

MEETING OF THE  
BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**PUBLIC AFFAIRS AND LEGISLATION COMMITTEE**  
February 18, 2020, 8:30 a.m.  
Conference Room 101

Teleconference site:  
Director Yoo Schneider will participate  
via teleconference at the following location:  
675 N Washington St #200, Alexandria, VA 22314  
949/278-5761

(Members of the Public may attend and participate in the meeting at both locations.)

**Committee:**

Director Yoo Schneider, Chair  
Director Barbre  
Director McVicker

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

Ex Officio Member: Director Tamaribuchi

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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
  - f. Metropolitan Legislative Matrix
2. SOUTHERN CALIFORNIA WATER ISSUES CONGRESSIONAL DELEGATION BRIEFING LUNCHEON

**ACTION ITEMS**

- 3. TRAVEL TO WASHINGTON, DC TO COVER FEDERAL ADVOCACY INITIATIVES
- 4. TRAVEL TO SACRAMENTO TO COVER STATE ADVOCACY INITIATIVES
- 5. CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) CALL FOR NOMINATIONS: SEAT B – SOUTHERN NETWORK

**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.)

- 6. WATER POLICY FORUM & DINNER SPEAKERS SERIES
- 7. 2019 OC WATER SUMMIT
- 8. SCHOOL PROGRAM UPDATE
- 9. EDUCATION PROGRAM INITIATIVES
- 10. PUBLIC AND GOVERNMENT AFFAIRS ACTIVITIES REPORT

**OTHER ITEMS**

- 11. 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.

**BARKER LEAVITT**  
ATTORNEYS AND COUNSELORS AT LAW  
FIFTH FLOOR  
1050 THOMAS JEFFERSON STREET, NW  
WASHINGTON, DC 20007  
(202) 293-4064  
[jimbarker@barkerleavitt.com](mailto:jimbarker@barkerleavitt.com)  
[ryanleavitt@barkerleavitt.com](mailto:ryanleavitt@barkerleavitt.com)

James C. Barker  
Ryan Leavitt

*Municipal Water District of Orange County, California  
Washington Update  
February 11, 2020*

***Senate Impeachment Acquittal, Hyper-partisanship Plagues Washington, and the President Releases FY21 Budget Proposal***

Last week, the Senate voted, largely along party lines, to acquit the President on both charges of Abuse of Power and Obstruction of Congress. In the wake of these impeachment votes, divisions have further intensified between the Republicans and the Democrats and are raising already growing concerns about further legislative gridlock during this Presidential election year. That said, party leaders have suggested that they can come to agreement on a handful of must-pass legislative items over the course of 2020, including the FY21 spending bill to keep the government open after September. The prospects of passing a major infrastructure bill this year seems to have greatly diminished.

***President Trump released his proposed budget for FY2021; once again proposes major cuts to domestic spending:***

On Monday, February 10, 2020, President Trump released his proposed budget for FY2021. As it has in years past, the President's proposed budget includes significant cuts to domestic spending. His FY21 budget closely mirrors his FY20 budget requests for the Bureau of Reclamation, Army Corps, Clean/Drinking State Revolving Funds, and the WIFIA loan program. Each of the President's requests represents a significant decrease to both the FY19 and FY20 spending levels.

Specifically, the President is again proposing that the Bureau of Reclamation be cut by nearly a half a billion dollars from FY20 levels, and the Army Corps of Engineers be cut by close to \$1 billion. Similarly, the White House is proposing a nearly \$700 million dollar cut from FY20 levels to the clean/drinking water state revolving funds and a \$30 million cut to WIFIA.

Notably, the President proposed a 26-percent cut to EPA from the FY20 spending levels.

<b>Programs</b>	<b>FY19 Levels</b>	<b>FY20 Levels</b>	<b>President's FY20 Budget</b>	<b>President's FY21 Budget</b>
<b>Bureau of Reclamation</b>	\$1.565 billion	\$1.68 billion	\$1.120 billion	\$1.1 billion
<b>Army Corps of Engineers</b>	\$6.998 billion	\$7.65 billion	\$4.964 billion	\$6 billion
<b>Clean/Drinking Water State Revolving Funds</b>	\$2.76 billion	\$2.77 billion	\$1.98 billion	\$1.98 billion
<b>WIFIA</b>	\$68 million	\$55 million	\$25 million	\$25 million

The proposal is to fund EPA at \$6.7 billion, which is a cut down from \$9.1 billion in the FY20 spending bill.

It is important to remember, however, that the President's proposed budget is largely a political messaging effort. In fact, the Senate and House Appropriations Committees may not even hold hearings on the President's requested budget for FY21. The Congress has consistently and routinely ignored budget requests from the Executive Branch. For example, last year, the President requested major cuts in both the Energy & Water Appropriations bill and the Interior Appropriations bill, and the Congress not only ignored those proposed cuts but rather increased federal funding for most of these programs for FY20.

#### ***PFAS:***

Since our last report, we have continued to meet with Orange County Congressional offices to express concerns about any legislative efforts to address PFAS that would generate any additional liability on public water utilities for PFAS cleanup under the Superfund law CERCLA. We prepared a draft letter for the MWDOC Board and a separate letter for MWDOC's member agencies that they could send to their Members of Congress echoing concerns about PFAS legislation that could negatively impact MWDOC and its members. Those draft letters are attached as a reference.

There has not been any meaningful legislative progress on the PFAS issue since the House passed their large package of PFAS bill in January. We continue to closely monitor this issue.

#### ***Other Legislation We are Actively Tracking:***

- **H.R. 3723 (Rep. Mike Levin), the *Desalination Development Act***

This legislation would raise the funding authorization in the Water Infrastructure Improvements for the Nation (WIIN) Act for desalination projects to \$260 million over the next five years. Levin's objective in introducing this bill is to support projects like South Coast Water District's Doheny Ocean Desalination Project. The bill is awaiting further consideration by the House Committee on Natural Resources.

- **H.R. 1162, (cosponsors include: Huffman, Rouda, Lowenthal, Cisneros, and Sanchez), the *Water Recycling Investment and Improvement Act***

This bill increases the authorization for grant programs to prioritize water recycling and reuse projects. The increase in authorization is up from \$50 million up to \$500 million.

- **Rep. Huffman' *FUTURE Drought Resiliency Act*:**

This draft legislation would increase funding for ground and surface water storage, while investing in innovative technologies such as desalination and recycling. Rep. Huffman continues to seek input on the proposal.

- **S. 1932 (Sen. Gardner/Feinstein), *Drought Resiliency and Water Supply Infrastructure Act*:**

The bipartisan legislation extends funding for the *WIIN Act* for five years and adds \$670 million for surface and groundwater storage projects and \$100 million for water recycling projects. Additionally, the bill allocates \$60 million for desalination projects. The bill also includes funding for habitat restoration projects and a new loan program to spur investment in new water supply projects. The Senate Energy and Natural Resources is hoping to markup this bipartisan bill but has yet to do so because of objections from the Committee's ranking member Sen. Manchin. His concerns are with the project authorization section of the bill.

***Update on the Southern California Water Luncheon and Briefing to be held in Washington, DC on February 26, 2020:***

We continue to meet with, call, and send email invitations and reminders to Congressional offices about the upcoming CA water luncheon. We were also very pleased that Representatives Calvert and Correa jointly sent a bipartisan letter to their Congressional colleagues inviting them and encouraging them and their staffs to attend and participate in the luncheon and briefing, an effort we helped orchestrate. A copy of this letter is attached as a reference.

Because the luncheon will be held in a new location this year, we have taken extra steps to assist Members and their staff in finding the event—including distributing maps of the location of the event. As was the case in past years, Members and staff have been slow to commit to attending, because their schedules often don't become set until the week before or the week of the event. We have given extra encouragement to Members and their staff to come and to listen to reports from the various water district representatives that will be speaking at the luncheon briefing.

On the day of this luncheon (Wednesday, Feb. 26), the first votes of the day will be at 1pm. Subsequently, these votes will also be the first votes of the week. This will provide an excellent chance for Members of Congress to participate in the luncheon just before they will be required to be on the House floor for a series of floor votes.

*JCB/RWL 2/11/20*

# Congress of the United States

Washington, DC 20515

January 16, 2020

Dear Colleague:

On behalf of five large water governmental agencies located in Southern California, including at least one water district that provides water to your Congressional District, we invite you and your key staff to an important water luncheon, on Wednesday, Feb. 26, 2020, at 12:00 Noon in CVC 217, "The South Congressional Meeting Room".

For more than fifteen years we have held this same luncheon and it has always been a great success. Constituents and locally elected water directors from your district will be in attendance at this luncheon.

The buffet luncheon is designed so that Members of Congress and/or other staff can "drop by" and grab a quick lunch and stay for 10 or 15 minutes or for a longer period of time. The luncheon will take place the week when the California Water Agencies come to Washington for their annual meetings. By having a large get-together like this, the Member can still see these important California constituents, in one large group, rather than the various water district setting up individual water meetings with each congressional office.

Your office may have also been contacted by one of the other California water agencies. As you know, water, infrastructure, and drought issues have been a major issue in California. These issues will be addressed in the luncheon.

As the invitation indicates, the Member, the Chief of Staff, the Leg Director, the Executive Assistant/Scheduler, and the Water LA are all invited to the lunch meeting. If the Member can attend, he or she will be recognized and will be allowed to say a few words to the group. The Member's comments can be about any subject they would like to speak on and need not address water issues. Many of the Members comments reflect what committees they serve on. The audience will all be related to the water community. Members of the water community will also be providing short 1-4 minute reports on issues impacting their particular water district.

This luncheon has been a great tradition. It has worked extremely well in the past. Most of the Congressional Representatives have typically come and participated in these events. The luncheon will be paid for by California local governmental agencies. We encourage your attendance. The RSVP Contact information is located on the attached card.

Sincerely,



KEN CALVERT  
Member of Congress



J. LUIS CORREA  
Member of Congress

January XX, 2020

Honorable [NAME NAME]  
Member of Congress/US Senator  
Address line 1  
Address line 2

Dear [BLANK MEMBER OF CONGRESS]:

On behalf of the XXXXXXXX residents that we serve, the **(name of your water agency)** strongly believes that per- and polyfluoroalkyl substances (PFAS) should be kept out of our community's water supply. We are committed to protecting public health and the environment while providing reliable water services to our residents and customers.

The U.S. Congress has taken recent actions to address the growing public health concerns related to PFAS. We commend the Congress for seeking solutions to this major problem. As Congress moves forward to address PFAS issues, we wish to impress upon you the significant division between the entities that produced and introduced PFAS into the environment and ultimately into our water systems and the public water agencies, and **(your water agency)** that has been charged to provide clean, safe drinking water to the public. It is important to remember that we are not producers of PFAS, but rather we are on the receiving end of PFAS polluters.

Municipal water utilities take great care to follow all local, state, and federal laws related to water treatment and management—including the removal of harmful chemicals like PFAS. To that end, we express serious concern with any legislative effort to address the PFAS problem that would hold water agencies, such as our agency, liable for environmental cleanup costs under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

If PFAS were to be added as hazardous substances under the Superfund Law, and water utilities were not provided any liability shield, **(your agency here)** and other public water agencies could be held liable under CERCLA for the environmental costs associated with the cleanup of PFAS found outside of our water systems—particularly when those agencies that have already dutifully complied with all applicable laws and regulations related to PFAS removal and disposal.

Once again, we are committed to protecting the public and the environment from PFAS and applaud the Congress's attention to this critical issue, but we firmly believe that any legislation should hold the polluters who are responsible for this contamination accountable, rather than forcing the costs of this environmental cleanup on public water utilities and consequently on our hard-working customers.

Respectfully,



January XX, 2020

Honorable [NAME NAME]  
Member of Congress/US Senator  
Address line 1  
Address line 2

Dear [BLANK MEMBER OF CONGRESS]:

On behalf of the over 3.2 million Orange County residents that we serve, the Municipal Water District of Orange County (MWDOC) and our 28 retail water agencies strongly believe that per- and polyfluoroalkyl substances (PFAS) should be kept out of our communities' water supplies. We are committed to protecting public health and the environment while providing reliable water services to our residents and customers.

The U.S. Congress has taken recent actions to address the growing public health concerns related to PFAS. We commend the Congress for seeking solutions to this major problem. As Congress moves forward to address PFAS issues, we wish to impress upon you the significant division between the entities that produced and introduced PFAS into the environment and ultimately into our water systems and the public water agencies, like MWDOC and our member agencies, that have been charged to provide clean, safe drinking water to the public. It is important to remember that we are not producers of PFAS, but rather we are on the receiving end of PFAS polluters.

Municipal water utilities take great care to follow all local, state, and federal laws related to water treatment and management—including the removal of harmful chemicals like PFAS. To that end, we express serious concern with any legislative effort to address the PFAS problem that would hold water agencies liable for environmental cleanup costs under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

If PFAS were to be added as hazardous substances under the Superfund Law, and water utilities were not provided any liability shield, MWDOC and other public water agencies could be held liable under CERCLA for the environmental costs associated with the cleanup of PFAS found outside of our water systems—particularly when those agencies that have already dutifully complied with all applicable laws and regulations related to PFAS removal and disposal.

Once again, we are committed to protecting the public and the environment from PFAS and applaud the Congress's attention to this critical issue, but we firmly believe that any legislation should hold the polluters who are responsible for this contamination accountable, rather than forcing the costs of this environmental cleanup on public water utilities and consequently on our hard-working customers.

Respectfully,





## **Memorandum**

To: Municipal Water District of Orange County  
From: Syrus Devers, Best Best & Krieger  
Date: February 18, 2020  
Re: Monthly State Political Report

### **Legislative Report**

As promised, the Bill Matrix looks rather anemic now that all the two-year bills have dropped off. The timing of this report misses the last two weeks of the bill introduction period so next month's matrix will look a bit more robust. It's very likely that BB&K will be giving an update on newly introduced legislation at the PAL meeting.

There is one ACWA sponsored bill that was not published in time for this report but is in circulation. AB 2182 (Rubio) will exempt emergency backup generators from air quality restrictions during Public Safety Power Shutoffs (PSPS). It's one of three bills (so far) on the topic of emergency generators. One is sponsored by CMUA but has yet to find an author, and the other is specific to hospitals. An interesting development is that the big telecommunications companies have taken an interest now that they are threatened with requirements to have backup generators. Driving the issue for water districts is that diesel generators are the only viable option for long-term PSPS events. There are battery backup options for the telecos, but they're typically only good for 6 or 8 hours, whereas a PSPS event can be days. The Assembly Water, Parks, and Wildlife Committee held an informational hearing on this topic last week. The panelists were asked questions about micro grid options and batteries but the answers were unequivocal: water weighs eight pounds per gallon and you can't lift very much of it with solar or batteries. Certainly not for than several hours.

### **Administrative Report**

The State Water Resources Control Board and the Division of Drinking Water have been active. The biggest news is the release of Response Levels (RLs) for PFOS (40 parts per trillion, "ppt") and PFOA (10 parts per trillion). Both of which are in the PFAS family. It's the 10 ppt for PFOA that's causing the problem for a large number of ground water supplies. MWD is currently polling their members to determine how many will need to increase their supply of imported water. Unlike Notification Levels, RLs require the water provider to either take the contaminated source offline or



provide statutorily proscribed notices. Unfortunately, AB 756 from last year that called for the Notification Levels also prohibited anything in the RL public notice that “minimizes or contradicts” the information in the notice. Water districts with very low levels for PFOA, therefore, cannot include other facts to put the notice in context, such as there being no evidence of health risks at the levels found in the drinking water.

The other major source of activity at SWRCB is trying to get SB 200, Safe and Affordable Drinking Water Funds, out the door. Appropriations done in bills, as opposed to a budget items, take effect the first of the year. Budget items (future ones), however, won’t take effect until the start of the fiscal year on July 1st. That means SWRCB is sitting on \$130M but the people needed to move that money won’t be authorized for several more months. The short-term solution is to start a round of musical chairs with existing staff to get some people on the job now, which will inevitable create backlogs in other areas. Too bad there’s nothing in the Constitution requiring everything to make sense.

Work continues on the water bond. The administration released budget trailer bill language with no surprises, and meetings continue to take place, but there’s nothing to report that wasn’t covered previously.

# The County of Orange Report

February 12, 2020  
by Lewis Consulting Group



## **Light Board Agenda Leading Up to Election**

Both the January 28<sup>th</sup> and February 11<sup>th</sup> meetings of the Board of Supervisors had agendas that were unusually short in length and seemingly short of controversies. Perhaps that would be of benefit to both Don Wagner and Andrew Do, who are facing primary opponents.

Despite the apparent effort, the January 28<sup>th</sup> meeting devolved into manufactured controversy as over 100 Santa Ana residents flooded the chambers in opposition to a relocation of a homeless shelter.

A current 400 bed homeless facility in a former bus terminal across the street from the County Civic Center is being closed and a new 425 bed shelter in a different part of Santa Ana is taking its place. The new facility impacts fewer churches and schools, will have better security and will resist “homeless dumping” from other parts of the County. However, this improvement did little to satisfy the local residents who bitterly complained that their city is a continuing “dumping ground” and that new facilities should be opened in other parts of the County, particularly in South Orange County.

At the end of the meeting, the residents stormed out of the meeting hurling insults at Supervisor Do and threatening his re-election, which seemed to be the point of the organized effort.



# No Surprises in Latest PPIC Poll

The Public Policy Institute of California released its latest California poll in mid-January. The poll of 967 likely voters was conducted January 3-12, 2020 and a sample of that size yields a level of confidence of 95%. Below are selected results from the most recent survey:

PPIC Statewide Survey  
Californians and Their Government - Likely Voters - January 2020

Californians and Their Government • Likely Voters • January 2020														
		Likely voters	Party			Ideology			Region					
			Dem	Rep	Ind	Lib	Mod	Con	Central Valley	Inland Empire	Los Angeles	Orange/San Diego	SF Bay Area	
Q1. First, which one issue facing California today do you think is the most important for the governor and state legislature to work on in 2020?	homelessness	23%	21%	29%	21%	19%	27%	25%	19%	24%	32%	19%	25%	
	housing costs, availability	11%	15%	4%	8%	16%	13%	3%	5%	8%	11%	17%	13%	
	jobs, economy	7%	8%	4%	7%	6%	11%	5%	12%	2%	3%	9%	8%	
	environment, pollution, global warming	9%	15%	2%	7%	17%	5%	2%	6%	8%	10%	7%	9%	
	immigration, illegal immigration	8%	4%	12%	13%	5%	4%	14%	6%	7%	9%	13%	6%	
	health care, health insurance	4%	5%	2%	5%	5%	7%	2%	6%	2%	2%	4%	7%	
	education, schools, teachers	3%	5%	2%	2%	4%	3%	3%	4%	4%	4%	1%	4%	
	state budget, deficit, taxes	7%	3%	12%	7%	3%	6%	11%	10%	12%	5%	7%	3%	
	infrastructure	3%	3%	2%	4%	3%	4%	2%	3%	9%	1%	2%	4%	
	crime, gangs, drugs	2%	1%	2%	1%	0%	2%	3%	2%	0%	3%	0%	2%	
	government in general, problems with elected officials, political parties	3%	0%	6%	6%	2%	1%	6%	5%	4%	2%	5%	0%	
	water, drought	2%	1%	1%	0%	0%	5%	1%	2%	1%	1%	4%	0%	
	wildfires, fires	2%	3%	0%	4%	4%	0%	3%	3%	0%	1%	1%	8%	
	other (specify)	12%	9%	18%	11%	10%	8%	16%	13%	16%	10%	10%	7%	
	(VOL) don't know	4%	6%	3%	3%	5%	2%	4%	5%	2%	6%	2%	4%	
Unweighted n	967	449	264	222	353	247	351	159	107	234	153	220		

PPIC Statewide Survey  
Californians and Their Government - Likely Voters - January 2020

Californians and Their Government - Likely Voters - January 2020													
		Likely voters	Party			Ideology			Region				
			Dem	Rep	Ind	Lib	Mod	Con	Central Valley	Inland Empire	Los Angeles	Orange/San Diego	SF Bay Area
Q2. Overall, do you approve or disapprove of the way that Gavin Newsom is handling his job as governor of California?	approve	49%	74%	11%	43%	83%	45%	16%	38%	37%	51%	47%	64%
	disapprove	42%	17%	80%	49%	8%	44%	76%	52%	53%	40%	47%	29%
	(VOL) don't know	9%	9%	9%	8%	9%	11%	8%	9%	9%	9%	6%	7%
	Unweighted n	960	447	262	220	350	245	349	160	107	233	149	219

PPIC Statewide Survey  
Californians and Their Government - Likely Voters - January 2020

Californians and Their Government - Likely voters - January 2020														
		Likely voters	Party			Ideology					Region			
			Dem	Rep	Ind	Lib	Mod	Con	Central Valley	Inland Empire	Los Angeles	Orange/San Diego	SF Bay Area	
Q5. Do you think things in the California are generally going in the right direction or the wrong direction?	right direction	49%	73%	13%	41%	81%	48%	14%	35%	36%	56%	41%	59%	
	wrong direction	49%	23%	86%	58%	16%	48%	85%	64%	60%	42%	56%	36%	
	(VOL) don't know	3%	4%	2%	2%	3%	5%	1%	1%	4%	2%	3%	5%	
	Unweighted n	966	448	264	222	348	250	352	160	107	236	153	219	

PPIC Statewide Survey  
Californians and Their Government - Likely Voters - January 2020

		Candidates and Their Government - Likely voters - January 2020												
		Likely voters	Party			Ideology					Region			
			Dem	Rep	Ind	Lib	Mod	Con	Central Valley	Inland Empire	Los Angeles	Orange/San Diego	SF Bay Area	
Q17. Thinking about these four areas of state spending, I'd like you to name the one you think should have the highest priority when it comes to state government spending?	K-to-12 public education	38%	38%	37%	37%	38%	40%	37%	31%	28%	44%	39%	40%	
	higher education	12%	13%	10%	10%	14%	10%	10%	10%	19%	11%	8%	11%	
	health and human services	40%	46%	30%	39%	46%	42%	31%	47%	33%	38%	42%	41%	
	prisons and corrections	7%	2%	17%	9%	1%	5%	17%	10%	17%	5%	6%	5%	
	[VOL] don't know	3%	1%	6%	6%	1%	3%	5%	2%	3%	2%	6%	3%	
	Unweighted n	945	453	250	211	352	248	331	157	103	231	148	215	

PPIC Statewide Survey  
Californians and Their Government - Likely Voters - January 2020

Candidates and their Government - Likely voters - January 2020													
		Likely voters	Party			Ideology			Region				
			Dem	Rep	Ind	Lib	Mod	Con	Central Valley	Inland Empire	Los Angeles	Orange/San Diego	SF Bay Area
Q18. In general, which of the following statements do you agree with more...?	higher taxes and more services	53%	75%	17%	48%	85%	52%	19%	53%	39%	57%	43%	62%
	lower taxes and fewer services	44%	22%	80%	47%	14%	43%	78%	45%	58%	41%	52%	32%
	(VOL) don't know	3%	3%	3%	5%	1%	5%	3%	1%	3%	2%	5%	6%
	Unweighted n	953	444	258	221	349	244	346	160	105	232	151	215

PPIC Statewide Survey  
Californians and Their Government - Likely Voters - January 2020

Candidates and Their Government - Likely Voters - January 2020														
		Likely voters	Party			Ideology			Region					
			Dem	Rep	Ind	Lib	Mod	Con	Central Valley	Inland Empire	Los Angeles	Orange/San Diego	SF Bay Area	
Q23. Overall, do you approve or disapprove of the way that Donald Trump is handling his job as president?	approve	38%	8%	83%	42%	6%	32%	78%	46%	44%	31%	47%	27%	
	disapprove	61%	91%	16%	55%	94%	65%	21%	53%	50%	68%	53%	72%	
	(VOL) don't know	1%	1%	1%	3%	0%	2%	1%	1%	5%	1%	0%	1%	
	Unweighted n	970	452	264	222	354	249	351	160	107	237	153	220	

## **Iowa's Impact**

The much maligned Iowa Caucus with its infamous vote counting fiasco still managed to serve its main purpose. As a result of its long job interview style process, the field was re-shaped and narrowed.

Going into New Hampshire two different internal primaries may have been settled. Senator Bernie Sanders has defeated Senator Elizabeth Warren for the representative of the party's progressive wing. In the contest

for the more mainstream liberal wing of the party, Mayor Pete Buttigieg's late surge has all but crushed the hopes of those supporting former Vice President Joe Biden. Unless the Granite State throws a late curve (what they have been known to do) it appears for now the contest has been winnowed down to Sanders, Buttigieg and the yet untested Michael Bloomberg. Bloomberg's candidacy strategy of skipping early primaries is an interesting one. He is banking that no clear front runner emerges and his financial advantage allows him to seriously contest all remaining states. His candidacy has also severely diminished any possibility of former Secretary of State Hillary Clinton from swooping in and saving the party from a national convention impasse. While Klobuchar, Warren, Yang, Steyer and Gabbard have little chance of success, they will be tempted to stay in the race to accumulate at least some share of valuable proportionally divided delegates.



Luckily my pre-New Hampshire analysis wasn't too far off the mark. Sifting through the New Hampshire results, there are a few take-a-ways. First, the field has shrunk as Yang, Steyer and Bennett have exited the stage. Secondly, the biggest surprise of the night was Senator Klobuchar's third place showing. She amassed more votes than Biden and Warren combined, yet it's still hard to see a path for going forward. New Hampshire all but dashed the dreams of Biden and Warren. Senator Sanders cemented his role as front-runner, but a 25% victory is hardly impressive. Democrat proportional delegate allocation has almost assured a "brokered" convention. Bloomberg's unlimited bank account will be the X-factor starting with Super Tuesday. Is it too early to speculate about a possible Bloomberg/Klobuchar ticket?



## Latest Democratic National Polls

# 2020 Democratic Presidential Nomination



[National](#) | [Iowa](#) | [New Hampshire](#) | [Nevada](#) | [South Carolina](#) | [California](#) | [Texas](#) | [Massachusetts](#) | [General Election Polls](#)

Polling Data														
Poll	Date	Sample	Biden	Sanders	Warren	Bloomberg	Buttigieg	Klobuchar	Yang	Gabbard	Steyer	Bennet	Patrick	Spread
RCP Average	1/27 - 2/9	--	23.0	22.7	15.3	12.7	8.3	4.3	3.0	2.0	2.0	0.7	0.3	Biden +0.3
Quinnipiac	2/5 - 2/9	665 RV	17	25	14	15	10	4	2	1	1	0	0	Sanders +8
Economist	2/2 - 2/4	616 RV	24	19	18	9	9	6	3	3	2	1	0	Biden +5
M. Consult	1/27 - 2/2	15259 RV	28	24	14	14	6	3	4	2	3	1	1	Biden +4
All 2020 Democratic Presidential Nomination Polling Data														

## 2020 California Polls

# California Democratic Primary

March 3 (416 Delegates)



[National](#) | [Iowa](#) | [New Hampshire](#) | [Nevada](#) | [South Carolina](#) | [California](#) | [Texas](#) | [Massachusetts](#) | [General Election Polls](#)

Polling Data												
Poll	Date	Sample	Sanders	Biden	Warren	Buttigieg	Bloomberg	Yang	Klobuchar	Gabbard	Steyer	Spread
RCP Average	1/3 - 1/27	--	25.8	21.0	19.8	7.3	4.3	4.0	3.5	3.0	2.7	Sanders +4.8
KQED/NPR	1/25 - 1/27	1967 LV	30	15	16	8	4	5	3	4	2	Sanders +14
Berkeley IGS	1/15 - 1/21	2895 LV	26	15	20	7	6	4	5	--	2	Sanders +6
SurveyUSA	1/14 - 1/16	565 LV	20	30	20	8	6	4	2	2	4	Biden +10
PPIC	1/3 - 1/12	530 LV	27	24	23	6	1	3	4	--	--	Sanders +3
All California Democratic Primary Polling Data												

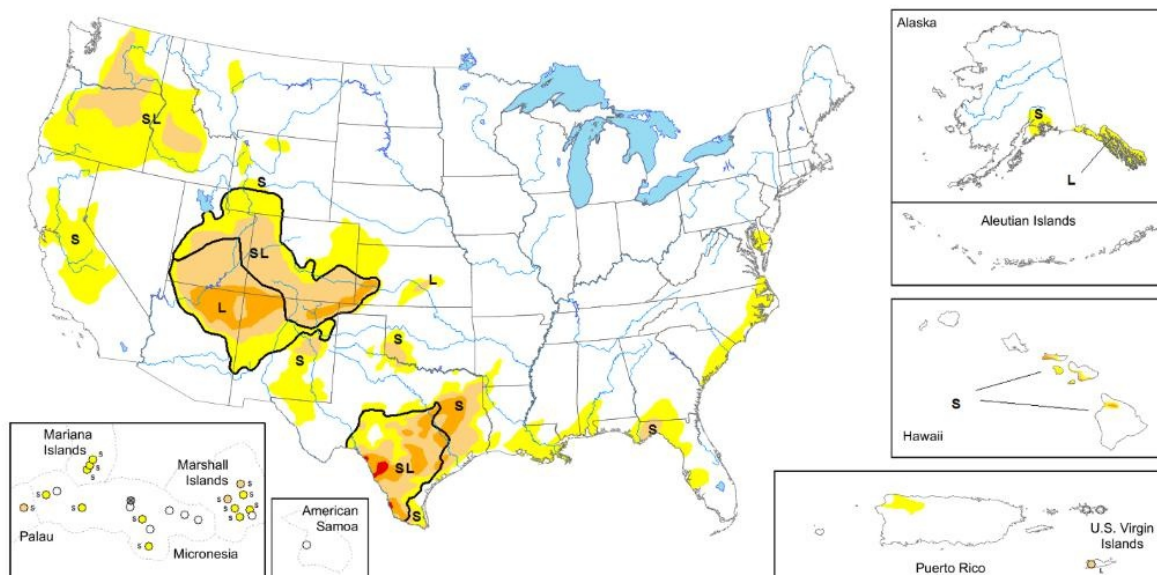


## Dry Conditions Return

After a bountiful year of rain and snow in 2019, the winter of 2020 is now shaping up to be a disappointing one. On January 1<sup>st</sup>, the state's snowpack was 90% of normal but that level has now dropped to 64% of normal for this time of year. Luckily our state's reservoirs are still healthy with our two largest, Lake Shasta and Lake Oroville at 112% and 95% respectively of normal capacity for this time of year.

## Map released: February 6, 2020

Data valid: February 4, 2020



*United States and Puerto Rico*

*Author(s):*

*Richard Tinker, NOAA/NWS/NCEP/CPC*

*U.S. Affiliated Pacific Islands and*

*Virgin Islands Author(s):*

*Curtis Riganti, National Drought  
Mitigation Center*

The data cutoff for Drought Monitor maps is each Tuesday at 7 a.m. EST. The maps, which are based on analysis of the data, are released each Thursday at 8:30 a.m. Eastern Time.

## Intensity and Impacts

None

D0

(Abnormally Dry)

D1 (Moderate  
Drought)

D2 (Severe  
Drought)

D3 (Extreme  
Drought)

D4  
(Exceptional  
Drought)

No Data

~ - Delineates dominant impacts

S - Short-Term impacts, typically less  
than 6 months (e.g. agriculture,  
grasslands)

L - Long-Term impacts, typically greater  
than 6 months (e.g. hydrology, ecology)



# ACKERMAN CONSULTING

## Legal and Regulatory

February 18, 2020

1. **Drought Frequency:** A recent study done by the University of Arizona is comparing the frequency of droughts in the Southern California area. They studied the three water sources for the area: Sacramento Delta, Colorado River and Southern California basins. They looked at the “perfect drought” where all three of these sources fall below normal. Instruments and actual measurements can be used from the 1900s to the present. Tree rings are used dating back to 1100. Their conclusion is that since 1500, Southern California has averaged 6 droughts per 100 year period. To qualify, the drought must have lasted over 2 years. The most severe droughts occurred during the 11<sup>th</sup> and 12<sup>th</sup> centuries and were associated with warmer weather. Determining the cause(s) of these droughts is more difficult but one common factor was conditions in the Pacific Ocean that forced storm tracks north of our three sources of water. This report was commissioned by California Department of Water Resources.
2. **Water Permits and Business Licenses:** The State Legislature is considering SB 205 which would require cities and counties to verify that a business had a Industrial General Storm Water Permit (IGP), if needed, before issuing a business license. This bill could be very onerous on government and business. Businesses would have to provide the SIC code (IRS business designation) and sign under penalty of perjury. Some businesses may not be sure of this designation nor if they are subject to IGP regulation. The cities and counties may also have to report this information to the State Board. Expect strong opposition to this measure.
3. **Weed Water War Continues:** We have previously reported on the situation in the City of Weed, California. Roseburg Forest Products has purchased water rights to Beaughan Spring near Mount Shasta in order to produce bottled water for Crystal Geyser. This Spring also provides water to Weed which has around 2700 people. Both sides are suing each other but the residents of Weed have limited money while Roseburg is well financed. The City is now considering an eminent domain action to acquire water but will have to find a way to finance the purchase. This situation is starting to occur to other small, poorly financed areas in California which depend on a third party for their water supply.

4. **Tule Fog Fading:** Tule fog in years gone by in the Central Valley in California was a common occurrence which caused many car/truck accidents but much needed by farmers in the area. A report done by UC Berkeley has shown the trend toward less and less severe fog conditions. This fog is very important for farmers for several reasons. It provides a much needed dormancy period for high value crops from fruits to nuts. And it provided an extra water source for all plants. Tule is named after the *Schoenoplectus acutus*, a reed found in marshes. The name came from a Spanish officer who saw them and named the huge lake he discovered Los Tules. The condition generally forms in the winter after a heavy rain. Warm land starts to heat the air and moisture surrounds particles creating fog near the ground. Peak conditions are generally hit around 7am when traffic is starting. These conditions have been decreasing about 50% per year for many years. Changing climate is the main cause.

5. **Ocean Temperatures:** The year of 2019 was the warmest on record for world ocean temperature. This is consistent with land surface temperature which last year were the second hottest on record. Oceans absorb heat produced on land and therefore cause their temperatures to rise. This explains the increase in El Ninos which transfer some of that heat from the ocean to the atmosphere. Scientists admit that measuring land is much more precise than ocean measuring. Ocean movement is harder to detect and measure and also many of the measurement instruments are attached to boats which can create their own conditions. Changing ocean temps have caused disruptions in the food chain as heat causes plant and animal life to move and change in a very large pool.

6. **New Tree Beetle:** A new beetle from Arizona is attacking old oak trees in Southern California. The Goldspotted Oak Borer was first discovered in San Diego but has also appeared in Orange, LA and San Bernardino Counties. This beetle's larvae attack the nutrient system in the oaks and eventually kill them. So far there is no treatment and no natural enemies have been discovered. Monitoring infected trees and watching your firewood is the only preventative measures available now.

7. **San Diego Water Secession:** The move by Fallbrook Public Utility District and Rainbow Municipal Water District to leave the San Diego County Water Authority and join Riverside Eastern Municipal Water District continues. The main concern is cost as the departing Districts will save their constituents substantial dollars. At the same time it will cost San Diego rate payers more to make up for the lost customer base. Also the city of San Diego and East County agencies are looking at new supplies which would further hurt the Authority's financial condition. Other north County districts would like to consider leaving the Authority but have a delivery issue. Fallbrook and Rainbow have connection to aqueducts owned by MWD. The other agencies have only connection on aqueducts owned by the Authority.

8. **Sacramento Like New Orleans?:** Can Sacramento end up like New Orleans in the next flood incident?? Maybe. In the last few years, the Pocket area of Sacramento has been experiencing water intrusion from the ground when there was no storm. Sacramento has experienced serious floods, catastrophic in 1861, destruction and death in 1986, severe damage in 1995 and 1997. I was there in 1997 when a levee broke and flooded a large area near the City. Half of the levees in Sacramento have been repaired and there are over 21 miles of them. The City also has over 350 pumps that operated frequently when the ground gets saturated. Every year they pump millions of gallons of water into the river. So the answer to the question if it can occur in Sacramento is YES. However they are taking all preventive measures possible to protect against it. They are designing levees during the repair process that can divert flood condition events around the City, and keeping those pumps in A-1 condition.

9. **Salton Sea:** Everyone, including the Governor, is promising to fix the Salton Sea. However, thus far, all of the promised fixes have not come. Money is available in various funds but have not been spent. The latest effort to get \$200 million was on track until the governor decided to include that funding in a proposed \$4 billion water bond which may be on the November, 2020 ballot. Since 2000, five bonds have been passed with allocation for the Salton Sea but not much has happened. Federal funds have also been requested, but have not appeared yet.

10. **Affordable Housing and Water:** You may be following the directive from the State that all cities in the state have to revise their planning process to include an allocation for affordable housing. Many cities in Orange County are already pushing back on these numbers based on local control, built out conditions and numerous other reasons. The City of Monterey is considering the alternatives but is requesting additional water from their provider, Monterey Peninsula Water Management District, to provide to the additional units.. The District presently allocates amounts of water to all of it cities. But new growth of any kind in the area will require more water, which the District may not have. The should be an interesting debate of state mandate versus water supply.



# MWDOC

## PAL Committee

*Prepared by Best Best & Krieger LLP*

*February 18th, 2020*

Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
<a href="#">SB 45</a>	<a href="#">Allen D</a>	Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020.	1/30/2020-In Assembly. Read first time. Held at Desk.	1/29/2020-A. DESK	Would enact the Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$5,510,000,000 pursuant to the State General Obligation Bond Law to finance projects for a wildfire prevention, safe drinking water, drought preparation, and flood protection program.	Out for Analysis	A. Priority Support/ Oppose	

### B. Watch

Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
<a href="#">AB 2148</a>	<a href="#">Quirk D</a>	Climate change: adaptation: regional plans.	2/10/2020-Read first time. To print.	2/10/2020-A. PRINT	Current law establishes the Integrated Climate Adaptation and Resiliency Program, administered by the Office of Planning and Research, to coordinate regional and local efforts with state climate adaptation strategies to adapt to the impacts of climate change, as specified. This bill would state the intent of the Legislature to enact legislation that would foster regional-scale adaptation, as specified; give regions a time to develop their regional plans, as specified; and consider, among other things, sea level rise and fire vulnerability.	Out for Analysis	B. Watch	
<a href="#">SB 797</a>	<a href="#">Wilk R</a>	Water resources: permit to appropriate: application procedure.	1/15/2020-Referred to Com. on N.R. & W.	1/15/2020-S. N.R. & W.	Current law requires the State Water Resources Control Board to issue and deliver a notice of an application as soon as practicable after the receipt of	Out for Analysis	B. Watch	

## Item 1e

					<p>an application for a permit to appropriate water that conforms to the law. Current law allows interested persons to file a written protest with regard to an application to appropriate water and requires the protestant to set forth the objections to the application. Current law declares that no hearing is necessary to issue a permit in connection with an unprotested application, or if the undisputed facts support the issuance of the permit and there is no disputed issue of material fact, unless the board elects to hold a hearing. This bill, if the board has not rendered a final determination on an application for a permit to appropriate water within 30 years from the date the application was filed, would require the board to issue a new notice and provide an opportunity for protests before rendering a final determination, with specified exceptions.</p>			
<b>Total Measures: 3</b>								
<b>Total Tracking Forms: 3</b>								



**Metropolitan Water District of Southern California**  
**State Legislative Matrix**  
**February 10, 2020**

<b>Bill Number Author</b>	<b>Amended Date; Location</b>	<b>Title-Summary</b>	<b>MWD Position</b>	<b>Effects on Metropolitan</b>
<b>AB 1071</b> <b>Limón (D)</b> Sponsor: California Climate and Agricultural Network	Amended 1/6/2020  Senate	<b>Climate change: agriculture:</b> <b>Agricultural Climate Adaptation Tools</b> <b>Program: grants.</b> Establishes a pilot program in the Central Valley, Central Coast and desert regions of the state where grant funding is available for the purposes of developing planning tools for adapting to climate change within the agricultural sector.	<b>SUPPORT</b>  Based upon Board Action on 7/9/2019	AB 1071 was amended to mirror language from AB 409 (Limón), which Metropolitan supported. The Metropolitan Board has formally adopted policies supporting research related to the effects of climate change on water supply and water quality. This measure provides funding and guidance to support resilient agricultural practices.
<b>AB 1580</b> <b>Levine (D)</b> Sponsor: Author	Amended 7/1/2019  Senate Appropriations Committee - Suspense File	<b>Major infrastructure construction</b> <b>projects: oversight committees.</b> Requires a state agency undertaking a publicly-funded infrastructure project of \$1 billion or more to form an oversight committee and develop a risk management plan to minimize cost overruns.	<b>OPPOSE</b>  Based upon Board- adopted 2019 State Legislative Priorities and Principles	To the extent the bill is aimed at proposed Delta conveyance, it is duplicative of the Delta Conveyance Design and Construction Authority (DCA). At the direction of the Department of Water Resources, the DCA is tasked to provide oversight and risk management in order to protect the ratepayers who will pay for and benefit from the project.
<b>SB 45</b> <b>Allen (D)</b> Sponsor: Author	Amended 1/23/2020  Assembly	<b>Wildfire, Drought, and Flood Protection</b> <b>Bond Act of 2020.</b> Would place a wildfire and water bond totaling \$5.51 billion on the November 2020 ballot for voter approval.	<b>SUPPORT AND AMEND</b>  Based upon Board action on 6/11/19	Would create statewide funding to restore areas damaged by wildfires, mitigate future wildfires, create healthy forests and watersheds, protect water supplies and water quality, and protect and restore rivers, streams and lakes. Seeking amendments to ensure adequate funding for safe drinking water needs, restoration projects that would benefit Voluntary Agreements for managing the Bay – Delta and the tributaries, and for recycled water projects.

**Item 1f**

**Metropolitan Water District of Southern California**  
**State Legislative Matrix**  
**February 10, 2020**

<b>Bill Number Author</b>	<b>Amended Date; Location</b>	<b>Title-Summary</b>	<b>MWD Position</b>	<b>Effects on Metropolitan</b>
<b>SB 69</b> <b>Wiener (D)</b>  Sponsors: California Coastkeeper Alliance and Pacific Coast Federation of Fishermen's Associations	Amended 7/11/2019  Assembly Appropriations Committee – Suspense File	<b>Ocean Resiliency Act of 2019.</b> Seeks to bolster the resilience of the state's marine and coastal environments to climate change and improve conditions for salmon and other commercially valuable species.	<b>WATCH</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	Would replace existing forestry, fishery and water quality regulatory processes with entirely different approaches in the hope of improving conditions for fish upstream of the Delta and in the ocean along the California coast.
<b>SB 204</b> <b>Dodd (D)</b>  Sponsor: Delta Counties Caucus	Amended 5/17/2019  Assembly Water, Parks and Wildlife	<b>State Water Project: contracts.</b> Revises the notification requirements for pending State Water Project (SWP) contract negotiations and contract amendments. Additionally, explicitly requires the California Water Commission to review and report on the progress of the design, construction, and operation of any new Delta conveyance facility as a part of its annual review of the SWP.	<b>WATCH</b>  Based upon Board-adopted 2019 State Legislative Priorities and Policies	Recent amendments adhere to the author's stated purpose and delete objectionable provisions related to the Delta Conveyance joint powers authorities. Bill provides for further transparency on any future amendments to State Water Project contracts as described in Water Code Section 147.6 (c) and construction of future Delta conveyance improvements.

**Metropolitan Water District of Southern California**  
**State Legislative Matrix**  
**February 10, 2020**

<b>Bill Number Author</b>	<b>Amended Date; Location</b>	<b>Title-Summary</b>	<b>MWD Position</b>	<b>Effects on Metropolitan</b>
<b>SB 414</b> <b>Caballero (D)</b>  Sponsor: Eastern Municipal Water District and California Municipal Utilities Association (CMUA)	Amended 6/25/2019  Assembly Appropriations Committee – Suspense File	<b>Small System Water Authority Act of 2019.</b> Authorizes State Water Resources Control Board (SWRCB) to merge small, non-noncompliant public water systems into regional water authority that will directly benefit from increased economies of scale and access to public financing.	<b>SUPPORT</b>  Based upon past support for AB 2050 (Caballero) from 2017/18	As introduced, SB 414 sets deadline for small water systems to comply with safe drinking water standards or consolidate into regional authority managed by SWRCB-appointed contractor until water system achieves self-sufficiency, complies with drinking water standards, and can reliably provide access to safe drinking water.
<b>SB 559</b> <b>Hurtado (D)</b>  Sponsor: Friant Water Authority	Amended 7/3/2019  Assembly Appropriations Committee- Suspense File	<b>Department of Water Resources: grant: Friant-Kern Canal.</b> Seeks to address problems of land subsidence on the federally-owned Friant Kern Canal.	<b>SUPPORT IF AMENDED</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	Addresses land subsidence in the Central Valley but only focuses on impacts to the Friant Kern Canal. Metropolitan seeking amendments to include the need to address subsidence problems on the California Aqueduct to ensure reliable water supply for southern California as well.



**DISCUSSION ITEM**

February 18, 2020

**TO: Public Affairs and Legislation Committee**  
(Directors Yoo Schneider, Barbre and McVicker)

**FROM: Robert Hunter, General Manager**

Staff Contact: Heather Baez

**SUBJECT: SOUTHERN CALIFORNIA WATER ISSUES CONGRESSIONAL  
DELEGATION BRIEFING LUNCHEON**

**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)

**SUMMARY**

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As customary, MWD OC co-hosts the Southern California Water Issues Congressional Delegation Briefing luncheon during the ACWA conference in Washington D.C.; and has once again partnered with regional neighbors, Eastern Municipal Water District (EMWD), Inland Empire Utilities Agency (IEUA), and Western Municipal Water District (WMWD). The luncheon is scheduled for Wednesday, February 26 at noon in the Capitol Visitor Center, South Congressional Meeting Room, #217.

The ACWA Washington D.C. conference is scheduled for Tuesday, 02/25/2020 - Thursday, 02/27/2020 at the St. Regis Hotel. ACWA is accepting online registration for the conference through February 8, 2019. Details about the conference from their website:

<b>Budgeted (Y/N):</b> Y	Budgeted amount: \$900, food and materials	Core X	Choice __
<b>Action item amount:</b> None		Line item: 31-7670	
<b>Fiscal Impact (explain if unbudgeted):</b>			

### Why Should You Attend?

Learn firsthand about current priorities of Congress and the Trump administration. Get the latest on infrastructure legislation, 2020 budget and funding for your programs of interest. Meet and join fellow water agencies to show the importance of California water issues. Be in D.C. early to better develop your federal legislative and regulatory strategies.

### What Can You Expect?

Hear from White House and Congressional leaders, top officials at EPA, Army Corps and Bureau of Reclamation. Learn the 2020 agendas of members of the California Congressional Delegation. Hear from 'DC Insiders' about the state of play in our nation's capital.

### **UPDATE FROM LAST MONTH**

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As reported last month, Congressman Ken Calvert and Congressman Lou Correa agreed to sign a "Dear Colleague" letter encouraging attendance at this year's event. Barker Leavitt delivered the letter to all of MWDOC's and our partnering agencies' delegation members. In addition, Barker Leavitt and the D.C. advocates for EMWD, IEUA and WMWD have been following up with offices via phone, email and in-person meetings to remind them of the event, the new location, and encourage attendance.

Staff from MWDOC, EMWD, IEUA and WMWD met to finalize and place the catering order, coordinate the "swag bags" and have sent reminders to member agencies to attend the event. The following MWDOC member agencies have RSVP'd for the luncheon:

- Irvine Ranch Water District
- South Coast Water District
- Orange County Water District
- Yorba Linda Water District
- East Orange County Water District
- Santa Margarita Water District

Staff from MWDOC and the partnering agencies continue to meet regularly to stay on schedule, work on details and identify any outstanding issues.



**ACTION ITEM**  
February 19, 2020

**TO: Public Affairs and Legislation Committee**  
(Directors Yoo Schneider, Barbre and McVicker)

**FROM: Robert Hunter, General Manager**

Staff Contact: Heather Baez

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

**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 second quarter (October-December 2019) of fiscal year 2019-2020, one trip was taken and one trip was booked.

The following is budgeted for fiscal year 2019/2020 for **directors**:

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

- Total cost for this quarter: \$1,675.86
- Year-to-date spent: \$1,675.86
- Budget remaining: \$9,124.14

Projecting for the third quarter of fiscal year 2019-2020, one trip has been scheduled for February 25-28.

<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>			

## STAFF

For the second quarter (October-December 2019) of fiscal year 2019-2020, zero trips were taken.

The following is budgeted for fiscal year 2019/2020 for **staff**:

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

- Total cost for this quarter: \$0
- Year-to-date spent: \$2,082.21
- Budget remaining: \$8,717.79

Projecting for the third 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 Delta Conveyance Project, PFAS, appropriations and 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 MWDOD and its member agencies.



**ACTION ITEM**  
February 19, 2020

**TO:** **Public Affairs and Legislation Committee**  
(Directors Yoo Schneider, Barbre and McVicker)

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

Staff Contact: Heather Baez

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

**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 second quarter (October-December 2019) of fiscal year 2019-2020, zero trips were taken:

The following is 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: \$603.98
- Budget remaining: \$4,196.02

<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 third quarter of fiscal year 2019-2020, no trips have been scheduled.

## STAFF

For the second quarter (October-December 2019) of fiscal year 2019-2020, three trips were taken, and four were scheduled:

- October 16-17 – Heather Baez
- October 24-25– Heather Baez
- November 13 – Heather Baez
- January 24 – Heather Baez (booked for 3<sup>rd</sup> quarter)
- February 21 – Heather Baez (booked for 3<sup>rd</sup> quarter, transferred to April 9)
- March 6 – Heather Baez (booked for 3<sup>rd</sup> quarter)
- April 3 – Heather Baez (booked for 4<sup>th</sup> quarter)

The following is budgeted for fiscal year 2019/2020 for **staff**:

Sacramento Legislative Travel - \$14,400, 24 trips

- Total cost for this quarter: \$3,252.59
- Year-to-date spent: \$5,396.33
- Budget remaining: \$9,003.67

Projecting out for the third and fourth quarter of fiscal year 2019-2020, one trip has been taken, and three have been scheduled:

- January 24 – Heather Baez
- February 21 – Heather Baez (canceled, ticket changed to April 9)
- March 6 – Heather Baez
- April 3 – Heather Baez
- April 9 – Heather Baez

The focus of the trips are safe and affordable drinking water, Human Right to Water, AB 401 (Low Income Rate Assistance program for water) implementation, California Water Portfolio, PSPS events and the use of emergency generators, the Delta Conveyance Project, and State Water Resources Control Board meetings.



**ACTION ITEM**  
February 19, 2020

**TO:** Board of Directors

**FROM:** **Public Affairs and Legislation Committee**  
(Directors Yoo Schneider, Barbre and McVicker)

Robert Hunter  
General Manager

Staff Contact: Heather Baez

**SUBJECT: CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) 2020-2022  
BOARD OF DIRECTORS CALL FOR NOMINATIONS – SOUTHERN  
NETWORK REGION, SEAT B**

**STAFF RECOMMENDATION**

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Staff recommends the Board of Directors discuss and determine if a member of the MWDOC Board of Directors would like to be nominated for the CSDA Board of Directors Southern Network, Seat B.

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**SUMMARY**

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An 18-member Board of Directors elected from its six geographical networks governs CSDA. Each of the six networks (Northern, Sierra, Bay Area, Central, Coastal and Southern) have three seats on the board with staggered three-year terms. Candidates must be affiliated with an independent special district that is a CSDA Regular Member in good standing located within the geographic network they seek to represent.

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

The CSDA Board of Directors is the governing body responsible for all policy decisions related to CSDA's member services, legislative advocacy, education and resources. The Board of Directors is crucial to the operation of the association and to the representation of the common interests of all California's special districts before the Legislature and the state administration.

CSDA is conducting a Call for Nominations for Seat B – Southern Network. Kathy Tiegs from Cucamonga Valley Water District (CVWD) had been elected to this seat in 2019 for the 2020-2022 term; however, she was not reelected to the CVWD Board, and is therefore ineligible to serve on the CSDA Board of Directors.

**Commitment and Expectations:**

- Attend all Board meetings, held every other month at the CSDA office in Sacramento.
- Participate on at least one committee, meets 3-5 times a year at the CSDA office in Sacramento.

(CSDA reimburses Directors for their related expenses for Board and committee meetings as outlined in Board policy).

- Attend CSDA's two annual events: Special Districts Legislative Days (held in the spring) and the CSDA Annual Conference (held in the fall).
- Complete all four modules of CSDA's Special District Leadership Academy within two years.

(CSDA does not reimburse for expenses for the two conferences or the Academy classes even if a Board or committee meeting is held in conjunction with the events).

**Nomination Procedure:**

Any Regular Member in good standing is eligible to nominate one person, a board member or managerial employee (as defined by that district's Board of Directors) for election to the CSDA Board of Directors. A copy of the member district's resolution or minute action along with the Nomination Form and Candidate Information Sheet must accompany the nomination.

Deadline for receiving nomination applications is March 6, 2020.

CSDA Southern Network Board Members will conduct interviews of candidates that submit nominations March 9-13, 2020, and will submit a Board appointment recommendation for consideration by the full CSDA Board on March 27, 2020. The newly appointed Board Member for the Southern Network Seat B will take office April 1, 2020.

**Attached:**

CSDA Nomination Form  
CSDA Candidate Information Sheet

JAN 27 2020

MWD OF OC



**California Special  
Districts Association**

*Districts Stronger Together*

**DATE:** January 22, 2020

**TO:** CSDA Voting Member Presidents and General Managers –  
Southern Network

**FROM:** CSDA Elections and Bylaws Committee

**SUBJECT: CSDA BOARD OF DIRECTORS VACANCY –  
CALL FOR NOMINATIONS: SEAT B – SOUTHERN NETWORK**

The CSDA Elections and Bylaws Committee is looking for independent special district Board Members or their General Managers from the Southern Network who are interested in leading the direction of the California Special Districts Association for the remainder of the 2020 - 2022 term, Seat B which is currently vacant.

The leadership of CSDA is elected from its six geographical networks. Each of the six networks has three seats on the Board with staggered 3-year terms. Candidates must be affiliated with an independent special district that is a CSDA Regular Member in good standing and located within the Southern Network (see attached CSDA Network Map).

The CSDA Board of Directors is the governing body responsible for all policy decisions related to CSDA's member services, legislative advocacy, education and resources. The Board of Directors is crucial to the operation of the Association and to the representation of the common interests of all California's special districts before the Legislature and the State Administration. Serving on the Board requires one's interest in the issues confronting special districts statewide.

**Commitment and Expectations:**

- Attend all Board meetings, usually 4-5 meetings annually, at the CSDA office in Sacramento.
- Participate on at least one committee, meets 3-5 times a year at the CSDA office in Sacramento.  
*(CSDA reimburses Directors for their related expenses for Board and committee meetings as outlined in Board policy).*
- Attend, at minimum, the following CSDA annual events: Special Districts Legislative Days - held in the spring, and the CSDA Annual Conference - held in the summer/fall.  
*(CSDA does **not** reimburse travel related expenses for the two conferences even if a Board or committee meeting is held in conjunction with the event, however registration fees are covered)*
- Complete all four modules of CSDA's Special District Leadership Academy within 2 years of being elected.  
*(CSDA does **not** reimburse expenses for the Academy classes even if a Board or committee meeting is held in conjunction with the event).*

- Complete Annual Chief Executive Officer Evaluation.

**Nomination Procedures:** Any Regular Member in good standing is eligible to nominate one person, a board member or managerial employee (as defined by that district's Board of Directors), for election to the CSDA Board of Directors. **A copy of the member district's resolution or minute action and Candidate Information Sheet must accompany the nomination. The deadline for receiving nominations is March 6, 2020. Nominations and supporting documentation may be mailed or emailed.**

Mail: 1112 I Street, Suite 200, Sacramento, CA 95814  
E-mail: [amberp@csda.net](mailto:amberp@csda.net)

Once received, nominees will receive a candidate's letter in the mail. The letter will serve as confirmation that CSDA has received the nomination.

CSDA Southern Network Board Members will conduct interviews of candidates that submitted nominations on March 9 – 13, 2020.

A Board appointment recommendation will be submitted by CSDA Southern Network Board Members for consideration by the full Board on March 27, 2020.

The newly appointed Board Member for the Southern Network Seat B will take office April 1, 2020.

If you have any questions, please contact Amber Phelen at [amberp@csda.net](mailto:amberp@csda.net).



California Special  
Districts Association  
*Districts Stronger Together*

**2020-2022 BOARD APPOINTMENT  
FOR SEAT B SOUTHERN NETWORK  
NOMINATION FORM**

Name of Candidate: \_\_\_\_\_

District: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Network: SOUTHERN

District Telephone: \_\_\_\_\_

Candidate Direct Telephone: \_\_\_\_\_

Best Time to Arrange a Call: AM ☐ PM ☐

Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐

E-mail: \_\_\_\_\_

Nominated by (optional): \_\_\_\_\_

**Return this form and a Board resolution/minute action supporting the candidate  
and Candidate Information Sheet by mail or email to:**

CSDA  
Attn: Amber Phelen  
1112 I Street, Suite 200  
Sacramento, CA 95814  
(877) 924-2732 (916) 442-7889 fax  
amberp@cda.net

***DEADLINE FOR RECEIVING NOMINATIONS – March 6, 2020***



California Special  
Districts Association  
*Districts Stronger Together*

**2020-2022 CSDA BOARD APPOINTMENT  
SEAT B SOUTHERN NETWORK  
CANDIDATE INFORMATION SHEET**

The following information **MUST** accompany your nomination form and Resolution/Minutes:

Name: \_\_\_\_\_

District/Company: \_\_\_\_\_

Title: \_\_\_\_\_

Elected/Appointed/Staff: \_\_\_\_\_

Length of Service with District: \_\_\_\_\_

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

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2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

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3. List local government involvement (such as LAFCo, Association of Governments, etc.):

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4. List civic organization involvement:

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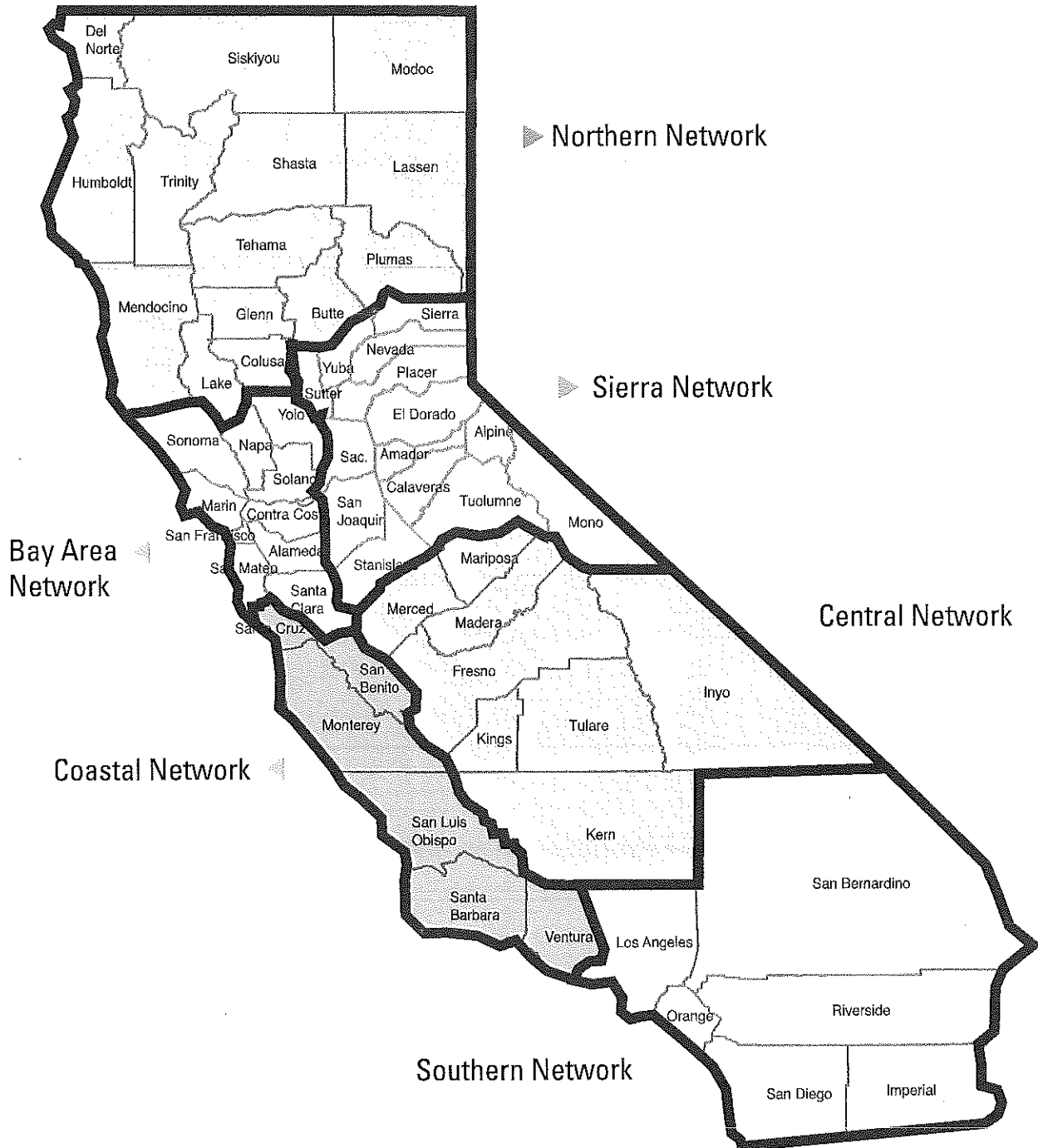
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**\*\*Additional Candidate Statement** – Please provide an additional statement that includes any personal or professional information that will assist the Board of Directors in making their selections. The preferred formatting for the statement is to be typed with 1-inch margins, 1.5 spacing, 12 pt. Times New Roman font, and no more than 2 pages.



California Special Districts Association

## DISTRICT NETWORKS







**INFORMATION ITEM**  
February 18, 2020

**TO:** **Public Affairs & Legislation Committee**  
(Directors Yoo Schneider, Barbre & McVicker)

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

Staff Contact: Damon Micalizzi

**SUBJECT:** **February 12, 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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At the time of this report, more than 180 people are registered to attend MWDOC's Water Policy Forum & Dinner, on Wednesday February 12, 2020, at the Avenue of the Arts Hotel in Costa Mesa. Metropolitan Water District of Southern California (Metropolitan) CEO and General Manager, Jeffrey Kightlinger is the keynote speaker concluding the year's speakers series.

Online registration closed the week before the event as registered attendees exceeded the seating capacity of the venue, vastly eclipsing previous attendance at Policy Dinners over the past two years. Staff is currently exploring options for a new hotel.

<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**

February 18, 2020

**TO:** **Public Affairs & Legislation Committee**  
(Directors Yoo Schneider, Barbre & McVicker)

**FROM:** **Robert Hunter, General Manager**  
Staff Contact: Damon Micalizzi

**SUBJECT:** **2020 OC Water Summit**

**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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NBC4 Weatherman, Fritz Coleman is once again confirmed to serve as Emcee for the 13<sup>th</sup> Annual OC Water Summit titled **20/20 Water: Breaking News**. Confirmed presenters also include renowned climate scientist, from the University of Alabama Huntsville, Dr. John R. Christy, Dr. Scott Bartell, Public Health and Epidemiologist at UC Irvine who will discuss PFAS and Metropolitan's expert in all things Bay Delta, Roger Patterson.

MWD OC is the lead agency for this year's event which will feature news stories facing the water industry and include sessions on Climate Change, the human and industrial effects on water quality, and necessary investments in critical infrastructure for future generations.

The 2020 OC Water Summit will be at the Disney Grand Californian Hotel on May 31, 2020.

The OC Water Summit Committee meeting dates are:

- Monday, February 24, 2020, 8:30 am
- Monday, April 27, 2020, 8:30 am

<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**

February 18, 2020

**TO:** **Public Affairs & Legislation Committee**  
(Directors Yoo Schneider, Barbre, McVicker)

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

Staff Contact: Sarah Wilson

**SUBJECT:** **School 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)

**SUMMARY**

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Contractors for the Municipal Water District of Orange County's (MWDOC or District) Water Education School Programs—Shows That Teach, Discovery Cube Orange County, and Bolsa Chica Conservancy—continue to schedule school visits for the 2019/2020 school year. As visits are booked, MWDOC School Program contractors update the shared Google Calendar so that MWDOC Board of Directors and participating member agencies can view school program visits as soon as they are confirmed. For convenience, included in this report is a two (2) month preview of scheduled visits. Please note that the shared Google Calendar is updated frequently, and will always have the most accurate information. Visits are subject to change due to school and teacher availability.

<b>Budgeted (Y/N): Y</b>	Budgeted amount: \$437,561	Core	Choice X
<b>Action item amount:</b>	Line item: 63-7040		
<b>Fiscal Impact (explain if unbudgeted):</b>			

## DETAILED REPORT

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### SCHOOL PROGRAM GOALS AND OBJECTIVES

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. Program contractors for all grade levels will use a [Next Generation Science Standards \(NGSS\) three-dimensional learning model](#) to guide students to solve environmental problems affecting their local communities, and enhance their ability to become responsible environmental stewards. Students will also be able to identify California water supply sources, and will learn more about how to apply 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 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.

### SHOWS THAT TEACH – ELEMENTARY SCHOOL (K-2)

In January 2020, Shows That Teach completed 10 school visits across the county reaching more than 2,560 students in grades K-2. For the 2019/20 school year, 7,740 students have participated in the MWDOC Elementary School Program (grades K-2), and more than 2,175 students have been booked to receive the program.

*“Kids enjoyed the songs and came back with an understanding of the content. I loved that there was lots of opportunity for helpers, and lots of opportunities to move around. We liked it a lot!”*

– Kindergarten teacher, Excelsior Elementary School

*“The assembly was very engaging and students had a great time learning about the water cycle. Students really enjoyed the music, actors, and hand motions.”* – 1<sup>st</sup>/2<sup>nd</sup> grade teacher, Roosevelt Elementary School

*“The performers were very engaging and did a great job of managing our large crowd of 1<sup>st</sup> and 2<sup>nd</sup> graders. The science of water and conservation was well presented in a fun way. They did a great at interacting with the audience and allowing them to take part in the fun.”* – 1<sup>st</sup> grade teacher, Santiago Elementary School

### DISCOVERY CUBE OC – ELEMENTARY (3-6) AND MIDDLE SCHOOL (7-8)

Through Discovery Cube Orange County (DCOC), the MWDOC Elementary School Program (grades 3-6) reached more than 2,905 students in January 2020 from 16 elementary schools across the county. To date, just over 7,969 students have participated in the MWDOC Elementary School Program (grades 3-6), and nearly 13,935 students have been booked to receive the program for the remainder of the 2019/2020 school year so far.

Through this program, students are tested on their water awareness with a keypad device before an assembly begins and at the conclusion of the assembly to measure concept understanding and retention. The following keypad response data demonstrates the average increase in student understanding after attending the January 2020 Elementary School Program assemblies:

- **Third Grade:** Students are tested on local climate and the ability of plants and organisms to survive in a particular climate. Students demonstrated a **7.22%** average increase in understanding from the pre- to post-test. (**59.95%** scoring correctly on the pre-test and **67.17%** on the post-test).
- **Fourth Grade:** Students are tested on the local ecosystem, water sources, and water use efficiency. Students demonstrated a **29.75%** average increase in understanding from the pre- to post-test. (**34.63%** scoring correctly on the pre-test and **64.38%** on the post-test).
- **Fifth Grade:** Students are tested on how the water cycle cleans and recycles freshwater supply and water use efficiency. Students demonstrated a **30.15%** average increase in understanding from the pre- to post-test. (**44.18%** scoring correctly on the pre-test and **74.33%** on the post-test).
- **Sixth Grade:** Students are tested on the forces that drive the water cycle and factors that influence the growth of organisms in our local area. Students demonstrated a **23.45%** average decrease in understanding from the pre- to post-test. (**44.80%** scoring correctly on the pre-test and **68.26%** on the post-test).

*“Very informative and engaging! It tied with the Social Studies curriculum currently taught.”*  
– 4<sup>th</sup> grade teacher, Davis Elementary School

*“Awesome presentation that is both very informative and engaging. Our presenter was well-prepared and great with the kids. They had fun and learned a lot. Thanks!”* – 3rd grade teacher, Davis Elementary School

*“The presentation was well prepared and very organized. The level at which the presentation, vocabulary, and visuals were given was perfect for the 3<sup>rd</sup> grade audience. Students were engaged and had high participation. It was clear that they understood the material and learned the concepts. Thank you!”* – 3rd grade teacher, Heninger Elementary School

In January 2020, DCOC completed one (1) school visit to Grace Christian School in Lake Forest reaching 20 students at the 7<sup>th</sup> grade level. Currently, DCOC has booked nearly 1,325 students to receive the MWDOC Middle School Program (grades 7-8) for the 2019/2020 school year. The interested middle schools are located in the City of Brea, City of Fountain Valley, and Yorba Linda Water District service areas. This is the first time since the school program’s inception that MWDOC has offered a middle school program.

### **BOLSA CHICA CONSERVANCY – HIGH SCHOOL (9-12)**

In January 2020, the Bolsa Chica Conservancy completed six (6) sessions of the MWDOC High School Program (grades 9-12) in two (2) classes at Dana Hills High School. To date, all 3 sessions have been completed at Dana Hills High School, El Toro High School, Edison High School, Mission Viejo High School, and Santa Ana High School. Additionally, program visits have been scheduled at Brea Olinda High School, San Clemente High School, and Westminster High School.

Through this multi-visit program, students in grades 9-12 are provided with hands-on, science-based learning stations and interactive activities covering topics such as water supply sources, water quality, and water use efficiency. Students are tested on their water awareness at the start of the first class session, and again at the end to measure concept understanding and retention. The following test results demonstrate the average increase in student understanding after attending the first session of the January 2020 High School Program at Dana Hills High School:

- **Class 1:** Students demonstrated a **47.00%** average increase in understanding from the pre- to post-test. (**40.00%** scoring correctly on the pre-test and **87.00%** on the post-test).
- **Class 2:** Students demonstrated a **36.50%** average increase in understanding from the pre- to post-test. (**38.00%** scoring correctly on the pre-test and **74.50%** on the post-test).

For the third session, students demonstrated what they learned through the program with an in-class presentation to their peers. Presentation topics included Orange County water supply, the importance of the Sacramento-San Joaquin Bay Delta, identifying school water savings, and ways to protect water quality.



*“The Bolsa Chica Conservancy staff were extremely knowledgeable. They were able to connect and motivate the students.” – Dana Hills High School teacher*

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 3-6 TUSTIN Red Hill	3 3-6 GARDEN GROVE 3-6 SANTA ANA	4 K-2 BREA Olinda	5	6	7
8	9 3-6 GARDEN GROVE 3-6 SERRANO Villa 9-12 WESTMINSTER	10 3-6 WESTMINSTER 9-12 WESTMINSTER	11 3-6 SANTA ANA	12 3-6 ANAHEIM K-2 WESTMINSTER	13 9-12 WESTMINSTER	14
15	16 3-6 BUENA PARK 3-6 GARDEN GROVE 9-12 SAN CLEMENTE	17	18 3-6 GARDEN GROVE	19 3-6 ANAHEIM Olive	20 3-6 ANAHEIM Olive	21
22	23 3-6 MESA WATER 3-6 SANTA ANA 3-6 WESTMINSTER	24	25 9-12 SAN CLEMENTE	26	27 3-6 TUSTIN Utt Elem 3-6 WESTMINSTER 3-6 YLWD Van Buren 9-12 SAN CLEMENTE	28
29	30 3-6 YLWD Ruby K-2 BUENA PARK	31	1	2 3-6 SANTA ANA Carr 7-8 BREA Brea	3 3-6 SANTA ANA Carr 3-6 SANTA ANA 3-6 YLWD Sierra 7-8 BREA Brea 7-8 FOUNTAIN K-2 SANTA ANA	4

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
	3-6 YLWD Ruby K-2 BUENA PARK			3-6 SANTA ANA Carr 7-8 BREA Brea	3-6 SANTA ANA Carr 3-6 SANTA ANA 3-6 YLWD Sierra 7-8 BREA Brea 7-8 FOUNTAIN K-2 SANTA ANA	
5	6	7	8	9	10	11
	3-6 WESTMINSTER	3-6 LA HABRA			3-6 ORANGE Taft	
12	13	14	15	16	17	18
	3-6 SANTA ANA	3-6 SANTA ANA	3-6 SANTA ANA	3-6 SAN CLEMENTE	3-6 MNWD Bergeson 7-8 YLWD Travis 9-12 BUENA PARK	
19	20	21	22	23	24	25
	3-6 MNWD McDowell	3-6 HUNTINGTON	3-6 HUNTINGTON	K-2 HUNTINGTON	9-12 BUENA PARK	
26	27	28	29	30	1	2
					9-12 BUENA PARK	





**INFORMATION ITEM**

February 18, 2020

**TO: Public Affairs & Legislation Committee**  
(Directors Yoo Schneider, Barbre, McVicker)

**FROM: Robert Hunter, General Manager**

Staff Contact: Tiffany Baca and Sarah Wilson

**SUBJECT: Education Program Initiatives**

**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)

**SUMMARY**

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Over the past year, the Municipal Water District of Orange County's (MWDOC or District) involvement in youth education has grown exponentially and has expanded far beyond the MWDOC school programs. MWDOC Public Affairs staff (PA) has been building a strong working relationship with three statewide leaders in K-12 education and environmental literacy - the State Education and Environment Roundtable (SEER), Ten Strands, and long-time partner the Orange County Department of Education (OCDE) – which includes Inside the Outdoors (ITO).

This unique partnership has given MWDOC access to the individuals and entities who specialize in K-12 education, and who have also, over the past many years, been leading development of environmental literacy across California.

With more access and exposure to top-level educators and thoughtful, engaging curriculum, MWDOC PA has opened the door to new, exciting opportunities to inform and inspire local,

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

and statewide students, teachers, administrators, school and water districts, as well as other community-based organizations.

## DETAILED REPORT

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For nearly five (5) decades, MWDOC has been offering a water education program to Orange County elementary school students. In 2015, MWDOC introduced a high school program, and just this year, the District closed the gap from elementary to high school by adding a middle school program to the mix. To date, more than three (3) million Orange County students have learned about water, and water resources under a very successful, well-respected water education program.

Nearly a year ago, MWDOC PA was introduced to two (2) statewide leaders in K-12 education through a California Next Generation Science Standards Environmental Literacy professional training course for educators. The introduction was made by long-time partner OCDE, and together, MWDOC PA, SEER, Ten Strands, and OCDE began a strong working relationship driven by shared values in order to make relevant, timely, impactful water education available to all Orange County students.

SEER's team has written the majority of environmental content in the State Board of Education's Science, History-Social Science, Health, and Visual and Performing Arts Frameworks. Prior to that, SEER led the development of the State's Education and Environment Initiative (EEI), a state-approved K-12 environmental curriculum. Ten Strands formulated and leads the California Environmental Literacy Initiative (CAELI), which is increasing the integration of environmental literacy into California's K-12 Education system. OCDE through ITO is serving as a statewide model of connecting environmental literacy to county offices of education, and giving students real-world environmental learning experiences.

Working with these statewide leaders, MWDOC PA has begun the process of re-envisioning its K-12 school programs with the intent of being more directly connected to the academic needs of students and teachers. Over the next few years, this process will significantly increase the demand for MWDOC education and school programs, and will help develop the knowledgeable water stewards we will need to resolve water resource challenges of today and tomorrow. MWDOC's groundbreaking work in this area has the potential to serve as a model for water districts throughout the State.

With nearly four (4) decades of experience working with state and national agencies, school districts, and public schools, Dr. Gerald Lieberman, Director and Founder of SEER and author of "[Education and the Environment](#)" and "[Closing the Achievement Gap](#)," says of this endeavor, "through this effort we expect to help increase the scope and effectiveness of MWDOC's water education offerings, as well as modeling how other water districts across the nation can establish programs important to students, teachers, and the community at large."

## MWDOC SCHOOL PROGRAMS

For nearly five (5) decades, the MWDOC Water Education School Programs have provided MWDOC and its participating member agencies the opportunity to engage Orange County K-12 students, and their teachers and families, in comprehensive, water-focused lessons

that teach the value and importance of thoughtful water stewardship. Through interactive assemblies and in-class activities that support academic standards and science framework established by the State, students build a foundation of water knowledge that prepares them to make informed decisions about how water is used, and how best to protect the quality and quantity of water. The MWDOC Water Education School Programs are an investment in our next generation of responsible citizens who will be better equipped for active citizenship as well as for academic and career success.

### **CALIFORNIA ENVIRONMENTAL LITERACY INITIATIVE (CAELI)**

In May and June 2019, MWDOC PA was invited by Ten Strands, SEER, and OCDE to participate in a training for community-based organizations, and a professional learning course for educators respectively, to help integrate [Environmental Principles and Concepts \(EP&Cs\)](#) into standards-based classroom lesson plans. In July 2019, Public Affairs Manager Tiffany Baca, was asked to write an [article](#) for Ten Strands highlighting the training provided, and shortly thereafter, was selected to interview for, and ultimately accept a position on the CAELI Leadership Council. The Leadership Council is primarily made up of high-level educators and education administrators; Ms. Baca is the only member who represents the water-energy sector, and provides valuable context about the needs and initiatives of the water industry.

In 2019, three (3) information items introducing CAELI were submitted to the MWDOC Board for the Public Affairs and Legislative Committee (PAL) meeting. The first was in [July](#), the second in [September](#), and the third in [October](#). In short, CAELI is a public-private partnership that has created a system of support throughout California for students and teachers, allowing them access to local environment and standards-based learning and instructional materials that enhance their understanding of core subjects both inside and outside of the classroom.

In 2003, [AB-1548](#) – a bill that calls for increased environmental literacy of students in K-12 – was signed into law. In 2004, EP&Cs were created and adopted, and from 2006 to 2010, curriculum was developed and EP&Cs were integrated into the California History-Social Science and California Next Generation Science Standards frameworks. Most recently, EP&Cs were also integrated into the Visual and Performing Arts Framework. Additional law—[SB-720](#)—was adopted in 2018 that directs educators to support environmental literacy, and codifies EP&Cs.

CAELI brings together resources, experience, and expertise to inspire collaborations and expand learning capacity. Through participation in this effort, MWDOC's education efforts have grown exponentially. Opportunities to engage with educators and administrators have led to a deeper understanding of their needs, and has earned the District a leadership position in education across the State.

### **CALIFORNIA NEXT GENERATION SCIENCE STANDARDS (NGSS) STATEWIDE ROLLOUT**

The NGSS Rollouts are a two-day, statewide professional learning opportunity for K-12 educators, administrators, academic coaches, and curriculum leads. The events guide participants in grade-appropriate learning sequences with an environmental literacy focus, and are presented by the California County Superintendents Educational Services

Association/County Offices of Education, K-12 Alliance/WestEd, California Science Project, and the California Science Teachers Association. Orange County events are hosted by the Orange County Department of Education, and MWDOC's role is to provide direction, strategies, and real-world examples to teachers, districts, and other organizations in order to help them understand, identify, and seek out impactful community-based partners. MWDOC PA participates on session panels, and hosts information booths for 250-300 participants. MWDOC PA has also engaged other Orange County community-based partners to participate in the events, including the Wyland Foundation, Bolsa Chica Conservancy, and Orange County Coastkeeper to name a few.

### **SUPPORT IN SCIENCE TECHNOLOGY ENGINEERING AND MATH (STEM) AND STEAM (STEM PLUS ARTS) EDUCATION**

Working with OCDE, the OCSTEM Initiative, and Girl Scouts of Orange County, MWDOC PA has provided educators and students across the county with water system, supply, and industry career information. In an ever-changing complex world, it has become more and more evident that young people need to be better prepared to approach and solve problems, make sense of information they have on hand, and know how to gather and evaluate evidence to make important decisions. These skills can be effectively developed through science, technology, engineering, math, and art —disciplines collectively known as STEM and STEAM respectively.

MWDOC PA has provided presentations, offered information, hosted expo or festival workshops, and participated alongside educators as they worked through design challenges in emerging pedagogies such as biomimicry. MWDOC is also a member of the Girl Scouts of Orange County STEM Consortium, the first collaboration of its kind in Orange County where Girl Scouts work with leading STEM companies to bring vital STEM experiences to girls across Orange County.

### **CALIFORNIA WATER ENERGY EDUCATION ALLIANCE LEADERSHIP ROUNDTABLE (WEEA)**

WEEA operates under the guidance of California Environmental Education Foundation (CEEF), an organization that was established at the recommendation of the State Superintendent's Environmental Education Task Force Steering Committee in 2003. CEEF's mission is to promote environmental literacy and stewardship by identifying and coordinating efforts that support the highest standards of practice, and increase the flow of focused resources to those efforts.

WEEA was created to identify key strategies that strengthen career pathways and partnerships between southern California school districts and the water-energy sectors. WEEA creates a community where leaders from education, business, and water-energy sectors can work together to build Career Technical Education (CTE) programs in southern California high schools, and find solutions to attract and draw in younger, and more diverse workers. Through this unique membership, PA staff is meeting with the North Orange County Regional Occupational Program (ROP) to first develop a survey for MWDOC's member agencies that identify career pathway needs, and discuss next steps for engaging school districts and local colleges to explore and create CTE programs.

## **METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA (METROPOLITAN) EDUCATION COORDINATORS**

Metropolitan Education Coordinators are a network of Metropolitan member agency educators from throughout southern California who share information and expertise on implementing education and outreach programs and projects within Metropolitan's service area. Metropolitan Education Coordinators communicate frequently through email exchange, and meet in person quarterly for presentations, to share ideas and resources, and to expand professional growth. MWDOC PA has shared many best practices and resources with the group that have been implemented by Metropolitan member agencies including: Water Awareness Poster Contest, Scouts Programs, School Programs, environmental literacy, and more. In addition to providing presentations to the group, MWDOC PA has also provided expert speakers for the quarterly meetings who are current partners of the District.

"There are a lot of really intense, technical things going on in education right now and MWDOC has a unique talent for helping the rest of us make sense of it." – Dr. Adrian Hightower, Education Unit Manager, Env SP, Metropolitan

## **DEPARTMENT OF WATER RESOURCES (DWR) WATER EDUCATION COMMITTEE (WEC)**

The DWR WEC is a network of water and wastewater educators from throughout California who share ideas, expertise, and best practices in education and communication/outreach. The WEC communicates continuously through emails, and meets in person twice per calendar year – once in the northern part of the state, and once in the southern – for professional development, networking, and thought-sharing.

The goals of WEC are to facilitate and encourage collaboration and resource sharing among participating agencies, advance members' knowledge and understanding of water resource management issues in California, and build members' skills and abilities in the fields of water and wastewater education, as well as in public outreach and communication.

Recently, DWR shared the article on environmental literacy written by Ms. Baca with WEC (see CAELI section above). Several members re-shared it with their respective boards and councils, and because of the interest it inspired, Ms. Baca was asked to provide an overview of environmental literacy to attendees' at the most recent WEC meeting in Santa Barbara.

## **ORANGE COUNTY SPECIFIC EDUCATION OPPORTUNITIES**

### **MWDOC COMMUNITY EVENTS**

MWDOC's participation in community events throughout Orange County is an invaluable opportunity to connect and interact with local residents of all ages. MWDOC PA engages event attendees in discussions about water-wise behaviors, answers questions about water supply, local projects, drought, and more, and shares information about MWDOC's available education programs, resources, and incentives. MWDOC PA also offers Ricky Raindrop appearances to support MWDOC member agencies and its partners at applicable, family-friendly events, promoting water awareness and water efficient practices in a fun,

memorable, and educational way. As the symbol for Orange County water education, Ricky identifies with adults and children alike, and his appearances at local events have helped inspire and encourage water-saving behaviors.

### **MWDOC SCOUTS PROGRAMS**

The MWDOC Scouts Programs are yet another opportunity to educate Orange County youth about where their water comes from, the challenges of getting water to Orange County, and how to be more water efficient.

MWDOC partners with the Orange County Council - Boy Scouts of America (BSA) to help Scouts earn their Soil and Water Conservation Merit Badge. Since it is a pre-existing program within BSA, there are strict requirements for earning the Badge. Boy Scouts participate in a 4-hour clinic hosted by MWDOC and its member agencies and/or partners. Within the four (4) hours, they complete a guided tour of an Orange County water source, water treatment facility, or ecological reserve, and participate in interactive learning stations that include hands-on STEM activities led by MWDOC PA. BSA requires a one (1) counselor to every eight (8) Scouts ratio. Counselors must be provided by the clinic host, and are vetted through a series of applications and training sessions. To date, nearly 500 Scouts have earned their Badge through the program.

MWDOC also partners with Girl Scouts of Orange County to present the MWDOC Water Resources and Conservation Patch Program. MWDOC PA designed the program and patch in-house, and developed the activities completed during the clinics. The 2-hour STEM-based clinic includes a guided tour of an Orange County water source, water treatment facility, or ecological reserve, and interactive learning stations that include hands-on STEM activities led by MWDOC PA. The award-winning Water Resources and Conservation Patch program educates Girl Scouts about where their water comes from, the importance of Orange County water resources, and how to be good water stewards. To date, 250 Girl Scouts have earned their Patch since beginning the program in 2018.

### **CHILDRENS WATER FESTIVAL**

The Children's Water Festival – now in its 24<sup>th</sup> year – is hosted by the Orange County Water District, Disneyland Resort, and National Water Resource Institute. Each year, MWDOC hosts a hands-on learning booth for approximately 300 students over the course of the two-day event. In addition to providing Orange County water supply information and the benefits of good water stewardship, MWDOC PA engages students in an interactive STEM-based activity. This year, students will be guided to build a water distribution system from marble run components using a pre-assembled model as reference.

### **MOST RECENT ONE-OFFS**

#### **YESWORKS YOUTH EMPLOYMENT SERVICES PROGRAM (YES) – COSTA MESA HIGH SCHOOL**

For five decades, YES has served as a connector between 16-24 year olds seeking employment, and businesses seeking proficient, enthusiastic employees. Recently, MWDOC PA participated on mock interview panels for Costa Mesa High School's career-ready seniors as required by their Senior Exit Projects.



## REACH FOUNDATION PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT – EXPERIENCE YOUR ENVIRONMENT AND ECO CHALLENGE

Experience Your Environment is a family-friendly event that begins with a guided hike and a conversation with attendees about the fire cycle, drought, the water cycle, Orange County water supply, native plants near the Redwood grove, and more. MWDOC PA will participate on the hike, introducing attendees to various environmental challenges related to water, and will assist students as project mentors if they decide to participate in the ECO Challenge academic competition.

### IN SUMMARY

MWDOC PA will continue to advance the District's involvement and growth in critical water education for Orange County K-12 students and educators. MWDOC PA is working now with leading, well-respected education professionals to revise MWDOC school program goals and objectives to better align with current California academic frameworks. The District's plan for rolling out environmental literacy in Orange County is underway, and in the next few months, training on NGSS and the [Three Dimensional Learning Model](#), as well as EP&Cs, will be provided to MWDOC school program contractors, a select group of Orange County teachers, and other identified community-based organizations that also offer environment-based education programs. **92% of funding for this training has already been secured** from Metropolitan, Ten Strands, SEER, OCDE, and OCSTEM.

Additionally, in the next few months, MWDOC PA will invite MWDOC and Metropolitan member agency staff, leading education professionals, and Orange County community-based organizations to attend a learning workshop on environmental literacy outlining what it means for Orange County water education programs. Because of the vast amount of interest MWDOC PA has received from water, wastewater, environmental, and transportation industry professionals across the State, the program will be taped, and shared with those interested in learning more about the statewide initiative.

**Public & Governmental Affairs Activities Report  
January 9, 2020 – February 11, 2020**

<b>Member Agency Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Prepared materials for the MWDOC member agency toolkits on PFAS and the Westminster Pocket Park</li> <li>• Began planning and preparation for the February 20 Public Affairs Workgroup</li> <li>• Began preparation for the 2020 Water Awareness Poster Contest</li> <li>• Attended the Water Use Efficiency Coordinators meeting and provided a Public Affairs update</li> <li>• Attended the Tiger Dam Emergency Flood Barrier Demonstration</li> </ul> <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Coordinating with Joe Berg, reached out to cities in Orange County reminding them to file missing Model Water Efficiency Landscape Ordinance (MWELo) reports.</li> <li>• Sent information including links to file MWELo reports to various cities in the county</li> </ul>
<b>Community Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Coordinated, facilitated, and staffed the January 11 Girl Scouts Water Resources and Conservation Patch Program with El Toro Water District</li> <li>• Provided Orange County Sanitation District with information regarding MWDOC Scouts Programs</li> </ul>
<b>Media Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Coordination of Orange County Register OC Water Reliability sponsored content feature</li> <li>• Developed and published February eCurrents newsletter</li> <li>• Developed and submitted news release announcing Vicki Osborn as the new MWDOC Director of Emergency Management</li> </ul>
<b>Education</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Participated in the Metropolitan Water District of Southern California Education Coordinators meeting</li> <li>• Participated in the 2-day Department of Water Resources Water Education Committee Meeting in Santa Barbara</li> <li>• Participated in the Youth Employment Services Program mock interviews for Costa Mesa High School seniors</li> <li>• Presented at the OC STEM Initiative Lunch and Learn for Orange County educators and administrators</li> <li>• Participated in the California Water Energy Education Alliance (WEEA) Leadership Roundtable meeting hosted at Los Angeles Department of Water and Power</li> </ul>



	<ul style="list-style-type: none"> <li>• Coordinated MWDOC High School Program observation with South Coast Water District and Bolsa Chica Conservancy at Dana Hills High School</li> <li>• Provided MWDOC High School Program contractor, Bolsa Chica Conservancy, with member agency education contacts</li> <li>• Provided information and resource support to Bolsa Chica Conservancy, East Orange County Water District, City of Tustin, City of San Juan Capistrano, City of Santa Ana, Santa Margarita Water District, City of Brea, and City of Westminster regarding MWDOC High School Program</li> <li>• Coordinated MWDOC Elementary School (K-2 and 3-6) Program observations with Shows That Teach, Discovery Cube Orange County, City of Westminster, and Moulton Niguel Water District</li> <li>• Provided MWDOC Water Education School Program observer survey to Moulton Niguel Water District for both K-2 and 3-6 programs</li> <li>• Provided MWDOC Water Education School Program contractors—Shows That Teach, Discovery Cube Orange County, and Bolsa Chica Conservancy—with grade-band specific program flyers for promotional use</li> <li>• Responded to teacher interest form requests submitted through MWDOC School Program webpage and coordinated visit approval with Shows That Teach, Discovery Cube Orange County, City of Westminster, Moulton Niguel Water District, and Santa Margarita Water District</li> <li>• Responded to teacher interest form request submitted through MWDOC School Program webpage and provided information and appropriate contact for Irvine Ranch Water District and City of Fountain Valley</li> <li>• Provided Water Industry Careers Flyer to Bolsa Chica Conservancy to assist students in their 3<sup>rd</sup> school program visit presentations</li> <li>• Worked with education partners State Education and Environment Roundtable and Orange County Department of Education's Inside the Outdoors, and ProjectWET, to provide South County teacher with additional resources to help integrate the MWDOC Water Awareness Poster Contest into two schools</li> <li>• Provided FY 2018/19 actual student counts to City of Santa Ana</li> <li>• Provided MWDOC Elementary School and Middle School program information to the City of Fountain Valley</li> <li>• Provided Santa Ana school teacher representing the Westminster School District with information on MWDOC Water Education School Programs</li> <li>• Participated in two (2) California Environmental Literacy Initiative Leadership Council meetings</li> <li>• Continued to rework MWDOC school program goals</li> <li>• Spoke with North Orange County Regional Occupational Program Manager about developing a survey for Orange County water and wastewater utilities to identify workforce needs</li> </ul>
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<b>Special Projects</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Participated in several meetings with Directors and Orange County Water District Staff in preparation for the 2020 OC Water Summit</li> <li>• Continue to secure speakers and sponsors for the OC Water Summit</li> <li>• Prepared and presented Public Affairs Goals and Objectives for 20/21 and beyond for the Board</li> <li>• Prepared the first draft Public Affairs Budget for FY 20/21</li> <li>• Coordinated event logistics with Avenue of the Arts Hotel for the February 12 Water Policy Forum &amp; Dinner</li> <li>• Accepted on-going registration and completed a variety of event logistics for the February 12 Water Policy Dinner</li> <li>• Participated in one (1) CalDesal Communications and Outreach Committee meeting, and (1) CalDesal Social Media Subcommittee meeting</li> <li>• Provided Water Emergency Response Organization of Orange County a recommended color palette for new logo design</li> <li>• Finalized a video announcing the Xtreme Water Makeover contest winner – posted to social media</li> <li>• Worked with contractor HashtagPinpoint to finalize the 2019 MWDOC social media audit</li> <li>• Completed several mwdoc.com webpage updates</li> <li>• Developed and posted social media content</li> </ul> <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Staffed the January WACO meeting focusing on response to Constituents of Emerging Concern</li> <li>• Identified updated needs for both the WACO and ISDOC pages on the MWDOC website and coordinated with Public Affairs staff</li> <li>• Drafted letters on behalf of ISDOC updating the membership to the Orange County Operational Area Board</li> <li>• Coordinated with CSDA and finalized details for the upcoming ISDOC hosted Form 700 workshop, including assisting on the draft invite, developing mail and email invite lists, facilitating payment, and confirming details</li> <li>• Invited speakers for the February WACO program on Housing and Water</li> <li>• Developed panelist questions for February WACO program</li> <li>• Participated in a conference call with EMWD, IEUA, and WMWD to finalize menu and room details for the DC luncheon</li> <li>• Sent invitation to local legislative staff encouraging them to attend the February 12 Water Policy Dinner</li> <li>• Sent invitations to March WACO speakers</li> <li>• Coordinated details for January 30 ISDOC Quarterly Luncheon including registration, payments, catering, agenda, and talking points, and other logistics</li> <li>• Handled inquiries from the City of Westminster and the City of Buena Park regarding SB 998 compliance and implementation</li> <li>• Staffed the ISDOC Quarterly Luncheon featuring the Orange County Registrar of Voters</li> </ul>
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	<ul style="list-style-type: none"> <li>• Staffed the ISDOC Executive Committee meeting</li> <li>• Coordinated with OC LAFCO and the OC Auditor-Controller on an appropriate timeline for an alternative dues formula for the special districts portion of the LAFCO budget</li> </ul>
<b>Legislative Affairs</b>	<p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Participated in the Southern California Water Coalition Legislative Task Force Annual Planning Meeting at IEUA</li> <li>• Met with staff representatives from MWD, State Contractors, Upper District and IEUA to discuss issues and focus for the 2020 legislative session</li> <li>• Monitored the MWD Conservation and Local Resources Committee meeting featuring an update from Nancy Voegel on the California Water Resiliency Portfolio</li> <li>• Participated in the ACWA Region 10 State Legislative Committee meeting pre-call with participants in Orange and San Diego counties</li> <li>• Met with the County of Orange legislative director to discuss legislative priorities for 2020</li> <li>• Participated in the ACWA State Legislative Committee meeting in Sacramento</li> <li>• Attended the California Municipal Utilities Association (CMUA) annual Capitol Days in Sacramento featuring speakers: Senate Pro Tem Toni Atkins, Assemblymember Chris Holden, Senator Brian Dahle, Assembly Water, Parks and Wildlife consultant Catherine Freeman, Senator Ana Caballero, Senator Ben Allen, and Assemblymember Cecilia Aguiar-Curry.</li> <li>• Participated in the ACWA Federal Affairs Committee meeting</li> <li>• Participated in the MWD Member Agencies Legislative Coordinators meeting</li> <li>• Participated in the Southern California Water Coalition Legislative Taskforce meeting</li> <li>• Participated in the CMUA/MWD CEC legislation working group meeting</li> <li>• Participated in the Association of Metropolitan Water Agencies Legislative Committee meeting</li> <li>• Monitored the Assembly Water, Parks and Wildlife Committee Information hearing – What Happens to Water Supplies During a Public Safety Power Shutoff?</li> </ul>