economic opportunity. Provides that a local agency is not required to make a declaration at a public meeting that land is exempt surplus land, if specified conditions are met. Requires a local agency to, a specified number of days before disposing of land declared exempt surplus land, provide the Department of Housing and Community Development a written notification of its declaration.	07/12/2023 - From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT: Do pass as amended to Committee on APPROPRIATIONS.
SB 753 Caballero	Cannabis: Water Resources		Relates to the Control, Regulate and Tax Adult Use of Marijuana Act (AUMA), which authorizes the Legislature to amend its provisions by a two thirds vote of each house if the amendment furthers its purposes and intent. Amends the AUMA by adding conditions related to the planting, cultivating, harvesting, drying, or processing marijuana that results in substantial environmental harm to surface or groundwater.	07/06/2023 - In ASSEMBLY. Suspend Assembly Rule 96.;07/06/2023 - Re-referred to ASSEMBLY Committee on APPROPRIATIONS.
SB 755 Becker	Energy Efficiency and Building Decarbonization Programs		Provides for the California's Layered Energy Applications for Residents (CLEAR) Act of 2023. Requires the State Energy Resources Conservation and Development Commission to develop and make publicly available an internet website for energy efficiency and building decarbonization programs administered by the Energy Commission, federal or local governmental agencies, and nonprofit organizations that are available in the State for residential buildings and residential electricity customers.	07/12/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 756 Laird	Water: Inspection: Administrative Procedure: Notice		Requires the State Water Resources Control Board to take all appropriate proceedings or actions to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water in the State. Authorizes the	07/13/2023 - In ASSEMBLY. Read second time. To Consent Calendar.

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			board to inspect the property or facilities of any person or entity to ascertain certain purposes are being met or compliance with specified requirements. Expands methods of notice for those purposes to include notice in accordance with the manner of service of a summons.	
SB 769 Gonzalez	Local Government: Fiscal and Financial Training		Provides that existing law imposes ethics training and sexual harassment prevention training and education on specified local agency officials. Exempts a local agency official from the training requirements if they comply with specified criteria under existing law relating to eligibility for appointment or election to, and continuing education for, the office of county treasurer, county tax collector, or county treasurer-tax collector.	07/12/2023 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.
SB 778 Ochoa Bogh	Excavations: Subsurface Installations	Watch	Provides that existing law establishes the California Underground Facilities Safe Excavation Board for the enforcement and administration of the Safe Dig Act and requires the Governor to appoint a certain number of the board members. Revises the knowledge and experience requirements for a certain number of the members appointed by the Governor. Requires an operator to contact the excavator by electronic positive response if the area delineated by the excavator does not match the ticket description.	06/15/2023 - From ASSEMBLY Committee on UTILITIES AND ENERGY with author's amendments.;06/15/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY.
SB 781 Stern	Methane Emissions: Natural Gas Producing Low Methane		Provides that existing law requires the State Air Resources Board to quantify and publish annually the amount of greenhouse gas emissions resulting from the loss or release of uncombusted natural gas to the atmosphere and emissions from natural gas flares during all processes associated with the production, processing, and transporting of natural gas imported into the State from out-of-state sources. Requires the board to request and incorporate certain information from utilities and other large gas users.	07/12/2023 - From ASSEMBLY Committee on UTILITIES AND ENERGY: Do pass to Committee on APPROPRIATIONS.
SB 782 Limon	Coastal Resources: Public Works Plan: Vegetation		Requires the California Coastal Commission to develop a public works plan for vegetation management in the coastal zone.	03/29/2023 - Re-referred to SENATE Committee on NATURAL RESOURCES AND WATER.
SB 789 Allen	Elections: Senate Constitutional Amendment 2		Provides that the Legislature enacted SCA 2 of the 2021-22 Regular Session, which, if approved by the voters, would repeal provisions of the California Constitution that prohibit the development, construction, or acquisition of a low-rent housing project by any State public body unless the project is approved by a majority of the qualified electors in the jurisdiction in which the project is	06/26/2023 - In ASSEMBLY. From Consent Calendar. To third reading.

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			proposed. Calls a special election. Requires the submission of SCA 2 to the voters at that election.	
SB 790 Padilla	Public Records: Contracts for Goods and Services		Provides that any executed contract for the purchase of goods or services by a State or local agency, including the price and terms of payment, is a public record subject to disclosure under the California Public Records Act.	07/13/2023 - Signed by GOVERNOR.;07/13/2023 - Chapered by Secretary of State. Chapter No. 2023-077
SB 794 Niello	California Environmental Quality Act		Requires an action or proceeding brought to attack, review, set aside, void, or annual acts or decision of an agency for a commercial, housing, or public works project that helps to address longstanding critical needs in the project area and that results in an investment of at least a specified amount in the State on the grounds of noncompliance with the California Environmental Quality Act to be resolved within a specified number of days of the filing of the certified record of proceedings with the court.	03/29/2023 - In SENATE Committee on ENVIRONMENTAL QUALITY: Failed passage.;03/29/2023 - In SENATE Committee on ENVIRONMENTAL QUALITY: Reconsideration granted.
SB 798 Glazer	Elections: Local Bond Measures: Tax Rate Statement		Requires the estimated tax rate in the statement that includes estimates of the tax rates required to fund the issuance of bonds in measures for voter approval be expressed as the rate per specified sum of assessed valuation on all property to be taxed to fund the bonds.	06/15/2023 - In ASSEMBLY. From Consent Calendar. To third reading.
SB 809 Smallwood-Cueva	California Fair Employment and Housing Act: Fair Chance		Enacts the Fair Chance Act. Makes it an unlawful employment practice to take adverse action against an employee or discriminate against an employee on the basis of their preemployment arrest or conviction history or to end an interview, reject an application, or otherwise terminate the employment, transfer, or promotion application process based on conviction history information provided by the applicant or learned from any other source, until after the employer has taken specified actions.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 830 Smallwood-Cueva	Public Works		Expands the definition of public works to include an offsite, custom fabrication of sheet metal ducts or similar sheet metal products for heating, ventilation, and air conditioning systems produced as a nonstandard item solely and specifically designed and engineered for installation in a project.	06/28/2023 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT: Do pass to Committee on APPROPRIATIONS.
SB 846 Limon	Voter Registration: California New Motor Voter Program		Requires the Department of Motor Vehicles to transmit specified information to the Secretary of State for a person submitting a driver's license application who	05/18/2023 - In SENATE Committee on

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			provides documentation demonstrating United States citizenship and that the person is of an eligible age to register or preregister to vote.	APPROPRIATIONS: Held in committee.
SB 848 Rubio	Employment: Leave for Reproductive Loss		Makes it an unlawful employment practice for an employer to refuse to grant a request by an eligible employee to take up to a specified number of days of reproductive loss leave following a reproductive loss event. Makes it an unlawful employment practice for an employer to retaliate against an individual because of the individual's exercise of the right to reproductive loss leave or the individual's giving of information or testimony as to reproductive loss leave.	07/12/2023 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspend File.
SB 850 Umberg	Eminent Domain: General Limitations		Makes technical, nonsubstantive changes to provisions relative to eminent domain.	03/01/2023 - To SENATE Committee on RULES.
SB 855 Archuleta	Fair Employment and Housing Act: Veterans		Makes it an unlawful employment practice to require an employee who is a veteran, as defined, to work on a specified date, known as Veterans Day, if specified conditions are met.	04/11/2023 - In SENATE Committee on JUDICIARY: Not heard.
SB 858 Niello	Initiative and Referendum Measures: Title and Summary		Relates to law that requires the Attorney General, upon receipt of the text of a proposed initiative or referendum, to prepare a circulating title and summary of the chief purposes and points of the proposed measure that includes an estimate of the financial impact of the proposed measure and to prepare a ballot title and summary for each measure that the Secretary of State determines will appear on the ballot at a statewide election. Requires the Legislative Analyst to carry out these responsibilities.	05/01/2023 - In SENATE Committee on APPROPRIATIONS: To Suspend File.
SB 861 Dahle	California Environmental Quality Act: Water Conveyance		Requires the Judicial Council to adopt rules of court applicable to actions or proceedings brought to attack, review, set aside, void, or annul the certification or adoption of an environmental impact report for specified water projects or the granting of any project approvals to be resolved within a specified number of days of the filing of the certified record of proceedings with the court to an action or proceeding seeking judicial review of the lead agency's action related to those projects.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 863 Allen	Hiring Of Residential Real Property		Removes the requirement that the notice to terminate for cause that is a curable lease violation be given pursuant to specified provisions and would instead specify that the time period to cure the violation set forth in the notice shall not be less than a specified number of days, after which time, if the violation is not cured, a	03/29/2023 - Re-referred to SENATE Committee on JUDICIARY.

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			notice to quit without an opportunity to cure may thereafter be served to terminate the tenancy.	
SB 865 Laird	Municipal Water Districts: Automatic Exclusion		Increases the number of days the Secretary of State has to issue a certificate reciting the passage of the ordinance and the exclusion of the area from the municipal water district to 14 days.	03/01/2023 - To SENATE Committee on GOVERNANCE AND FINANCE.
SB 867 Allen	Drought, Flood, and Water Resilience	Support_Amend	Enacts the Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024, which would authorize the issuance of bonds to finance projects for, among other things, drought, flood, and water resilience. Provides for the submission of these provisions to the voters at the specified statewide primary election.	06/22/2023 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
SB 876 Smallwood-Cueva	Employment Discrimination		States the intent of the Legislature to enact legislation that would protect workers from discrimination in the workplace.	03/01/2023 - To SENATE Committee on RULES.
SB 878 Governance and Finance	Validations		Enacts the First Validating Act of 2023. Validates the organization, boundaries, acts, proceedings, and bonds of the State and counties, cities, and specified districts, agencies, and entities. Provides that all public bodies heretofore organized or existing under any law, or under color of any law, are declared to have been legally organized and to be legally functioning as those public bodies.	06/29/2023 - Signed by GOVERNOR.;06/29/2023 - Chaptered by Secretary of State. Chapter No. 2023-030
SB 879 Governance and Finance	Validations		Enacts the Second Validating Act of 2023. Validates the organization, boundaries, acts, proceedings, and bonds of the State and counties, cities, and specified districts, agencies, and entities. Provides that all public bodies heretofore organized or existing under any law, or under color of any law, are declared to have been legally organized and to be legally functioning as those public bodies.	06/29/2023 - Signed by GOVERNOR.;06/29/2023 - Chaptered by Secretary of State. Chapter No. 2023-031
SB 880 Governance and Finance	Validations		Enacts the Third Validating Act of 2023. Validates the organization, boundaries, acts, proceedings, and bonds of the State and counties, cities, and specified districts, agencies, and entities. Provides that all public bodies heretofore organized or existing under any law, or under color of any law, are declared to have been legally organized and to be legally functioning as those public bodies.	06/29/2023 - Signed by GOVERNOR.;06/29/2023 - Chaptered by Secretary of State. Chapter No. 2023-032


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SB 881 Alvarado-Gil	Paid Sick Days: Accrual and Use		Modifies the employer's alternate sick leave accrual method to require that an employee have no less than a specified number of hours of accrued sick leave or paid time off by the specified day of employment or each calendar year, or in each specified time period. Provides that certain sick leave provisions would preempt any existing local ordinance, resolution, law, rule, or regulation regarding earned sick leave, excluding ordinances regarding COVID-19 leave and ordinances enacted before certain date.	04/19/2023 - In SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Failed passage.;04/19/2023 - In SENATE Committee on LABOR, PUBLIC EMPLOYMENT AND RETIREMENT: Reconsideration granted.
SB 882 Governance and Finance	Local Government Omnibus Act of 2023		Provides that existing law authorizes a county recorder to use a printed, stamped, or photographically reproduced facsimile signature in certifying to a record in the recorder's office provided that the certification has the seal of the recorder's office affixed thereto. Authorizes a county recorder to also use electronic or otherwise digitally created signature in certifying a record.	07/13/2023 - In ASSEMBLY. Read second time. To Consent Calendar.
SB 888 Elections and Constitutional Amendments	Political Reform Act of 1974		Requires a member of the Fair Political Practices Commission who declares a candidacy for elective office to resign from the Commission. Prohibits the chair of the Commission from filing to be a candidate for elective office until at least one year after their service in this position expires.	05/18/2023 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SCA 2 Stern	Elections: Voter Qualifications		Provides that the California Constitution allows a United States citizen who is at least 18 years of age and a resident of the State to vote. Reduces the minimum voting age to a specified age.	05/08/2023 - From SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS: Be adopted to Committee on APPROPRIATIONS.
SCA 3 Niello	Elections: Initiatives and Referenda		Transfers from the Attorney General to the Legislative Analyst the duty of preparing the title and summary for a proposed initiative or referendum. Requires, for each measure that appears on a statewide ballot, the Legislative Analyst to prepare the ballot label and the ballot title and summary for the state voter information guide.	05/08/2023 - From SENATE Committee on ELECTIONS AND CONSTITUTIONAL AMENDMENTS: Be adopted to Committee on APPROPRIATIONS.
HR 1430 Valadao	National Environmental Policy Act Review Requirements	Support	Directs the Secretary of the Interior and the Secretary of Agriculture to use certain previously completed environmental assessments and environmental impact statements to satisfy the review requirements of the National Environmental Policy Act of 1969.	04/25/2023 - In HOUSE Committee on AGRICULTURE: Referred to Subcommittee on FORESTRY.

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HR 2964 McClain	Do Not Flush Labeling Requirements	Support	Requires the Federal Trade Commission to issue regulations requiring certain products to have Do Not Flush labeling.	04/28/2023 - In HOUSE Committee on ENERGY AND COMMERCE: Referred to Subcommittee on DIGITAL COMMERCE AND CONSUMER PROTECTION.
HR 3027 Porter	Reclamation Climate Change and Water Program Funding	Support	Reauthorizes funding for the Reclamation Climate Change and Water Program.	06/09/2023 - In HOUSE Committee on NATURAL RESOURCES: Referred to Subcmnt on WATER, WILDLIFE AND FISHERIES.
HR 3966 Garcia	Precipitation Forecasts		To accelerate sub-seasonal to seasonal prediction skills related to precipitation forecasts for water management in the western United States, improve atmospheric river forecasts across the country, and for other purposes.	06/09/2023:To HOUSE Committee on SCIENCE, SPACE, AND TECHNOLOGY.
S 1350 Merkley	Do Not Flush Labeling Regulations	Support	Requires the Federal Trade Commission to issue regulations requiring certain products to have Do Not Flush labeling.	04/27/2023 - To SENATE Committee on COMMERCE, SCIENCE, AND TRANSPORTATION.
S 1429 Lummis	PFAS Substance Liability Exemptions	Support	Exempts certain entities from liability under the Comprehensive Environmental Response, Compensation, and Liability Act of specified year with respect to releases of perfluoroalkyl and polyfluoroalkyl substances (PFAS).	05/03/2023 - To SENATE Committee on ENVIRONMENT AND PUBLIC WORKS.
S 2162 Feinstein	Reclamation State Water Infrastructure Support		Supports water infrastructure in Reclamation States.	06/22/2023-To SENATE Committee on ENERGY AND NATURAL RESOURCES.
S 2203 Padilla	Winter Season Reconnaissance of Atmospheric Rivers		Requires the conduct of winter season reconnaissance of atmospheric rivers on the West Coast of the United States.	06/22/2023- To SENATE Committee on ARMED SERVICES.

August 7, 2023
Prepared by: M. Van Dyke
Submitted by: C. Compton
Approved by: P. Cook 

WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

ANNUAL REVIEW OF IRWD ASSOCIATION MEMBERSHIPS AND AFFILIATIONS

SUMMARY:

Staff has compiled a summary of the associations of which IRWD is a member and pays membership dues over \$500 per year (major memberships). The total amount of membership dues paid by IRWD in Fiscal Year 2022-23 was approximately \$400,000 with major membership expenses totaling approximately \$380,000. A summary of the major memberships for Fiscal Year 2021-22 and Fiscal Year 2022-23 is provided as Exhibit “A”.

Staff will present the summary to the Committee to review the value of continuing memberships in the listed associations. Staff will be prepared to review the purpose of these memberships, identify memberships that are of lower priority and value to IRWD, and identify association and sponsorship opportunities for discussion.

FISCAL IMPACTS:

Dues for IRWD association memberships are included in each annual operating budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

That the Committee review and discuss the current list of IRWD association memberships and association and sponsorship opportunities.

LIST OF EXHIBITS:

Exhibit “A” – Summary of IRWD’s Major Association Memberships

Note: This page is intentionally left blank.

Exhibit “A”

Summary of IRWD’s Major Association Memberships and Affiliations

* Invoice timing resulted in no membership payment in fiscal year. ** Invoice timing resulted in double payment in fiscal year

++ Members are invoiced on an as needed basis

PROFESSIONAL ASSOCIATIONS	FY 2021/2022	FY 2022/2023
AMERICAN MEMBRANE TECHNOLOGY ASSOCIATION	-	\$825.00
AMERICAN WATER WORKS ASSOCIATION	\$11,599.00	\$11,952.00
ASIAN BUSINESS ASSOCIATION OF ORANGE COUNTY	*	\$2,500.00
ASIAN INDUSTRY B2B	*	-
ASSOCIATION OF CALIFORNIA WATER AGENCIES	\$42,350.00	\$46,045.00
BIOENERGY ASSOCIATION OF CALIFORNIA	\$2,750.00	\$3,025.00
BLACK CHAMBER OF ORANGE COUNTY	*	\$2,500.00
CALDESAL	\$5,000.00	-
CALIFORNIA ASSOCIATION OF SANITATION AGENCIES	\$20,500.00	\$21,500.00
CALIFORNIA COUNCIL FOR ENVIRONMENTAL AND ECONOMIC BALANCE- <i>Water, Chemistry and Waste Project, South Coast Air Project & Water Quality Task Force</i>	\$39,000.00	\$52,750.00
CALIFORNIA MUNICIPAL UTILITIES ASSOCIATION	\$14,005.00	\$15,406.00
CALIFORNIA PUBLIC AGENCY COMPENSATION SURVEY	\$550.00	-
CALIFORNIA SPECIAL DISTRICTS ASSOCIATION	\$8,195.00	\$8,810.00
CLEAN WATER AND JOBS FOR CALIFORNIA	++	++
CLEAN WATER SOCAL <i>(formerly Southern California Alliance of Publicly Owed Treatment Works)</i>	\$10,120.00	\$10,120.00
FILIPINO AMERICAN CHAMBER OF COMMERCE OF ORANGE COUNTY	*	\$2,500.00
GREATER IRVINE CHAMBER OF COMMERCE	\$1,800.00	\$1,800.00
INSTITUTE OF FINANCE & MANAGEMENT	-	\$695.00
INTERNATIONAL PUBLIC MANAGEMENT ASSOCIATION OF HUMAN RESOURCES	\$1,005.00	-
ISLE, INC.	*	\$34,200.00
KOREAN AMERICAN CHAMBER OF COMMERCE OF ORANGE COUNTY	*	-
NATIONAL ASSOCIATION OF GOVERNMENT DEFINED CONTRIBUTION ADMINISTRATORS	*	\$600.00

Summary of IRWD's Major Association Memberships and Affiliations

* Invoice timing resulted in no membership payment in fiscal year. ** Invoice timing resulted in double payment in fiscal year

++ Members are invoiced on an as needed basis

PROFESSIONAL ASSOCIATIONS	FY 2021/2022	FY 2022/2023
NATIONAL WATER RESEARCH INSTITUTE	\$100,000.00**	\$3,000.00
NATIONAL WATER RESOURCES ASSOCIATION INC	\$2,525.00	\$525.00
NEWPORT BEACH CHAMBER OF COMMERCE	\$2,500.00	\$590.00
ORACLE APPLICATIONS AND TECHNOLOGY USERS GROUP	\$1,095.00	\$1,095.00
ORANGE COUNTY BUSINESS COUNCIL	\$5,000.00	*
ORANGE COUNTY CURRENT AFFAIRS FORUM	*	\$1,000.00
ORANGE COUNTY HISPANIC CHAMBER OF COMMERCE	*	\$1,500.00
PUBLIC POLICY INSTITUTE OF CALIFORNIA	\$10,000.00	-
RESOURCES TRENDS	\$2,500.00	-
SOLVE THE WATER CRISIS COALITION	\$15,000.00	*
SOUTH ORANGE COUNTY ECONOMIC COALITION	\$2,500.00	*
SOUTHERN CALIFORNIA WATER COMMITTEE	\$25,000.00	\$25,000.00
SUSTAIN SOCAL	*	\$1,000.00
UNIVERSITY OF CALIFORNIA, IRVINE (Department of Civil & Environmental Engineering Affiliates)	\$1,250.00	\$1,500.00
URBAN WATER INSTITUTE, INC.	\$2,500.00	\$1,250.00
VIETNAMESE AMERICAN CHAMBER OF COMMERCE	-	\$2,500.00
WATER ASSOCIATION OF KERN COUNTY	\$500.00	\$500.00
WATER EDUCATION FOUNDATION	\$32,000.00	\$35,000.00
WATER INFORMATION SHARING AND ANALYSIS CENTER (WATERISAC)	\$3,149.00	\$3,300.00
WATER RESEARCH FOUNDATION	\$62,924.00	\$62,924.00
WATEREUSE ASSOCIATION	\$10,815.00	\$12,547.50
WESTERN WEATHER & WATER EXTREMES (CW3E) WATER AFFILIATES GROUP	*	\$10,000.00
TOTAL	\$436,132.00	\$378,459.50