

MEETING OF THE  
BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**PUBLIC AFFAIRS AND LEGISLATION COMMITTEE**  
August 12, 2019, 8:30 a.m.  
Conference Room 101

**Committee:**

Director Dick, Chair  
Director Thomas  
Director McVicker

Staff: R. Hunter, K. Seckel, H. Baez,  
D. Micalizzi, T. Dubuque, T. Baca

**Ex Officio Member:** Director Barbre

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MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

**PUBLIC PARTICIPATION**

Public comments on agenda items and items under the jurisdiction of the Committee should be made at this time.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

**ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING --**

Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

**DISCUSSION ITEMS**

1. LEGISLATIVE ACTIVITIES
  - a. Federal Legislative Report (Barker)
  - b. State Legislative Report (BBK)
  - c. County Legislative Report (Lewis)
  - d. Legal and Regulatory Report (Ackerman)
  - e. MWDOC Legislative Matrix

**ACTION ITEMS**

2. TRAVEL TO WASHINGTON, DC TO COVER FEDERAL ADVOCACY ISSUES
3. TRAVEL TO SACRAMENTO TO COVER STATE ADVOCACY ISSUES
4. RECOMMENDATION FOR SPONSORSHIP OF MAVEN'S NOTEBOOK

**INFORMATION ITEMS** (THE FOLLOWING ITEMS ARE FOR INFORMATIONAL PURPOSES ONLY – BACKGROUND INFORMATION IS INCLUDED IN THE PACKET. DISCUSSION IS NOT NECESSARY UNLESS REQUESTED BY A DIRECTOR.)

5. MWDOC'S HOSTING OF DELTA STEWARDSHIP MEETING ON SEPTEMBER 26, 2019
6. UPDATE REGARDING THE LOCAL AGENCY FORMATION COMMISSION (LAFCO) MUNICIPAL SERVICE REVIEWS
7. SEPTEMBER 5, 2019 WATER POLICY FORUM & DINNER
8. 2019 OC WATER SUMMIT FINANCIAL RECAP
9. INSPECTION TRIP SCHEDULE 2019-2020
10. EDUCATION PROGRAMS UPDATE
11. PUBLIC AFFAIRS ACTIVITIES REPORT

**OTHER ITEMS**

12. REVIEW ISSUES RELATED TO LEGISLATION, OUTREACH, PUBLIC INFORMATION ISSUES, AND MET

**ADJOURNMENT**

**NOTE:** At the discretion of the Committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated, and may be subject to action by the Committee. On those items designated for Board action, the Committee reviews the items and makes a recommendation for final action to the full Board of Directors; final action will be taken by the Board of Directors. Agendas for Committee and Board meetings may be obtained from the District Secretary. Members of the public are advised that the Board consideration process includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

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Nicholas Crockett  
Allison Leavitt

*Municipal Water District of Orange County, California*  
*Washington Update*  
*August 7, 2019*

***Appropriations:***

As Congress went into their annual August Recess, Congressional leaders in the House and the Senate and Trump administration officials found agreement on a two-year budget compromise that will prevent a debt default and billions of dollars in forced budget cuts.

In addition the budget agreement will substantially reduce the chance of another government shutdown before voters go to the polls next year to decide on a second term for President Donald Trump.

Under the agreement which was passed and signed into law last week, overall funding for defense programs would increase 3 percent for fiscal 2020, which begins Oct. 1. Non-defense funding would increase 4 percent over current levels for the upcoming fiscal year.

House appropriators are still wrestling with what this means to the spending bills which have already passed through the House of Representatives. They have already passed 10 of the 12 spending bills this summer. House Leaders in the lower chamber can't relax too much-- since the levels they used to write those bills now differ from what the budget deal will dictate. As they prepare for negotiations, House appropriators need to account for about \$5 billion more in military spending and about \$15 billion less for non-defense programs.

The House increased spending for water programs by approximately 4% in the Energy and Water and Interior and EPA spending bills.

On the Senate side, Senator Shelby (R-Al) has indicated that the Energy and Water bill may be one of the first spending bills that the Senate will pass in September.

### ***Wildfire Update:***

Senators Dianne Feinstein (D-Calif.) and Steve Daines (R-Mont.) issued a joint statement last week on bipartisan legislation they are developing to protect public safety by expediting and expanding the removal of dead, dying and hazardous trees in national forests:

According to their media statement, “The 2017 and 2018 fire seasons brought unspeakable loss and grief to California and Montana communities. Unfortunately, millions of acres of forests in our states and across the West remain at high risk of catastrophic wildfires, and there is strong consensus that fire seasons will only get worse. We believe additional resources are urgently needed to protect our communities and tackle these emergency conditions.

“We’re working together to develop bipartisan legislation to improve management and speed up restoration of forest landscapes in California and Montana, create viable solutions for the removal of woody biomass and dead and dying trees, accelerate post-fire restoration and reforestation, and expedite targeted treatments of dangerously dense forested areas where wildfires are most likely to start.

“Our bipartisan bill will take concrete, meaningful steps to improve forest health and address the worsening threat that catastrophic wildfires pose to our communities. We intend to introduce the bipartisan legislation after the Senate returns from the August work period and will work with members of both parties to pass it.”

In the last thirty years, there has been a significant uptick in wildfires in the United States. Last year, nearly nine million acres burned across the United States. The average acres burned are now almost double what the average was in the 1990s and more than half of the Forest Service’s budget is dedicated to fighting wildfire compared to only 16 percent in 1995.

### ***Reauthorization of portions of the 2016 WIIN Act:***

As noted in last month’s report, Senator Feinstein along with Senator McSally (R-AZ) and Senator Gardner (R-Co) introduced S.1932, the Drought Resiliency and Water Supply Infrastructure Act. It would reauthorize the Title 16 Water Reclamation and Reuse Program and also include \$60 million for desalination projects and it will also provide a \$670 Million Authorization for the construction of surface and groundwater recycling projects. The bill is similar to the legislation which is being advanced by Congressman Huffman (D-Ca) and Congresswoman Napolitano (D-Ca). Of note, in the Senate Hearing on July 18th on the bill, Brenda Burman, the Commissioner of the Bureau of Reclamation, stressed the importance of water storage and using all of the tools available to water managers to improve future water

supplies. Many here believe that S. 1932 to be the likely major water bill that will pass during this session of Congress.

### ***Congressman Levin Desalination Authorization Bill:***

On Thursday, July 28<sup>th</sup>, the House Water, Oceans and Wildlife Subcommittee held a hearing on nine different water bills, including Congressman Levin's legislation, HR 3723. This legislation would dramatically increase funding for desalination projects that have been listed in the 2016 WIIN Act—and would authorize \$260 Million in new funding for desal projects nationally. The General Manager of South Coast Water District, Rick Shintaku, testified at the Hearing about the SCWD project, the Doheny Beach Desal Project, which was described by Chairman Huffman as a “model project”. Congressman Levin's legislative strategy is to pass his bill through the House and then have Senator Feinstein amend her bill, S.1932, with his additional authorizations language for desal projects.

### ***PFAS:***

The Congress was very active during the month of July considering amendments to the Department of Defense Reauthorization Act that dealt with Per and Polyfluoroalkyl substances, known as PFAS. These substances have found their way into the drinking water supplies in various communities. Per and polyfluoroalkyl substances are a group of man-made chemicals that includes PFOA, PFOS, GenX, and many other chemicals and there are many areas contaminated. There is mounting evidence that exposure to PFAS can lead to adverse human health effects.

The Senate made significant progress in late June in reaching consensus on PFAS legislation—with consensus among both Senate Republicans and Democrats being the key word. Following two hearings in the Senate Environment and Public Works (EPW) Committee this spring, a package was unveiled and quickly considered in Committee on June 19 and then amended into the National Defense Authorization Act (NDAA) also known frequently as the annual Department of Defense Reauthorization Bill.

Of note, the Senate language did not address other legislative proposals including the listing of PFAS as CERCLA hazardous substances, something deemed very controversial due to liability concerns.

The House on the other hand was a completely different story.

There were a number of amendments considered on this issue. The final bill as passed by the House contains PFAS provisions similar to those in the Senate bill, but with some key differences. To summarize, the House bill mandates Clean Water Act (CWA) discharge limits for PFAS, but does not include the Senate's requirement to promulgate drinking water standards.

Most importantly, the House approved an amendment, offered by Reps. Debbie Dingell (D-MI) and Dan Kildee (D-MI), requiring EPA to list all PFAS as hazardous substances under CERCLA. The Senate bill does not include this provision.

The hazardous substance issue is important and controversial because of its liability implications. If PFAS are listed as hazardous substances, they become subject to CERCLA's broad liability scheme, ***which makes past and present owners and operators, transporters, and arrangers jointly and severally liable for the cost of cleanup.*** EPA already has CERCLA authority to clean up PFAS releases (as pollutants or contaminants), but presently cannot hold parties liable under CERCLA for such cleanup. The House provision – by making PFAS hazardous substances – would expand EPA's ability to recover CERCLA response costs, and also would empower private parties to recover CERCLA response costs for PFAS cleanups.

The two different House and Senate bills now headed to a House/Senate conference committee, which will take place in September-- where these (and many other differences) must be resolved. At the time of the preparation of this report, the Conferees have not been named to the Conference Committee which will need to reconcile the differences between the House and the Senate Bills.

***Outlook:*** The Trump Administration is more supportive of the Senate version of the bill and that may provide the Senate additional negotiation leverage in their discussions with the House on PFAS issues. Even with the passage of the Defense Bill, other committees in Congress are actively addressing PFAS related issues in the Congress.

#### ***Water Conservation IRS Tax Rebate Issue:***

Following up on the Water Conservation Rebate IRS issue which was discussed during last month's PAL meeting, we have been visiting with House and Senate offices on the matter. Senator Feinstein's office is working with Senator Burr's (R-NC) Office on the issue. Senator Burr sits on the Senate Finance Committee and could very well determine if an IRS remedy is included in an upcoming Senate Tax Bill.

On the House side, Congressman Jared Huffman (D-Ca) is engaging with the House Ways and Means Committee on the issue. There hasn't been a hearing on Congressman Huffman's legislation yet but the Congressman's office is working with Congressman Thompson who Chairs the Subcommittee of jurisdiction for this issue on the Ways and Means Committee—the House panel that passes tax measures.

JCB 8/7/19



## Memorandum

To: Municipal Water District of Orange County  
 From: Syrus Devers, Best Best & Krieger  
 Date: August, 2019  
 Re: Monthly State Political Report

## Legislative Report

The Summer Recess ends on the 12th, which starts the most frantic time of the year. All remaining bills have 30 days to get to the Governor's desk. The Governor gets extra time to consider bills passed near the end of session, but knowing the exact date when that happens is something of an art. In general, the Governor has 12 days to act on a bill, unless the 12th day falls on a weekend or a holiday. Any bill that is "in possession" of the Governor on the last day of session, which means the 12-day clock has not run out, must be acted on within 30 days. Ordinarily, you'd count back 13 days from the end of session to determine the date after which the Governor gets more time to act. Session ends on September 13th this year, but September 1st is a Sunday and September 2nd is a holiday, which makes September 3rd the trigger for giving the Governor until 30 days after session ends to act on a bill, or October 13th with no allowance for Sundays or holidays. For any bill passed before the 3rd, the 12-day rule applies.

But there's a catch: the clock doesn't start until a bill is "enrolled" to the Governor, which simply means the paperwork is done. During busy times, like end of session, there can be delays "engrossing and enrolling" a bill, which pushes back the date an unknown number of days. Assume the Governor as until October 13th to consider any bill passed in the last week of August.

Don't bother trying to remember any of that because the rules change for the second year of the biennial session.

Since the last PAL Committee hearing was on the first day of the Summer Recess, and the August meeting falls on the day the Legislature returns, the only newsworthy items to report on are the Governor's actions during the recess. (Don't hold your breath waiting to hear about any vetoes.)

**SB 200 (Monning):** the "Safe and Affordable Drinking Water Fund". The Governor went to great lengths to tout his signature on SB 200 by traveling to Sanger (along with Senator Monning) to meet with residents and sign the bill. Where's Sanger? Why, it's right across the river from Wahtoke, next to Tombstone Territory. (On a more serious note, located near the middle of the San

**BB&K**  
**BEST BEST & KRIEGER**  
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Joaquin Valley on the Kings River, Sanger was hit with both contaminated ground water and severe water shortages during the drought.)

**SB 307 (Roth):** the “Cadiz bill”. No expense was spared fighting this bill but the Governor quickly signed it. In fact he not only signed it, he also went out of his way to write a little message about why he signed it, which can be found here: <https://www.gov.ca.gov/wp-content/uploads/2019/07/SB-307-Signing-Message-7.31.19.pdf>

**AB 756 (C. Garcia):** Per- and Polyfluoroalkyl (PFAS) standards. The Governor waited until the last possible day to sign the bill and did so without comment. A Governor usually does this to make opponents feel like they had every opportunity to be heard. It’s possible that there was debate within the staff, but speculation is that the SWRCB said, “Don’t worry. We’ll make it work. Everything will be fine”.

*And just for fun, Newsom also signed...*

**SB 27 (McGuire):** the Presidential Tax Transparency and Accountability Act. (A.k.a., the Donald Trump bill.) If you want to run for President of these United States and appear on the ballot in California, you gotta show your taxes. For good measure it applies to the Governor as well, which gave Newsom another opportunity to brag about releasing 6 years of tax returns when he ran for Governor.

When the Legislature does return it will hit the ground running. AB 402 (Quirk) is set for hearing on the 12th in Senate Appropriations. This is the bill to fund Local Primacy Agencies through the Safe Drinking Water Fund, which makes it operate like a tax on water agencies. BB&K staff is part of a group that has been meeting with key Senators during the recess. It’s also possible that SB 1 (Atkins) will be set for a hearing the same day as well. If so, it will be a long day for water industry lobbyists.



# The County of Orange Report

August 7, 2019  
by Lewis Consulting Group



## Fisler Edges Jacobs for LAFCO Seat

The first order of business for the August 14<sup>th</sup> LAFCO meeting will be the swearing-in of new Special District Commissioner Jim Fisler, who narrowly won with a 14-12 victory among the 26 of 27 Special Districts which cast votes. For many years, the two Special District seats were filled by two South County representatives, now both seats are filled by North County representatives. The vote tally showed strong North/South Regional voting.

Our written report is submitted prior to the August 14<sup>th</sup> meeting. Also on the August 14<sup>th</sup> agenda is:

- Item 8B - FY 2018-2019 Fund Comprehensive Quarterly Report
- Item 10A - OCLAFCO Reserves and Projections
- Item 10B - Proposed revisions to OCLAFCO Policies and Procedures
- Item 10C - CAL-LAFCO update



## Update

The July 30<sup>th</sup> Board of Supervisors meeting was highlighted by two separate items. The first was the formal report on the newly authorized Ad Hoc Committees. Ad Hocs allow two Board members to research and make policy recommendations to the full Board without falling out of compliance with the Ralph Brown Act. Usually great deference is given to Ad hoc's recommendations making the two selected of great interest to those following that particular issue.

The newly announced Ad Hoc Committees

<b>Ad Hoc Committee Name/Purpose</b>	<b>BOS Members</b>	<b>Creation Date</b>
<b>Census Planning Ad Hoc Committee</b> - Establish a committee to update County jurisdictional boundaries, address and population data and develop an education and outreach strategy	Do & Chaffee	10/30/18
<b>County Procurement Manual Ad Hoc Committee</b> - Established an ad hoc committee to work with County Executive Office and County Procurement Office to bring changes to the CPM for Board Approval in early 2019	Do & Bartlett	11/6/18
<b>El Toro Ad Hoc</b>	Chaffee & Wagner	6/4/19
<b>OIR Ad Hoc Committee</b>		6/25/19
<b>Airport Governance Committee</b>	Bartlett & Steel	11/20/18

## **Key Findings - County Homeless Report**

Also at the July 30<sup>th</sup> Board meeting, the County released additional information and demographics associated with its homeless point-in-time count. On January 22 & 23, 2019, nearly 1,200 volunteers fanned out all over the County to make an accurate as possible count of the County's homeless population. The count for the 24 hour period encompassing January 22<sup>nd</sup> was 6,860 individuals. Of these, 311 are veterans and 1,550 are members of 466 families of which 356 were sheltered and 110 were not. The Board is giving special emphasis to solving these two categories in an expedited manner. Below are additional demographics from the count:

### **Total Persons Counted**

A total of 6,860 individuals were counted as experiencing unsheltered and sheltered homelessness during the Orange County 2019 Point In Time Count.

- Unsheltered: 3,961 or 57.74 percent of individuals were experiencing unsheltered homelessness.
- Sheltered: 2,899 or 42.26 percent of individuals were sheltered in an emergency shelter or transitional housing program.

### **Service Planning Areas**

- North: 2,765 or 40.31 percent of unsheltered and sheltered adults and children were counted in the North Service Planning Area.
- Central: 3,332 or 48.57 percent of unsheltered and sheltered adults and children were counted in the Central Service Planning Area.
- South: 763 or 11.12 percent of unsheltered and sheltered adults and children were counted in the South Service Planning Area.

### **Families**

- 466 unsheltered and sheltered families that consisted of 1,550 persons – 584 adults and 966 children – were counted countywide.
  - Unsheltered: 110 unsheltered families comprised of 396 persons – 152 adults and 244 children
  - Sheltered: 356 sheltered families comprised of 1,550 persons – 582 adults and 966 children
- One-parent families made up 80.1 percent of sheltered families and 61.82 percent of unsheltered families.
- 51 or nearly half (46.36 percent) of the 110 unsheltered families became homeless for the first time during the past 12 months.

- 70 or over half (63.63 percent) of the 110 unsheltered families were living in a vehicle (car, van, truck or recreational vehicle in disrepair).
- Disabling conditions in adults who were members of a family household were much lower than the disabling conditions experienced by all adults encountered during the 2019 Point In Time.
  - 15.41 percent of adults who were members of a family household had a substance use issue compared to 30.63 percent of all adults encountered during the 2019 Point In Time.
  - 13.36 percent of adults who were members of a family household had a mental health issue compared to 28.13 percent of all adults encountered during the 2019 Point In Time.

#### **Transitional Age Youth, Individuals ages 18 to 24**

- 275 transitional age youth were counted as experiencing homelessness countywide.
- 12 percent of transitional age youth are chronically homeless compared to 42.4 percent of all adults experiencing homelessness.
- Nearly half (44.7 percent) of the transitional age youth identified as Hispanic or Latino.

#### **Seniors, Individuals Age 62 and Older**

- 612 sheltered and unsheltered seniors were counted countywide.
- Nearly half (48.86 percent) of the seniors are chronically homeless.
- Approximately one in eight (14.05 percent) of the seniors are veterans.
- Nearly half (43.2 percent) of unsheltered seniors were retired and/or disabled.

#### **Veterans**

- 311 unsheltered and sheltered veterans were counted countywide.
  - Nearly one-third (31.83 percent) were sheltered.
  - More than two-thirds (68.17 percent) were unsheltered.
- Nearly half (46.30 percent) of the veterans identified as experiencing homelessness were chronically homeless.
- Over half (54.66 percent) of sheltered and unsheltered veterans were age 55 and older.

#### **Chronic Homelessness**

- 2,491 sheltered and unsheltered adults are experiencing chronic homelessness.
  - Unsheltered: 1,932 (52.02 percent) of unsheltered adults are experiencing chronic homelessness.
  - Sheltered: 559 (25.81 percent) of sheltered adults are experiencing chronic homelessness. In transitional housing programs only.

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  - Sheltered: 559 (25.81 percent) of sheltered adults are experiencing chronic homelessness. In transitional housing programs only.

#### **Recently Became Homeless**

- 38.2 percent of all unsheltered households became homeless for the first time during the 12 months (January 2018 to January 2019) prior to the 2019 Point In Time.
- 34 of the 85 (40 percent) unsheltered transitional age youth who were surveyed stated that they became homeless for the first time during the past 12 months.

#### **Living in Vehicles**

- Nearly one in five adults surveyed (19.90 percent) were living in a vehicle (car, van, truck or recreational vehicle in disrepair).

### **Shelter Inventory**

- From the 2018 Housing Inventory Chart sheltered count conducted on January 26, 2018, there has been a net increase of 633 beds in Emergency Shelter and Transitional Housing beds. There has been an increase of 675 emergency shelter beds and a decrease of 42 transitional housing beds during this time.

### **Unused Beds**

- On the night of the 2019 Housing Inventory Chart sheltered Point in Time Count was conducted, 738 emergency shelter and transitional housing beds remained vacant.

### **Racial and Ethnic Disparities**

- Blacks or African Americans and Multiple Races are overly represented in Orange County's homeless population. Of the individuals and families experiencing unsheltered homelessness, 8.41 percent are Black or African American and 12.24 percent are Multiple Races. Of the individuals and families experiencing sheltered homelessness, 15.01 percent are Black or African American and 4.10 percent are Multiple Races. According to the U.S. Census Bureau, Blacks or African Americans represent 2.1 percent and Multiple Races only represent 3.5 percent of the Orange County population.
- Hispanic and Latino families experiencing homelessness are over represented in the Orange County's homeless population. Of the families experiencing unsheltered homelessness, 57.07 percent are Hispanic or Latino. Of the families experiencing sheltered homelessness, 49.83 percent are Hispanic or Latino. According to the U.S. Census Bureau, Hispanics and Latinos represent 34.2 percent of the population in Orange County.

### **Community Engagement and Support**

- The County of Orange, all 34 cities in the county and their local law enforcement agencies participated in the 2019 Point In Time.
- 1,167 volunteers including community members, nonprofit organizations, city and county staff supported the implementation of the 2019 Point in Time unsheltered count.

### **Methodology**

- Veterans encountered during the unsheltered count were asked to provide additional personal identifying information, which was used to reconcile with the current Veteran Registry and provide street outreach teams with needed contact and frequent location information for subsequent connection to supportive services and housing resources.
  - Of the 212 unsheltered veterans, 95 provided the additional information to reconcile the Veteran Registry.
- Because Families are often undercounted during a street count canvassing, a family focused effort was implemented with the Family Solutions Collaborative who outreached to unsheltered families on their caseload during the Point in Time Count to be counted at one of several identified service locations.

Once again, the Board meeting was marred by the presence of some homeless advocates who disrupted the meeting, hurled insults from the audience and made vile comments going so far as to accuse the Board of murder for their "slow" response to the homeless issue.



## Latest Poll Shows



Polling throughout the Golden State demonstrably shows that Californians two favorite colors are blue & green.

The latest Poll-California and the Environment was conducted by the Public Policy Institute of California [PPIC]. The poll was conducted between July 14-23 among 1,706 California adults. A survey of this size yields a margin of error of +/- 3.4%.

Would you say that the supply of water is a big problem, somewhat of a problem, or not much of a problem in your part of California?

- 30% big problem
- 27% somewhat of a problem
- 41% not much of a problem
- 1% don't know

Do you think that pollution of drinking water is a more serious health threat in lower-income areas than other areas in your part of California, or not?

- 58% yes
- 30% no
- 11% don't know

Which of the following statements reflects your view of when the effects of global warming will begin to happen— (1) they have already begun to happen; (2) they will start happening within a few years; (3) they will start happening within your lifetime; (4) they will not happen within your lifetime, but they will affect future generations; or (5) they will never happen?

- 63% already begun
- 4% within a few years
- 7% within your lifetime
- 11% not within lifetime, but will affect future generations
- 11% will never happen
- 4% don't know

How serious of a threat is global warming to the economy and quality of life for California's future—do you think that it is a very serious, somewhat serious, not too serious, or not at all serious of a threat?

- 57% very serious
- 22% somewhat serious
- 9% not too serious

10% not at all serious  
2% don't know

Naming a few of the possible impacts of global warming in the future in California, tell me whether you are very concerned, somewhat concerned, not too concerned, or not at all concerned about each one.

How about increased rising sea levels?

42% very concerned  
29% somewhat concerned  
12% not too concerned  
15% not at all concerned  
2% don't know

How about heat waves that are more severe?

49% very concerned  
28% somewhat concerned  
10% not too concerned  
12% not at all concerned  
1% don't know

How about wildfires that are more severe?

71% very concerned  
15% somewhat concerned  
5% not too concerned  
7% not at all concerned  
1% don't know

Do you think that global warming has contributed to California's recent wildfires or not?

63% yes, has contributed  
32% no, has not contributed  
5% don't know

To address global warming, do you favor or oppose the state law that requires California to reduce its greenhouse gas emissions to 40 percent below 1990 levels by the year 2030?

67% favor  
24% oppose  
9% don't know

Do you favor or oppose the state law that requires 100 percent of the state's electricity to come from renewable energy sources by the year 2045?

71% favor  
24% oppose  
6% don't know

Do you favor or oppose the California state government making its own policies, separate from the federal government, to address the issue of global warming?

64% favor  
31% oppose  
5% don't know

When it comes to efforts to fight climate change, how important is it to you that California acts as a leader around the world—very important, somewhat important, not too important, or not important at all?

53% very important  
25% somewhat important  
7% not too important  
14% not important at all  
1% don't know

Do you think that California doing things to reduce global warming in the future would cause gasoline prices at the pump around the state to increase, or to decrease, or wouldn't affect gasoline prices at the pump around the state?

58% increase gasoline prices  
15% decrease gasoline prices  
17% wouldn't affect gasoline prices  
9% don't know

In order to help reduce global warming, would you be willing or not willing to pay more for electricity if it were generated by renewable sources like solar or wind energy?

51% willing  
45% not willing  
4% don't know

Officials in the state and federal governments are discussing ways to address global warming. Please tell me if you favor or oppose the following plans to help reduce greenhouse gas emissions.

How about encouraging local governments to change land use and transportation planning so that people could drive less?

74% favor  
23% oppose  
3% don't know

How about requiring all automakers to further reduce the emissions of greenhouse gases from new cars?

75% favor  
21% oppose  
4% don't know

How much, if anything, have you heard about the state government policy called “cap and trade” that sets limits on greenhouse gas emissions? Have you heard a lot, a little, or nothing at all?

10% a lot  
31% a little  
59% nothing at all  
– don't know

How about allowing more oil drilling off the California coast?

28% favor  
67% oppose  
5% don't know

How about allowing wind power and wave energy projects off the California coast?

72% favor  
19% oppose  
9% don't know

## **More Good News for Democrats**

Orange County, the once fabled bastion of conservative Republicanism is no more. On August 7, 2019, registered Democrat voters in Orange County outnumbered Republicans by 89 registrants. Twice before Democrats held a narrow edge in Orange County, once in the wake of Watergate in the mid-1970's and again briefly in 1979 following a massive voter registration drive. The high-water mark for Republicans came in 1985 when 52.7% of Orange Countians were registered Republican compared to the Democrats share of 36.6%.

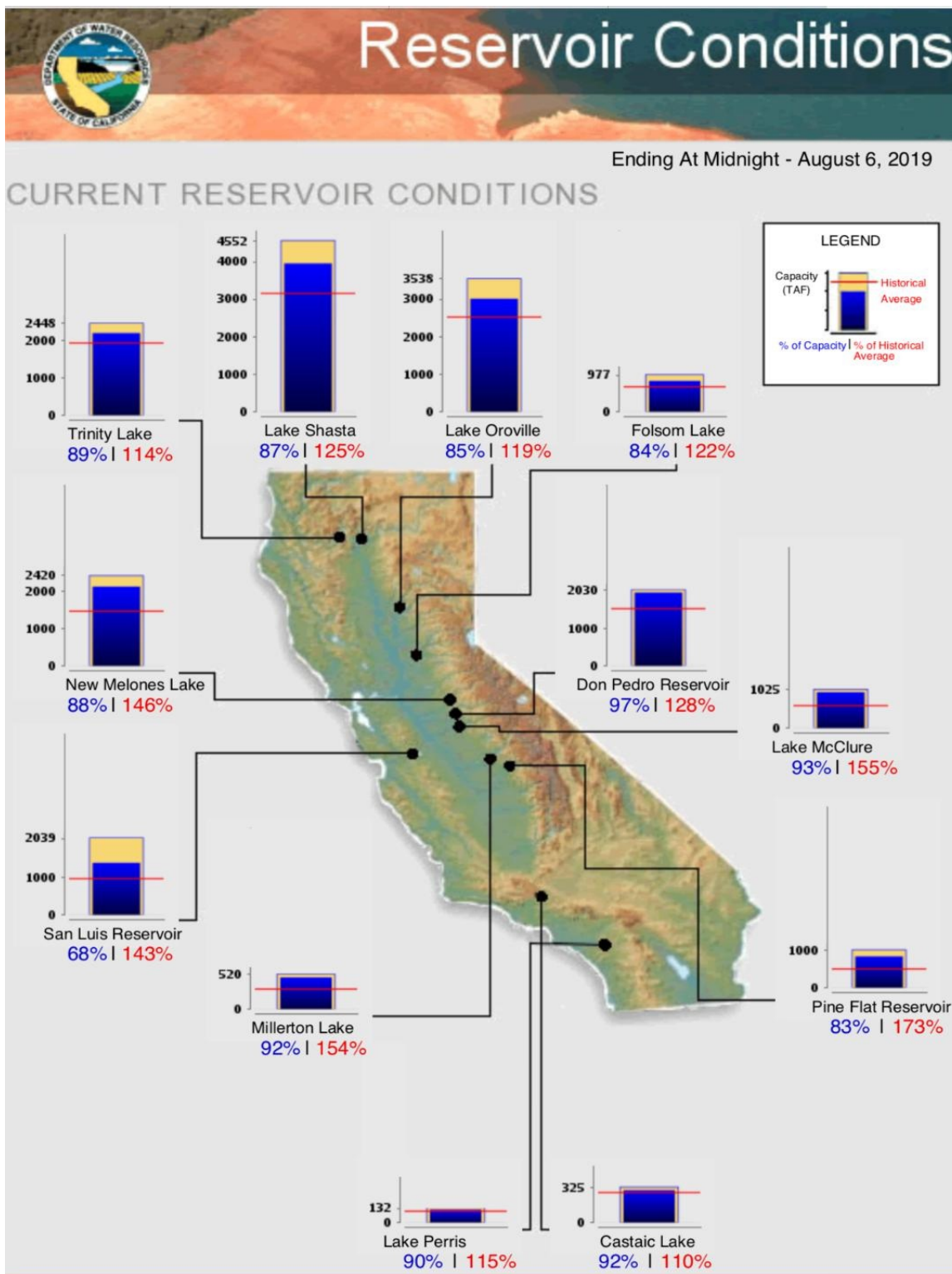
This time there may be no turning back. A combination of demographic shifts, Republican out-migration and younger antithesis toward the Republican party may lock-in Democratic majorities for decades to come.





## California Reservoirs Bountiful Summer

The twelve reservoirs tracked daily by the California Data Exchanged Center [CDEC] showed that all twelve are well above their historical average for this time of year. Leading the way is the Pine Flat reservoir 173% above average. The state's two largest reservoirs, Lake Shasta and Lake Oroville are 125% and 119% respectively of their historical average as well.



# ACKERMAN CONSULTING

## Legal and Regulatory

August 12, 2019

1. **San Diego River Clean Up:** The San Diego Water Board has notified 10 local agencies that they need to clean up the San Diego River. A dramatic increase in human waste from septic tanks, sewer lines in disrepair and homeless folks along the River has put the water shed in trouble where immediate action is required. Noroviruses similar to those found on cruise ships are entering the water systems which can cause massive illnesses. At the same time, San Diego is facing sewage problems from Mexico allowing contaminated storm water and leaky sewer systems to impact San Diego beaches and water systems. Treatment plants are being considered with the EPA stepping up. Funding matches from Mexico are required but not yet secured.
2. **Mussel Die-off Up North:** Bodega Bay is experiencing mass die-offs of local mussels on the shoreline of the North Coast. Increased temperatures, lack of shade and the black shells of many mussels are causing the die-off. This impacts not only the mussel population and all of the food chain above and below the mussel level. The heat spell came at the same time as low tides and little wave action to protect the mussels. The last time this happened was in 2004 where low tides and high temperature created the same conditions. It is estimated that about 30% of the mussel populations was lost.
3. **Lead Pipe Replacement:** Lead pipes are still a problem in many homes, particularly those build before 1951. Denver Water declared this a health crisis and has agreed to replace all lead pipes in impacted homes at no cost to the homeowner. It is estimated that 50,000 to 90,000 homes in the Denver areas will be retrofitted. The cost is about \$5000 per home for a total cost of about \$500 million. It will require a rate increase of about 4%. Some communities have tried putting chemicals in the water to combat the lead, such as orthophosphates. But this procedure can cause more new problems and is not the preferred solution. Other cities around the US are considering similar programs.
4. **Morro Bay Gets Sewer Plant:** After more than a decade of planning and fighting, the Coastal Commission gave final approval to Morro Bay to build a new wastewater treatment and water reclamation facility. The cost is \$124 million. The plant is being built away from the ocean to protect it from storms and other sea conditions. The plan still has opposition from varied groups.
5. **Paradise Water Update:** The few people that still live in Paradise got some good news. Since the fire, none of the residents had usable water service. Some had to spend thousands of dollars to have water tanks installed and hooked up to their houses and then have water delivered every two months for their use. This week, Paradise Irrigation District, cleared many homes to start using water from their system. About 50 homeowners have received notices that their water is safe. PID still faces significant challenges in returning the entire system to safe use in addition to repairing a dam, which is critical to their system.

6. **Central Valley's River Trash:** Trash in the Central Valley's rivers is becoming a huge problem. Shopping carts, normal litter and cars are showing up more often. The issue now who is responsible for cleaning it up. For example, the Kings River runs through three counties, multiple cities and water districts. No one is taking responsibility for clean up while admit something must be done. One group, Kings River Conservancy, is attempting to cure the problem. This group of volunteers is promoting outreach and clean up. They seek financial support from agencies along the River and have had some success.
7. **Friant-Kern Canal Sinking:** The subsidence problem in the San Joaquin Valley is impacting water delivery. As a result of sinking canals, less water can be moved. A Water Blueprint for the San Joaquin Valley is being drafted to offer solutions. One suggestion is to be build another canal parallel to the current one. Changes have to be made soon or the productivity of the region will suffer.
8. **San Diego New Technology:** Contamination of waterways is a problem everywhere. One of the main culprits are PCBs, industrial plant produced particles. While PCBs are not being used anymore, there is still a lot of contamination around airports, airplane manufacturing and industrial sites. NASA working with a private company ecoSPEARS in Florida has developed a product. A series of spikes are placed in the groundwater areas. These spikes attract PCBs. When they are full, they are removed and cleaned and then replaced for the next round. While this concept is still being developed, it seems to be working well. If it proves financially successful, the Port of San Diego will get a percentage of the action.
9. **Water and Wine:** Water use in wine country continues to be a hot topic. Of the 700 wine grape growers in Napa, 97% use irrigation. Water use is high for wine production, about 300 gallons of water per gallon of wine for irrigation and about 4 gallons of water per gallon of wine for bottling. California produces about 90% of all the wine sold in the US. Many wine makers are developing methods to use less water. John Williams, owner of Frogs Leap, is using no water. His location provides him some more water than others do but his major reason is less water produces better quality wine grapes. Many high-end wineries have adopted this procedure. Grape vines that are stressed, forced to survive on less water, produce higher quality grapes and therefore better wine. Wine expansion is now seen going up in the hills and beyond traditional growing areas. Many times this impacts natural water flow, erosion and natures natural growing conditions. There is a movement in Napa to use much less water, be organic farmers and initiate sustainable growing conditions. This may be the new normal as water becomes more scarce and expensive. New monitoring techniques, such as neutron probes, pressure bombs, and surface renewal, allow growers to precisely monitor water levels and usage for the vines.
10. **Fresh/Sea Water Batteries:** Stanford is working on technology to produce energy using freshwater and saltwater. This Blue Energy is created in a battery format by mixing freshwater, in this case wastewater from a Palo Alto treatment plant, with seawater from Half Moon Bay. The process is above the author's science level but creates ions from sodium and chloride, which go back and forth and generate electricity. A cubic meter of freshwater mixed with seawater can produce .65 kilowatts, that would power an average house for 30 minutes. This is still in the test stages but it could produce easy and cheap power. It is being looked at for costal treatment plants, which use lots of electricity and have a supply of both fresh and salt water. Similar concepts are being used

around the world but thus far, Stanford's looks the best. A key ingredient in the batter is Prussian Blue for the electrodes. It is a common material and cheap to produce. Large scale testing is next on the agenda.

11. **Concrete Tide Pools:** The Port of San Diego will begin using concrete tide pools in Harbor Island shoreline in a pilot project. As opposed to traditional shoreline stabilizing methods, they believe this will be more effective and long lasting. It will also provide ecosystems for wildlife, just like natural tide pools. It will also protect against flooding and improve the overall ecology. They will be testing the tide pools every six months to document progress.
12. **Toxic Forever Reporting:** California became the first state in the nation to require water agencies to report on the presence of certain chemicals in the water. This would require the reporting of about 5000 chemical which are known as "forever chemicals" because they do not break down in nature or the body. The opposition states that there is insufficient research on many of these chemicals as to how to test for them and whether or not they are detrimental to health. Two other states have passed laws on two of these chemicals, far short of California's 5000 requirement. Many of these chemicals are already being examined in California near airports, military bases and refineries.

# PAL Committee

Prepared by Best Best & Krieger LLP, July 9, 2019

## A. Priority Support/Oppose

Measure	Author	Topic	Status	Brief Summary	Position	Priority	Notes 1
<a href="#">AB 292</a>	<a href="#">Quirk D</a>	Recycled water: raw water and groundwater augmentation.	7/10/2019-From committee: Do pass and re-refer to Appropriations.	Current law requires the State Water Resources Control Board, on or before December 31, 2023, to adopt uniform water recycling criteria for direct potable reuse through raw water augmentation, as specified. Current law defines “direct potable reuse” and “indirect potable reuse for groundwater recharge” for these purposes. This bill would eliminate the definition of “direct potable reuse” and instead would substitute the term “groundwater augmentation” for “indirect potable reuse for groundwater recharge” in these definitions. The bill would revise the definition of “treated drinking water augmentation.”	Support	A. Priority Support/ Oppose	Set for hearing on Aug. 12th.
<a href="#">AB 402</a>	<a href="#">Quirk D</a>	State Water Resources Control Board: local primacy delegation: funding stabilization program.	7/3/2019-From committee: Do pass and re-refer to Com. on APPR. (Ayes 5. Noes 0.) (July 3). Re-referred to Com. on APPR.	The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health, including, but not limited to, conducting research, studies, and demonstration programs relating to the provision of a dependable, safe supply of drinking water, enforcing the federal Safe Drinking Water Act, adopting implementing regulations, and conducting studies and investigations to assess the quality of water in private domestic water supplies. This bill would authorize the state board to delegate partial responsibility for the act’s administration and enforcement by means of a local primacy delegation agreement. The bill would authorize the state board, for counties that have not been delegated primary responsibility as of January 1, 2020, to offer an opportunity for the county to apply for partial or primary responsibility if the state board	Oppose unless amended	A. Priority Support/ Oppose	Set for hearing the Aug. 12th.

				determines that it needs assistance in performing administrative and enforcement activities, as specified.			
<a href="#">AB 756</a>	<a href="#">Garcia, Cristina</a> D	Public water systems: perfluoroalkyl substances and polyfluoroalkyl substances.	Chaptered	Would authorize the State Water Resources Control Board to order a public water system to monitor for perfluoroalkyl substances and polyfluoroalkyl substances. The bill would require a community water system or a nontransient noncommunity water system, upon a detection of these substances, to report that detection, as specified. The bill would require a community water system or a nontransient noncommunity water system where a detected level of these substances exceeds the response level to take a water source where the detected levels exceed the response level out of use or provide a prescribed public notification.	Watch	A. Priority Support/ Oppose	
<a href="#">ACA 3</a>	<a href="#">Mathis</a> R	Clean Water for All Act.	4/30/2019-In committee: Set, first hearing. Failed passage. Reconsideration granted.	This measure, the Clean Water for All Act, would additionally require, commencing with the 2021–22 fiscal year, not less than 2% of specified state revenues to be set apart for the payment of principal and interest on bonds authorized pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014; water supply, delivery, and quality projects administered by the department, and water quality projects administered by the state board, as provided.	Out for Analysis	A. Priority Support/ Oppose	
<a href="#">SB 134</a>	<a href="#">Hertzberg</a> D	Water conservation: water losses: enforcement.	6/18/2019-From committee: Do pass and re-refer to Com. on APPR. (Ayes 12. Noes 0.) (June 18). Re-referred to Com. on APPR.	Current law requires the State Water Resources Control Board, no earlier than January 1, 2019, and no later than July 1, 2020, to adopt rules requiring urban retail water suppliers to meet performance standards for the volume of water losses. This bill would prohibit the board from issuing an information order, written notice, or conservation order to an urban retail water supplier that does not meet its urban water use objective if the board determines the urban retail water supplier is not meeting its urban water use objective solely because the volume of water loss exceeds the urban retail water supplier's standard for water loss and the board is taking enforcement action against the urban retail water supplier for not	Support	A. Priority Support/ Oppose	

				meeting the performance standards for the volume of water losses.			
<a href="#">SB 200</a>	<a href="#">Monning</a> D	Drinking water.	Chaptered	Would establish the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and the long terms. The bill would authorize the State Water Resources Control Board to provide for the deposit into the fund of certain moneys and would continuously appropriate the moneys in the fund to the state board for grants, loans, contracts, or services to assist eligible recipients.	Watch	A. Priority Support/ Oppose	
<a href="#">SB 204</a>	<a href="#">Dodd</a> D	State Water Project: contracts.	6/24/2019-July 2 hearing postponed by committee.	Would require the Department of Water Resources to provide at least 10 days' notice to the Joint Legislative Budget Committee and relevant policy and fiscal committees of the Legislature before holding public sessions to negotiate any potential amendment of a long-term water supply contract that is of projectwide significance with substantially similar terms intended to be offered to all contractors. The bill would require the department, before the execution of a specified proposed amendment to a long-term water supply contract and at least 60 days before final approval of such an amendment, to submit to the Joint Legislative Budget Committee and relevant policy and fiscal committees of the Legislature certain information regarding the terms and conditions of a proposed amendment of a long-term water supply contract and to submit a copy of the long-term contract as it is proposed to be amended.	Watch	A. Priority Support/ Oppose	Amended to remove mandatory hearings
<a href="#">SB 205</a>	<a href="#">Hertzberg</a> D	Business licenses: stormwater discharge compliance.	7/1/2019-From committee with author's amendments. Read second time and amended. Re-referred to Com. on L. GOV.	Would require, when applying to a city or a county for an initial business license or business license renewal, a person who conducts a business operation that is a regulated industry to demonstrate enrollment with the NPDES permit program by providing specified information, under penalty of perjury, on the application, including, among other things, the Standard Industrial Classification Code for the business. The bill would apply to all applications for initial	Watch	A. Priority Support/ Oppose	



				business licenses and business license renewals submitted on and after January 1, 2020.			
<a href="#">SB 307</a>	<a href="#">Roth D</a>	Water conveyance: use of facility with unused capacity.	Chaptered	Current law prohibits the state or a regional or local public agency from denying a bona fide transferor of water from using a water conveyance facility that has unused capacity for the period of time for which that capacity is available, if fair compensation is paid for that use and other requirements are met. This bill would, notwithstanding that provision, prohibit a transferor of water from using a water conveyance facility that has unused capacity to transfer water from a groundwater basin underlying desert lands, as defined, that is in the vicinity of specified federal lands or state lands to outside of the groundwater basin unless the State Lands Commission, in consultation with the Department of Fish and Wildlife and the Department of Water Resources, finds that the transfer of the water will not adversely affect the natural or cultural resources of those federal or state lands, as provided.	Opposition	A. Priority Support/ Oppose	
<a href="#">SB 414</a>	<a href="#">Caballero D</a>	Small System Water Authority Act of 2019.	7/11/2019-From committee: Do pass and re-refer to Appropriations.	Would create the Small System Water Authority Act of 2019 and state legislative findings and declarations relating to authorizing the creation of small system water authorities that will have powers to absorb, improve, and competently operate noncompliant public water systems. The bill, no later than March 1, 2020, would require the state board to provide written notice to cure to all public agencies, private water companies, or mutual water companies that operate a public water system that has either less than 3,000 service connections or that serves less than 10,000 people, and are not in compliance, for the period from July 1, 2018, through December 31, 2019, with one or more state or federal primary drinking water standard maximum contaminant levels, as specified.	Support	A. Priority Support/ Oppose	

## B. Watch

Measure	Author	Topic	Status	Brief Summary	Position	Priority	Notes 1
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<a href="#">AB 405</a>	<a href="#">Rubio, Blanca</a> D	Sales and use taxes: exemption: water treatment.	5/16/2019-Joint Rule 62(a), file notice suspended. In committee: Held under submission.	Would, on and after January 1, 2020, and before January 1, 2025, exempt from that Sales and Use Tax the gross receipts from the sale in this state of, and the storage, use, or other consumption in this state of, chemicals used by a city, county, public utility, and sanitation district to treat water, recycled water, or wastewater regardless of whether those chemicals or other agents become a component part thereof and regardless of whether the treatment takes place before or after the delivery to consumers.	Watch	B. Watch	
<a href="#">AB 441</a>	<a href="#">Eggman</a> D	Water: underground storage.	5/17/2019-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/24/2019)(May be acted upon Jan 2020)	Under current law, the right to water or to the use of water is limited to that amount of water that may be reasonably required for the beneficial use to be served. Current law provides for the reversion of water rights to which a person is entitled when the person fails to beneficially use the water for a period of 5 years. Current law declares that the storing of water underground, and related diversions for that purpose, constitute a beneficial use of water if the stored water is thereafter applied to the beneficial purposes for which the appropriation for storage was made. This bill would instead provide that any diversion of water to underground storage constitutes a diversion of water for beneficial use for which an appropriation may be made if the diverted water is put to beneficial use, as specified.	Watch	B. Watch	
<a href="#">AB 591</a>	<a href="#">Garcia, Cristina</a> D	Central Basin Municipal Water District: board of directors.	7/8/2019-Senate amendments concurred in. To Engrossing and Enrolling.	The Municipal Water District Law of 1911 provides for the formation of municipal water districts and grants to those districts specified powers. Current law permits a district to acquire, control, distribute, store, spread, sink, treat, purify, recycle, recapture, and salvage any water for the beneficial use of the district, its inhabitants, or the owners of rights to water in the district. Current law requires the board of directors of the Central Basin Municipal Water District to be composed of 8 directors until the directors elected at the November 8, 2022, election take office, when the board would be composed of 7 directors, as prescribed. Current law requires the 3 directors appointed by the water purveyors, as specified, to live or work within	Watch	B. Watch	

				the district and requires the term of an appointed director to be terminated if the appointed director no longer is employed by or a representative of the appointing entity. This bill would define representative for these purposes to be a consultant to or contractor of an entity, or a governing board member of a mutual water company.			
<a href="#">AB 636</a>	<a href="#">Gray D</a>	State Water Resources Control Board: water quality objectives.	4/26/2019-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on 3/14/2019)(May be acted upon Jan 2020)	Would prohibit the State Water Resources Control Board from implementing water quality objectives for which the state board makes a certain finding relating to environmental quality until it has submitted the water quality objectives and a statement of that finding to the appropriate policy committees of the Legislature and each committee has held a hearing on these matters.	Watch	B. Watch	
<a href="#">AB 637</a>	<a href="#">Gray D</a>	State Water Resources Control Board: disadvantaged communities: drinking water.	5/17/2019-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/1/2019)(May be acted upon Jan 2020)	Would require the State Water Resources Control Board, before taking an action that significantly impacts drinking water, to use existing information to identify impacted disadvantaged communities and to seek to reduce impacts to those communities to the greatest extent practicable. The bill would also require the board to ensure that disadvantaged communities are provided an opportunity to participate in the public process for a decision that significantly impacts drinking water by holding a public hearing in or near an impacted community.	Watch	B. Watch	
<a href="#">AB 638</a>	<a href="#">Gray D</a>	Department of Water Resources: water storage: climate change impacts.	6/19/2019-Re-referred to Com. on N.R. & W.	Would require the Department of Water Resources, on or before December 31, 2023, with updates every 5 years thereafter, to identify water storage facilities vulnerable to climate change impacts and the mitigation strategies for anticipated adverse impacts, as provided. The bill would require the department to publish this information on the department's publicly available internet website and to provide a copy of the information to the appropriate policy committees of the Legislature. The bill would require the department, subject to an appropriation, to mitigate, or make grants available for the mitigation of, adverse impacts to water storage facilities caused by	Watch	B. Watch	

				climate change, as specified.			
<a href="#">AB 658</a>	<a href="#">Arambula D</a>	Water rights: water management.	6/28/2019-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on N.R. & W.	Would authorize a groundwater sustainability agency or local agency to apply for, and the State Water Resources Control Board to issue, a conditional temporary permit for diversion of surface water to underground storage for beneficial use that advances the sustainability goal of a groundwater basin, as specified.	Watch	B. Watch	
<a href="#">AB 841</a>	<a href="#">Ting D</a>	Drinking water: contaminants: perfluoroalkyl and polyfluoroalkyl substances.	6/19/2019-In committee: Hearing postponed by committee.	Would require the Office of Environmental Health Hazard Assessment to adopt and complete a work plan within prescribed timeframes to assess which substances in the class of perfluoroalkyl and polyfluoroalkyl substances should be identified as a potential risk to human health, as provided. The bill would require the office, as part of those assessments, to determine which of the substances are appropriate candidates for notification levels to be adopted by the state board. The bill would require the Office of Environmental Health Hazard Assessment, by January 1, 2022, to provide to the Legislature an update on the assessment.	Watch	B. Watch	Not moving.
<a href="#">AB 955</a>	<a href="#">Gipson D</a>	Water replenishment districts: water system needs assessment program.	6/20/2019-From committee: Do pass and re-refer to Com. on N.R. & W. (Ayes 6. Noes 0.) (June 19). Re-referred to Com. on N.R. & W.	Would require a water replenishment district to offer to conduct a needs assessment program for water systems serving disadvantaged communities within the district, as specified. The bill would make a water system's participation in the program voluntary. The bill would require the district, upon completion of the needs assessment, to develop and evaluate options to address the findings and recommendations in the needs assessment and prepare an implementation plan for recommendation to the water system.	Watch	B. Watch	
<a href="#">AB 1204</a>	<a href="#">Rubio, Blanca D</a>	Public water systems: primary drinking water standards: implementation date.	4/26/2019-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on 3/11/2019)(May be acted upon Jan 2020)	Would require the adoption or amendment of a primary drinking water standard for a contaminant in drinking water not regulated by a federal primary drinking water standard or that is more stringent than a federal primary drinking water standard to take effect 3 years after the date on which the state board adopts or amends the primary drinking water standard. The bill would authorize the state board to delay the effective date of the primary drinking water standard adoption or amendment	Watch	B. Watch	

				by no more than 2 additional years as necessary for capital improvements to comply with a maximum contaminant level or treatment technique.			
<a href="#">AB 1220</a>	<a href="#">Garcia, Cristina</a> D	Metropolitan water districts.	7/5/2019-Enrolled and presented to the Governor at 3 p.m.	Under the Metropolitan Water District Act, the board of a metropolitan water district is required to consist of at least one representative from each member public agency, as prescribed. The act authorizes each member public agency to appoint additional representatives not exceeding one additional representative for each 5% of the assessed valuation of property taxable for district purposes within the entire district that is within the boundaries of that member public agency. This bill would prohibit a member public agency from having fewer than the number of representatives it had as of January 1, 2019.	Out for Analysis	B. Watch	
<a href="#">AB 1414</a>	<a href="#">Friedman</a> D	Urban retail water suppliers: reporting.	6/25/2019-Read second time. Ordered to third reading.	Would require each urban retail water supplier to submit a completed and validated water loss audit report as prescribed by the Department of Water Resources on or before October 1 of each year until October 1, 2023, if reporting on a calendar year basis and on or before January 1 of each year until January 1, 2024, if reporting on a fiscal year basis. The bill would require on or before January 1, 2024, and on or before January 1 of each year thereafter, each urban retail water supplier to submit a completed and validated water loss audit report for the previous calendar year or previous fiscal year as part of an existing report relating to its urban water use.	Watch	B. Watch	
<a href="#">AB 1588</a>	<a href="#">Gloria</a> D	Drinking water and wastewater operator certification programs.	6/25/2019-Read second time and amended. Re-referred to Com. on V.A.	Current law requires the State Water Resources Control Board to issue a water treatment operator certificate and water distribution operator certificate by reciprocity to any person holding a valid, unexpired, comparable certification issued by another state, the United States, prescribed territories or tribal governments, or a unit of any of these. Current law requires the board to classify types of wastewater treatment plants for the purpose of determining the levels of competence necessary to operate them. This bill would require the board to evaluate opportunities to	Watch	B. Watch	

				issue a water treatment operator certificate or water distribution operator certificate by reciprocity, or a wastewater certificate by examination waiver, to persons who performed duties comparable to those duties while serving in the United States military, as specified.			
<a href="#">SB 1</a>	<a href="#">Atkins</a> D	California Environmental, Public Health, and Workers Defense Act of 2019.	7/8/2019-From committee: Do pass and re-refer to Appropriations.	Current state law regulates the discharge of air pollutants into the atmosphere. The Porter-Cologne Water Quality Control Act regulates the discharge of pollutants into the waters of the state. The California Safe Drinking Water Act establishes standards for drinking water and regulates drinking water systems. The California Endangered Species Act requires the Fish and Game Commission to establish a list of endangered species and a list of threatened species, and generally prohibits the taking of those species. This bill would require specified agencies to take prescribed actions regarding certain federal requirements and standards pertaining to air, water, and protected species, as specified.	Watch	B. Watch	
<a href="#">SB 19</a>	<a href="#">Dodd</a> D	Water resources: stream gages.	7/3/2019-July 3 set for first hearing. Placed on APPR. suspense file.	Would require the Department of Water Resources and the State Water Resources Control Board, upon an appropriation of funds by the Legislature, to develop a plan to deploy a network of stream gages that includes a determination of funding needs and opportunities for modernizing and reactivating existing gages and deploying new gages, as specified. The bill would require the department and the board, in consultation with the Department of Fish and Wildlife, the Department of Conservation, the Central Valley Flood Protection Board, interested stakeholders, and, to the extent they wish to consult, local agencies, to develop the plan to address significant gaps in information necessary for water management and the conservation of freshwater species.	Out for Analysis	B. Watch	
<a href="#">SB 45</a>	<a href="#">Allen</a> D	Wildfire, Drought, and Flood Protection Bond Act of 2020.	5/1/2019-May 6 set for first hearing canceled at the request of author.	Would enact the Wildfire, Drought, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$4,300,000,000	Out for Analysis	B. Watch	Not moving.

				pursuant to the State General Obligation Bond Law to finance projects to restore fire damaged areas, reduce wildfire risk, create healthy forest and watersheds, reduce climate impacts on urban areas and vulnerable populations, protect water supply and water quality, protect rivers, lakes, and streams, reduce flood risk, protect fish and wildlife from climate impacts, improve climate resilience of agricultural lands, and protect coastal lands and resources.			
<b>Total Measures: 26</b>							
<b>Total Tracking Forms: 26</b>							



**ACTION ITEM**  
August 21, 2019

**TO: Public Affairs and Legislation Committee**  
(Directors Dick, Thomas and McVicker)

**FROM: Robert Hunter, General Manager**

Staff Contact: Heather Baez

**SUBJECT: TRAVEL TO WASHINGTON D.C. TO COVER FEDERAL ADVOCACY ISSUES**

**STAFF RECOMMENDATION**

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Staff recommends the Board of Directors review the travel expenses and ratify as reported.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**REPORT**

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**DIRECTORS**

For the fourth quarter (April-June 2019) of fiscal year 2018-2019, zero trips were taken.

The following was budgeted for fiscal year 2018/2019 for **directors**:

Washington D.C. Legislative Budget Travel - \$10,800, 6 trips

- Total cost for this quarter: \$0
- Year-to-date spent: \$4,216.72

<b>Budgeted (Y/N): Y</b>	Budgeted amount: Directors - \$10,800 Staff - \$10,800	Core X	Choice ____
<b>Action item amount: None</b>	Line item: 11-7155 12-7150		
<b>Fiscal Impact (explain if unbudgeted):</b>			

- Budget remaining: \$6,583.28

Projecting for the first quarter of fiscal year 2019-2020, no trips are scheduled.

### STAFF

For the fourth quarter (April-June 2019) of fiscal year 2018-2019, no trips were taken:

The following was budgeted for fiscal year 2018/2019 for **staff**:

Washington D.C. Legislative Travel - \$10,800, 6 trips

- Total cost for this quarter: \$0
- Year-to-date spent: \$3,832.91
- Budget remaining: \$6,967.09

Projecting for the first quarter of fiscal year 2019-2020, no trips are scheduled.

The focus of the trips this fiscal year will be on the importance of the CA WaterFix (federal permits and funding), funding opportunities for local and regional projects, long term conservation and tax parity water rebate issues (turf removal program, et al.), and visits to representative's offices to update them on issues of importance to MWDOC and its member agencies.





**ACTION ITEM**  
August 21, 2019

**TO: Public Affairs and Legislation Committee**  
(Directors Dick, Thomas and McVicker)

**FROM: Robert Hunter, General Manager**

Staff Contact: Heather Baez

**SUBJECT: TRAVEL TO SACRAMENTO TO COVER STATE ADVOCACY ISSUES**

**STAFF RECOMMENDATION**

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Staff recommends the Board of Directors review the travel expenses and ratify as reported.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**REPORT**

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**DIRECTORS**

For the fourth quarter (April-June 2019) of fiscal year 2018-2019, zero trips were taken:

The following was budgeted for fiscal year 2018/2019 for **directors**:

Sacramento Legislative Budget Travel - \$4,600, 8 trips

- Total cost for this quarter: \$0
- Year-to-date spent: \$324.91
- Budget remaining: \$3,675.09

<b>Budgeted (Y/N):</b> Yes	Budgeted amount: \$4,600 – Directors \$9,500 – Staff	Core X	Choice ____
<b>Action item amount:</b> None	Line item: 11-7155 12-7150		
<b>Fiscal Impact (explain if unbudgeted):</b>			

Projecting for the first quarter of fiscal year 2019-2020, no trips have been scheduled.

### STAFF

For the fourth quarter (April-June 2019) of fiscal year 2018-2019, four trips were taken:

- April 5 – Heather Baez
- April 26 – Heather Baez
- May 17 – Heather Baez
- June 14 – Heather Baez

The following was budgeted for fiscal year 2018/2019 for **staff**:

Sacramento Legislative Travel - \$9,500, 18 trips

- Total cost for this quarter: \$1,534.35
- Year-to-date spent: \$10,506.20
- Budget remaining: (\$1,006.20)

Projecting out for the first quarter of fiscal year 2019-2020, one trip has been scheduled:.

- August 23 – Heather Baez

The focus of the trips are safe drinking water (i.e. “water tax” and alternative proposals), AB 401 (Low Income Rate Assistance program for water) implementation, California Water Plan implementation, California WaterFix and EcoRestore oversight, and State Water Resources Control Board meetings.



**ACTION ITEM**  
August 21, 2019

**TO:** Board of Directors

**FROM:** **Public Affairs & Legislation Committee**  
(Directors Dick, Thomas, McVicker)

Robert Hunter  
General Manager

Staff Contact: Tiffany Baca

**SUBJECT: Recommendation for Sponsorship of Maven's Notebook**

**STAFF RECOMMENDATION**

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Staff recommends the Board of Directors authorize a sponsorship of Maven's Notebook at a cost of \$2500.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**SUMMARY**

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*Maven's Notebook* is a valuable online resource dedicated to California water topics. The daily publication - produced by Chris Austin (The Maven) - offers unbiased reporting on California water supply and demand, legislation and policy, infrastructure, storage, and more. Since 2012, *Maven's Notebook* has covered important and timely matters that include the California WaterFix, the Oroville Dam Spillway, and State Water Resources Control Board issues to name a few.

Additionally, *Maven's Notebook* provides original coverage of meetings and conferences, and supplies other informational items gathered from reliable sources on the web. These sources include newspaper articles, editorials, commentaries, blogs, press releases, legal analyses, reports, and scientific research. Depended on by California water leaders, *Maven's Notebook* relies on public support to fund its reporting. Metropolitan Water District of Southern California is a Platinum Sponsor, Laguna Beach County Water District is a Silver Sponsor, and Association of California Water Agencies, Mesa Water, Santa Margarita Water District, and Santa Ana Watershed Project Authority are Bronze Sponsors to name a few.

Budgeted (Y/N): Y	Budgeted amount: \$2500	Core __	Choice __
Action item amount: \$2500		Line item: 32-7670	
Fiscal Impact (explain if unbudgeted):			

## DETAILED REPORT

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Free to 4,000 subscribers, *Maven's Notebook* provides the following benefits six days a week:

- Breaking news alerts
- Information and complete reports on major planning and regulatory efforts
- Updates on state and federal agency activities
- Verbatim quotes from authorities involved in water debate
- Monthly calendars providing comprehensive information on water related conferences, legislative hearings, workshops, and seminars held throughout California

As a Gold sponsor of *Maven's Notebook*, MWDOC will receive daily emails to staff, weekly newsletters, and unlimited access to Maven's California Water Library, an expertly curated "reservoir" of documents, images, and maps related to California water. MWDOC will also receive unlimited access to the online calendar of water-focused events throughout the state, and logo recognition on MavensNotebook.com. The MWDOC logo will link directly to [www.mwdoc.com](http://www.mwdoc.com) and will be accessible to nearly 15,000 monthly visitors. MWDOC's support of *Maven's Notebook* will also be visible to a significant social media audience of an estimated 9,000 *Maven's Notebook* followers.



**INFORMATION ITEM**

August 12, 2019

**TO: Public Affairs & Legislation Committee**  
(Directors Dick, Thomas, McVicker)

**FROM: Robert Hunter, General Manager**

**SUBJECT: MWDOC'S HOSTING OF DELTA STEWARDSHIP MEETING ON  
SEPTEMBER 26, 2019**

**STAFF RECOMMENDATION**

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Staff recommends the Public Affairs & Legislation Committee: Receive and file the information.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**SUMMARY**

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The Delta Stewardship Council was created to advance the state's coequal goals for the Delta - a more reliable statewide water supply and a healthy and protected ecosystem, both achieved in a manner that protects and enhances the unique characteristics of the Delta as an evolving place. Perhaps the Council's most important and challenging role is the facilitation, coordination, and integration of a range of actions and policies in support of the coequal goals. Implementing the Delta Plan occurs through the Council's leadership of the Delta Plan Interagency Implementation Committee, ongoing staff-to-staff agency coordination, development of science to support the Delta Plan and related activities, and use of the Council's regulatory authority over covered plans, programs and/or projects that must be consistent with the Delta Plan.

The Council meets monthly, and MWDOC has volunteered to host the September 26, 2019 meeting. Due to the unavailability of MWDOC's Boardroom, various venues for hosting the meeting are being explored; locations under consideration are those close to District facilities, as a tour of OCWD's Groundwater Replenishment System was requested by the Council.

<b>Budgeted (Y/N):</b>	Budgeted amount:	Core __	Choice __
<b>Action item amount:</b>	Line item:		
<b>Fiscal Impact (explain if unbudgeted):</b>			



**INFORMATION ITEM**

August 12, 2019

**TO: Public Affairs and Legislation Committee**  
(Directors Dick, Thomas and McVicker)

**FROM: Robert Hunter, General Manager**

Staff Contact: Heather Baez

**SUBJECT: UPATE REGARDING THE LOCAL AGENCY FORMATION COMMISSION  
(LAFCO) MUNICIPAL SERVICE REVIEWS**

**STAFF RECOMMENDATION**

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Staff recommends the Public Affairs and Legislation Committee receive and file the report.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**BACKGROUND**

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The Orange County Local Agency Formation Commission (LAFCO) is required to conduct Municipal Service Reviews (MSRs) in conjunction with Sphere of Influence updates for all cities and special districts located within the County of Orange. Since 2000, the state legislature has mandated MSRs, as a means to require LAFCOs to look at future growth and how local/regional agencies are planning for that growth over the next 15 to 20 years.

MSRs are conducted once every five years, and they address the following six "Determination Areas" on how a public agency provides its services:

<b>Budgeted (Y/N):</b> n/a	<b>Budgeted amount:</b> n/a	<b>Core X</b>	<b>Choice</b> __
<b>Action item amount:</b> None		Line item:	
<b>Fiscal Impact (explain if unbudgeted):</b>			

Determination Area	Focus Points of Determination Area
1. Growth and population service impacts	How will Orange County's demographics change over next 10 to 20 years and what will be the impacts to service systems?
2. Present and planned capacity of public facilities	Do public facilities meet the physical demands and needs of the current population? Are there plans in place to address the adequacy of public facilities for future growth in population?
3. Infrastructure needs or deficiencies	What are the needs and deficiencies of Orange County's service systems?
4. Cost of providing public services	Can agencies fiscally maintain adequate level of services for the existing and future service population?
5. Existing and potential opportunities for shared facilities and services	Do opportunities exist for resources to be shared among providers to reduce costs and improve efficiencies? Are there best practice models involving the sharing of resources?
6. Accountability for community service needs	Do agencies support operational efficiencies and foster local accountability, transparency, and public engagement for the communities they serve?

Orange County LAFCO's vision in preparing MSRs has been to focus on how an agency has improved efficiency and quality of public service; cooperative planning; opportunities for shared services; and implementation of best practices.

This MSR cycle for the five-year period from 2018 to 2022, started with stakeholder input in the forms of six regional meetings with cities and smaller special districts to identify common issues related to growth, services, finance, infrastructure, and other challenges.

In February 2018, MWDOC staff met with Carolyn Emery, Executive Officer, and Debra Kurita, Assistant Executive Officer, of Orange County LAFCO. Ms. Emery provided a conceptual overview of this upcoming MSR process along with Commission's objectives, which she identified as making these reports valuable and informative to the public and stakeholders. Ms. Emery stated that the process of starting the MSRs, in particular MWDOC's MSR, would commence in 2019.

## REPORT

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Last month on July 16, MWDOC staff met with Carolyn Emery, Executive Officer, and Gavin Centeno, Policy Analyst, of Orange County LAFCO to review the MSR development timeline, list of items LAFCO will need from MWDOC, and expectations of the MSR determinations. Whereas the last two cycles were reconfirming the first cycle MSR conducted in 2006, this round will be more detailed and will focus on:

- Shared services opportunities and the sustainability of agencies regarding provision of municipal services
- Updating and use of the Commission's current fiscal trends and shared services web-based programs to review the efficient delivery of services
  - The fiscal trends program uses a set of indicators that focuses on agencies' sustainability that may include a review of areas, such as reserves, pension liability, and agency financial audits
- Collection of data will include agency's budget, audited financial statements and other financial documents
- MSR determinations will also include agency transparency and accountability, financial ability and health to provide services, and shared services opportunities that result in more efficiency and cost effectiveness

Orange County LAFCO presented the following timeline:

**Municipal Water District of Orange County  
MSR Timeline**

August-September 2019	Collection of Data
September-December 2019	Stakeholder Discussion
January-February 2020	Identification of areas of opportunities
March 2020	Draft MSR
May 2020	Final MSR to Commission

MWDOC staff will be working closely with Orange County LAFCO staff to provide the requested data, engage in the stakeholder discussions, and provide feedback to the draft MSR when it becomes available.





**INFORMATION ITEM**

August 12, 2019

**TO:**           **Public Affairs & Legislation Committee**  
(Directors Dick, Thomas, McVicker)

**FROM:**       **Robert Hunter, General Manager**

Staff Contact: Damon Micalizzi

**SUBJECT:**   **September 5, 2019 Water Policy Forum & Dinner**

**STAFF RECOMMENDATION**

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Staff recommends the Public Affairs & Legislation Committee: Receive and file the report.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**REPORT**

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William Bourdeau, Executive Vice President at Harris Ranch Inc. and Board Member at Westlands Water District is confirmed as the keynote speaker for MWDOC's upcoming Water Policy Forum & Dinner, to be held on Thursday, September 5<sup>th</sup> at the Westin in Costa Mesa.

This is the second installment of our 2019 Speakers Series focusing on water supply in California's three unique water regions, Northern, Central, and Southern California. Each region has distinct challenges and opportunities, and all effect our local water supplies here in Orange County.

This forum will take a look at issues and challenges facing the Central Valley. Westlands receives water from two sources, the federal Central Valley Project and local groundwater. Over 700 family-owned farms that produce an average of \$4.5 billion in goods and services each year. However, a number of ever-looming conditions continue to threaten or cutoff these supplies. If the inevitable were to happen, the devastating economic, environmental, and social effects would be felt around the world.

<b>Budgeted (Y/N):</b>	Budgeted amount:	Core __	Choice __
<b>Action item amount:</b>	Line item:		
<b>Fiscal Impact (explain if unbudgeted):</b>			



**INFORMATION ITEM**

August 12, 2019

**TO:** Board of Directors

**FROM:** **Public Affairs Legislative Committee**  
(Directors Dick, Thomas & McVicker)

Robert Hunter  
General Manager

Staff Contact: Damon Micalizzi

**SUBJECT: 2019 OC WATER SUMMIT FINANCIAL RECAP**

**STAFF RECOMMENDATION**

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Staff recommends the Board of Directors receive and file.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**REPORT**

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More than 300 people attended the 2019 OC Water Summit, held at the Grand Californian Hotel at the Disneyland Resort on May 31. More than 330 registered, but 27 cancelled or were no shows, leaving final attendance at 303.

OCWD was the lead agency for this year's event. Preliminary numbers show a net loss of \$7224.91. This is mostly a result of lower attendance and an increase in costs for food and beverage compared to years past. At the July 29<sup>th</sup>, OC Water Summit Committee Meeting, the Committee discussed increasing efforts to attract more sponsors for next year's Summit, to help the event stay in the black.

Videos of the Summit have been uploaded to YouTube and are linked on the Summit website, [www.ocwatersummit.com](http://www.ocwatersummit.com) and have been posted to social media. Photos are on the Summit Facebook page.

The next OC Water Summit Committee Meeting, chaired by Director Thomas for MWDOC, is August 26<sup>th</sup>. MWDOC is the lead agency for the 2020 event which will be held Friday, May 29<sup>th</sup> at the Disneyland Grand Californian Hotel.

<b>Budgeted (Y/N):</b> n/a	Budgeted amount: n/a	Core X	Choice
<b>Action item amount:</b> None	Line item:		
<b>Fiscal Impact (explain if unbudgeted):</b>			

O.C. Water Summit Budget				2019 Preliminary	2018	2017
<b>Income:</b>						
Registration				\$ 13,720.00	\$ 19,850.00	\$ 21,360.00
Sponsorship				\$ 51,800.00	\$ 50,850.00	\$ 52,800.00
<b>Total Income:</b>				<b>\$ 65,520.00</b>	<b>\$ 70,700.00</b>	<b>\$ 74,160.00</b>
<b>Expenses:</b>						
Food & beverage (including service fee and taxes)				\$ 42,644.98	\$ 39,277.36	\$ 32,923.17
A/V service (including service charge and taxes)				\$ 15,135.54	\$ 21,229.98	\$ 11,660.19
Disney event services (including service charge and taxes)				\$ -	\$ 634.40	\$ -
Speaker/staff hotel rooms (including service fee and taxes)				\$ 6,446.97	\$ 5,840.64	\$ 8,282.40
Hotel parking				\$ 2,076.79	\$ 1,740.00	\$ 1,580.00
Speaker travel fees				\$ 1,866.36	\$ 2,833.23	\$ 3,579.27
Speaker gifts				\$ -	\$ -	\$ -
Speaker dinner				\$ 1,175.32	<i>included in supplies</i>	<i>included in travel</i>
Radios				\$ 152.25	\$ 195.75	\$ 182.70
Program printing				\$ 1,305.00	\$ 1,277.81	\$ 2,429.21
Nametag inserts, badge holders, envelopes, & meal ticket stock				\$ 74.25	\$ 504.22	\$ -
In house printing & postage						
PayPal fees				\$ 856.48	\$ 1,017.27	\$ 905.79
Shuttle				\$ 837.50	<i>in kind</i>	<i>in kind</i>
Misc supplies				\$ 173.47	\$ 1,657.16	\$ 235.70
<b>Total Expenses:</b>				<b>\$ 72,744.91</b>	<b>\$ 76,207.82</b>	<b>\$ 61,778.43</b>

# INSPECTION TRIP SCHEDULE 2019 - 2020

PROJECT/EVENT	TOUR DATES FOR 2019-20 SEASON	
CONFIRMATION RECEIVED	TBD	

## METROPOLITAN DIRECTOR

DIRECTOR LINDA ACKERMAN	STARTING	ENDING	NOTES	TOUR GUIDE	MWDOC STAFF
STATE WATER PROJECT	10.18.2019	10.19.2019			MELISSA/HEATHER
COLORADO RIVER AQUEDUCT	1.10.2020	1.11.2020	W/ DIR. RECORD	BART GARCIA	MELISSA/HEATHER

DIRECTOR BRETT BARBRE	STARTING	ENDING	NOTES	TOUR GUIDE	MWDOC STAFF
STATE WATER PROJECT/AG	11.8.2019	11.10.2019		JASON ROLLO	TIFFANY
COLORADO RIVER/HOOVER	9.27.2019	9.29.2019		JASON ROLLO	TIFFANY
INFRASTRUCTURE	12.6.2019	12.6.2019		JASON ROLLO	BRYCE

DIRECTOR LARRY DICK	STARTING	ENDING	NOTES	TOUR GUIDE	MWDOC STAFF
COLORADO RIVER/HOOVER	3.6.2020	3.7.2020	W/ DIR. GALLEANO	JASON ROLLO	SARAH
INFRASTRUCTURE	[Select Date]	[Select Date]	TENTATIVE		BRYCE

DIRECTOR LARRY MCKENNEY	STARTING	ENDING	NOTES	TOUR GUIDE	MWDOC STAFF
STATE WATER PROJECT/AG	10.4.2019	10.6.2019	W/ DIR. LEFEVRE	BART GARCIA	TBD
COLORADO RIVER/HOOVER	11.15.2019	11.17.2019		JASON ROLLO	BRYCE
DIAMOND VALLEY LAKE	[Select Date]	[Select Date]	TENTATIVE		BRYCE

JULY							AUGUST							SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S						
1	2	3	4	5	6							1	2	3	1	2	3	4	5	6	7				1	2	3	4	5	6	7										
7	8	9	10	11	12	13	4	5	6	7	8	9	10	11	12	8	9	10	11	12	13	14				6	7	8	9	10	11	12	13	14							
14	15	16	17	18	19	20	11	12	13	14	15	16	17	18	19	20	13	14	15	16	17	18	19	10	11	12	13	14	15	16	17	18	19	20	21						
21	22	23	24	25	26	27	18	19	20	21	22	23	24	25	26	27	20	21	22	23	24	25	26	17	18	19	20	21	22	23	24	25	26	27	28						
28	29	30	31				25	26	27	28	29	30	31				27	28	29	30	31																				
JANUARY							FEBRUARY							MARCH							APRIL							MAY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S							
			1	2	3	4								1	2	3	4	5	6	7						1	2														
5	6	7	8	9	10	11	2	3	4	5	6	7	8	8	9	10	11	12	13	14						7	8	9	7	8	9	10	11	12	13						
12	13	14	15	16	17	18	9	10	11	12	13	14	15	15	16	17	18	19	20	21						14	15	16	14	15	16	17	18	19	20						
19	20	21	22	23	24	25	16	17	18	19	20	21	22	22	23	24	25	26	27	28						21	22	23	21	22	23	24	25	26	27						
26	27	28	29	30	31		23	24	25	26	27	28	29	29	30	31										24	25	26	28	29	30										
Holidays 2019:							Holidays 2020:							Holidays 2021:							Conference Dates:							Conference Dates:													
July 4	Independence Day	October 8-9	Yom Kippur	December 23-30	Hanukkah	January 1	New Year's Day	March 31	Cesar Chavez Day	May 10	Mothers' Day	October 21-24	CANV-AWWA Fall Conf.	November 6-8	NWRA Annual Conf.	December 3-6	ACWA Fall Conf	December 11-13	CO H2O Water Users Conf.	May 5-8	ACWA Spring Conf.	June 14-17	ACE19-AWWA Conf.																		
September 2	Labor Day	November 11	Veterans Day	December 24-25	Christmas	January 20	MLK Jr. Day	April 10-12	Easter Weekend	May 25	Memorial Day	November 6-8	NWRA Annual Conf.	December 3-6	ACWA Fall Conf	December 11-13	CO H2O Water Users Conf.	May 5-8	ACWA Spring Conf.	June 14-17	ACE19-AWWA Conf.																				
September 29 - October 1	Rosh Hashanah	November 28-29	Thanksgiving	December 31	New Year's Eve	February 17	Presidents' Day	April 8-16	Passover	June 21	Fathers' Day	December 3-6	ACWA Fall Conf	December 11-13	CO H2O Water Users Conf.	May 5-8	ACWA Spring Conf.	June 14-17	ACE19-AWWA Conf.																						

**HOOVER DAM BLACKOUT DATES: November 9-12, February 15-23, March 28-April 25**



**INFORMATION ITEM**

August 12, 2019

**TO:**           **Public Affairs & Legislation Committee**  
(Directors Dick, Thomas, McVicker)

**FROM:**       **Robert Hunter, General Manager**

Staff Contact: Sarah Wilson

**SUBJECT:**   **Education Programs Update**

**STAFF RECOMMENDATION**

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Staff recommends the Public Affairs & Legislation Committee: Receive and file this report.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**DETAILED REPORT**

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With the close of the 2018-2019 School Year, Public Affairs (PA) staff has taken the summer to meet with each of our school program contractors—Shows That Teach, Discovery Cube Orange County, and Bolsa Chica Conservancy—to review school program goals and objectives, assist with marketing and outreach plans, and discuss program reporting and evaluations for the 2019-2020 School Year.

**GOALS AND OBJECTIVES**

Following participation in the May and June 2019 California Environmental Literacy Initiative (CAELI) community-based organization trainings with Ten Strands, Orange County Department of Education, and State Education and Environment Roundtable, PA staff evaluated and revamped the previous school program goals to incorporate the Environmental Principles and Concepts that are now included in the new California Science framework adopted by the State Board of Education. The revised school program goals now

<b>Budgeted (Y/N): Y</b>	Budgeted amount: \$629,159	Core	Choice X
<b>Action item amount:</b>	Line item: 63-7040		
<b>Fiscal Impact (explain if unbudgeted):</b>			

incorporate standards-based and environment-based learning concepts that connect students to their local environment and community.

### ***Previous School Program Goals***

To provide a water-focused education program that allows students to gain a deeper understanding of local water supply sources, the value of Orange County water resources, and the importance of using water wisely.

- **Objective 1:** Students will understand the importance of water as it relates to the local climate and ecosystem.
- **Objective 2:** Students will be able to identify California water sources and understand the challenges in delivering a reliable source of drinking water to Orange County.
- **Objective 3:** Students will recognize and have the necessary resources to apply water efficient practices at home and in the community.

### ***Revised School Program Goals***

To administer a water-focused education program that offers Orange County students in grades K-12 an opportunity to connect with and learn from their local ecosystems. Students in all grade levels will use engineering solutions to solve problems related to their local environments, enhancing their ability to become responsible environmental stewards. Students will also be able to identify California water supply sources, and implement water efficient practices at home and at school.

- **Elementary School Program (K-2) Objective:** Students will understand the relationship between natural and human social systems and how humans affect, depend on, and benefit from natural resources, like water. Healthy ecosystems are critical to sustain all life.
- **Elementary School Program (3-6) Objective:** Students will understand the connection between humans and natural systems and how human activities and decisions can alter the water cycle, habitats, and the overall health of ecosystems. Healthy ecosystems are essential to all life.
- **Middle School Program (7-8) Objective:** Students will learn that the quality, quantity, and reliability of water is directly and indirectly influenced by human activity and the health of natural systems. Students will understand the challenges in delivering a safe and reliable source of drinking water to Orange County.
- **High School Program (9-12) Objective:** Students will understand that the health and care of natural systems are essential to all life and to the functioning of our economies and cultures. Students will also learn how to make informed decisions that can affect and drive changes in opinions, policies, and laws, as well as be introduced to career pathways in the water industry.

## **MARKETING AND OUTREACH**

Each of the school program contractors has begun reaching out to schools across the county, and in some cases have started booking for the 2019-2020 School Year. Shows

That Teach (K-2), with guidance from PA staff, is producing a promotional video to send out to prospective elementary schools. Discovery Cube Orange County is looking at new opportunities to partner with MWDOC to promote the Elementary (3-6) and Middle School Programs (7-8) through social media. Additionally, the Bolsa Chica Conservancy (9-12) has already booked Edison High School—a school that MWDOC has not been able to reach before through its programs.

## **REPORTING AND EVALUATIONS**

Since standards-based education is shifting from memorization and concept retention to connecting students to their local environments, PA staff is working with school program contractors to identify valuable ways to gather and provide key metrics on student engagement. Additionally, in an effort to continuously monitor and improve the MWDOC school programs, contractors will be collecting feedback from participating teachers through a program survey. MWDOC will also provide a similar survey to program observers for the 2019-2020 School Year.



**Public Affairs Activities Report  
July 10, 2019 – August 6, 2019**

<b>Member Agency Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Provided a variety of giveaway items for City of Westminster’s Safety Day event on July 18.</li> <li>• Provided Public Affairs update for Water Use Efficiency monthly workgroup meeting on August 1.</li> <li>• Prepared a front and back design for the fall bill insert</li> <li>• Secured a workshop speaker for the August 22 Public Affairs Workgroup meeting. Marion MacKenzie Pyle with Legacy Media Lab will be facilitating a customized workshop designed for public affairs professionals to enhance their knowledge, skills, and confidence in effective presentational speaking.</li> <li>• Participated on a conference call with Metropolitan, Moulton Niguel Water District, and California Native Plant Society to discuss the Calscape Nursery Pilot Program and marketing plan</li> </ul> <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Met with Stacy Taylor of Mesa Water District to discuss upcoming legislative activities, and local issues</li> </ul>
<b>Community Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Prepared and sent July eCurrents featuring articles on the California Environmental Literacy Initiative, new MWDOC school programs, Xtreme Water Makeover Contest, a press release announcing Director McVicker’s appointment, and more</li> <li>• Worked with Toro Irrigation and HashtagPinpoint to promote the Xtreme Water Makeover Contest deadline extension</li> </ul> <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Attended the Southern California Water Coalition Quarterly Luncheon in Carlsbad with Melissa Baum-Haley</li> <li>• Staffed and attended the Community Leaders Briefing with Congressman Harley Rouda that was organized with staff from the Metropolitan Water District of Southern California.</li> <li>• Attended the ACWA Region 10 Program, “The Human Right to Water and Water Agency Collaborations to Achieve the Goal”</li> </ul>

<b>Education</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Met with Bolsa Chica Conservancy to review high school program expectations and assist with outreach to prospective schools</li> <li>• Attended and coordinated Girl Scouts Patch Program recognition with Director McVicker at Bolsa Chica Conservancy Board meeting</li> <li>• Met with Shows That Teach to review elementary school program (K-2) structure and provide materials and resources for outreach</li> <li>• Met with Discovery Cube to review elementary (3-6) and middle school (7-8) programs and identify new ways to gather/report metrics</li> <li>• Updated MWDOC.com education page to include all of the new school program offerings</li> <li>• Offered content to Discovery Cube for 2019 Voice 4 the Planet student winner recognition on social media</li> <li>• Provided content and edits to the first draft of the Ricky Raindrop Education Booklet redesign</li> <li>• Invited 2019 Voice 4 the Planet student winners and prize sponsors for recognition at August 21 MWDOC Board meeting</li> <li>• Provided school outreach letter to Bolsa Chica Conservancy to promote 2019-2020 MWDOC High School Program</li> <li>• Provided edits and content to Shows That Teach for promotional video script highlighting the 2019-2020 MWDOC Elementary School Program (K-2)</li> <li>• Followed up with Yorba Linda Water District to determine target middle schools in their service area for the 2019-2020 school year</li> <li>• Provided school program information to local teacher referred to MWDOC by Metropolitan</li> <li>• Attended Girl Scouts of Orange County STEM Consortium introduction to identify opportunities to support STEM-based learning and promote STEM career pathways</li> <li>• Followed up with City of La Palma on MWDOC elementary school program targets.</li> <li>• Met with Orange County Department of Education and State Education and Environment Roundtable to discuss opportunities for implementation of CA Environmental Principles and Concepts into MWDOC Water Education School Programs</li> <li>• Interviewed for and accepted a seat on the California Environmental Literacy Initiative Leadership Council</li> <li>• Met with Bill Andrews with the California Environmental Education Foundation to discuss a pilot Water, Energy, and Education Alliance aimed to strengthen career pathways and partnerships between Southern California school districts and the energy-water sectors</li> </ul>
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<b>Media Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>Contributed an article titled, “Environmental Literacy Initiative from a Regional Municipality Perspective,” to the Ten Strands newsletter</li> <li>Submitted the “Environmental Literacy Initiative from a Regional Municipality Perspective” article to Association of California Water Agencies and was published in the July 31<sup>st</sup> eNews</li> </ul>
<b>Special Projects</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>Secured William Bourdeau, Vice President of Harris Ranch farms and Director at Westlands Water District, for the second of our 2019 Water Policy Dinner Speaker Series highlighting the Central Valley</li> <li>Reserved the Westin South Coast Plaza Hotel for Water Policy Dinner on September 5, 2019</li> <li>Participated in the 2020 OC Water Summit Committee meeting</li> <li>Reserved Disney’s Grand Californian Hotel for the next OC Water Summit on May 29, 2020</li> <li>Currently working on itineraries, trip logistics, guest and Director requirements for the following inspection trips: <ul style="list-style-type: none"> <li>September 27-29 Hoover Dam and Colorado River Aqueduct   Director Barbre</li> <li>October 4-6 State Water Project and Central Valley Agriculture   Joint trip Director McKenney and Director Lefevre</li> <li>October 18-19 State Water Project   Director Ackerman</li> <li>November 8-10 State Water Project and Central Valley Agriculture   Director Barbre</li> </ul> </li> <li>Met with Water Use Efficiency staff to discuss marketing assistance needed for multiple programs</li> <li>Prepared a marketing plan complete with overview, objectives, tactics, and metrics for the Turf Removal Program Campaign (to include the Landscape Design Assistance Program and Landscape Maintenance Program), ocwatersmartgardens.com microsite, and Pressure Regulating Valve Pilot Program</li> </ul> <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>Staffed the WACO Planning Meeting</li> <li>Along with Harvey and Karl, met with Orange County LAFCO staff to review the upcoming MSR timeline and expectations</li> <li>Worked with Nick Norvell of BBK on our next SB 998 working group meeting scheduled for early fall</li> <li>Met with Paul Shoenberger and Stacy Taylor of Mesa Water District to discuss the upcoming WACO panelist discussion on “The Challenges of the Water Retailer” including format and topics</li> <li>Coordinated panelists for August’s WACO program</li> </ul>

	<ul style="list-style-type: none"> <li>• Participated in a conference call with the August WACO program panelists to review topics and format</li> <li>• Staffed the August WACO meeting</li> <li>• Staffed the ISDOC Executive Committee meeting</li> </ul>
<b>Legislative Affairs</b>	<p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Updated MWDOC's AB 1752 (Petrie-Norris) coalition letter with additional signatories</li> <li>• Monitored the Water, Oceans and Wildlife Subcommittee hearing where South Coast Water District General Manager, Rick Shintaku, testified on H.R. 3723 (Levin)</li> </ul>