

MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PUBLIC AFFAIRS AND LEGISLATION COMMITTEE
May 20, 2019, 8:30 a.m.
Conference Room 101

Committee:

Director Dick, Chair
Director Thomas
Vacant

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

Ex Officio Member: Director Barbre

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

ACTION ITEMS

2. TRAVEL TO WASHINGTON, DC TO COVER FEDERAL INITIATIVES
3. TRAVEL TO SACRAMENTO TO COVER STATE INITIATIVES

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.)

4. 2019 OC WATER SUMMIT (MAY 31, 2019)
5. 2019 MWD OC WATER AWARENESS POSTER CONTEST
6. EDUCATION PROGRAMS UPDATE
7. PUBLIC AFFAIRS ACTIVITIES REPORT

OTHER ITEMS

8. 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.

JAMES C. BARKER, PC
ATTORNEY AND COUNSELOR AT LAW
FIFTH FLOOR
1050 THOMAS JEFFERSON STREET, NW
WASHINGTON, DC 20007
(202) 293-4064
jimbarker@jcbdc.com

Nicholas Crockett
Allison Leavitt

Municipal Water District of Orange County, California
Washington Update
May 14, 2019

Appropriations:

It is instructive to reexamine President Trump's recommended budget priorities to the Congress earlier this spring. As part of the roll out of the President's budget, the Trump Administration requested a 14% cut in spending for the entire Interior Department in his fiscal 2020 budget proposal.

The White House's proposed budget for the EPA requested a cut of 31% and virtually every major EPA program would be hit, according to EPA budget request. That included popular programs such as the two water-based state revolving funds.

The budget also proposed eliminating dozens of programs at EPA. Among them are a \$9.5 million beach protection program, and \$13 million for water infrastructure and environmental programs along the Mexican border.

The Trump administration proposed slashing the two primary programs by which the federal government helps communities upgrade drinking water and sewer infrastructure by 31 percent. Specifically, the Clean Water SRF was to be reduced to \$1.12 billion under the proposal, a cut of 34 percent, and the Drinking Water SRF was recommended to see a budget of \$863 million under the spending blueprint, a reduction of 26 percent from fiscal 2019 enacted levels.

The proposal also called for a 60 percent cut to WIFIA, the new program that loans money for water infrastructure projects at Treasury's long-term interest rate and can leverage billions more in investment. The proposal would slash that program's funding from the \$63 million it received last year down to \$25 million. These programs have been very popular with lawmakers on both sides of the aisle on Capitol Hill, and Members of Congress and senior staff

in the House advise us that proposed cuts to the programs will not be accepted by the Appropriations Committee Members.

On May 15th, the House Appropriations Committee will be considering their Energy and Water Appropriation's Bills.

We have learned that notwithstanding the President's recommendations, House Appropriators are slated to increase spending by 4% in the Energy and Water Appropriations bill and by 4.5% in the Interior / EPA Bill. Most of the existing programs in these different agencies should receive funding levels at, or slightly higher, than last year's appropriated levels.

We will keep you posted on these developments as documents are released.

The Colorado River Drought Contingency Authorization Act:

On April 8, 2019, the House passed HR 2030, the Colorado River Drought Contingency Act, and the Bureau of Reclamation is proceeding with their Colorado River reservoir operations now that they have a water sharing agreement and statutory language in place to make key management decisions.

The Doheny Beach Desal Project:

We are monitoring the House Energy and Water Appropriations Subcommittee consideration of the WIIN Act requirements for the listing of projects eligible to receive federal grant funding. The South Coast Water District is expected to receive an \$8.3 Million Federal Bureau of Reclamation Grant for its Doheny Beach Desal Project. Under the terms of the 2016 WIIN Act, projects which are slated to receive federal grants must be listed in the Energy and Water Appropriations Bills. We have worked closely with the office of Congressman Levin and he and five other Members of Congress sent a letter to the House Energy and Water Appropriations Committee asking them to list projects expecting Bureau of Reclamation Grants. Congressman Calvert (R-Ca) has also strongly supported the listing of this project in this spending bill.

Infrastructure Bill Update:

On April 30th, House Speaker Nancy Pelosi and Senate Minority Leader Chuck Schumer, along with other members of House and Senate Democratic leadership, met with President Trump and White House staff to try to set a path to pass an infrastructure bill. As previously reported, there has been some discussion that water infrastructure would be one of the elements of such legislation.

President Trump told attendees in the meeting that he could agree with the amount of \$2 trillion for an infrastructure plan but did not lay out a plan to pay for it. Every Democrat in the room pressed the President on what he was willing to do to cover the \$2 trillion price tag, including raising the gas tax and/or taxes on the wealthy. At that time, President Trump didn't engage on the question of how to pay for new infrastructure investments, and Democrats are waiting on him to propose something first. We anticipate a second meeting on this topic to occur in the next several weeks.

We are monitoring these developments and will keep you updated on any progress.

Disaster Relief Funding:

The Senate is scheduled to consider its version of the Disaster Relief Funding Bill next week which has been delayed due to issues associated primarily with Puerto Rico. This is the legislation which will provide federal funds to the State of California as a result of the devastating wildfires in the Western United States last year.

JCB 5/14/19



Memorandum

To: Municipal Water District of Orange County
From: Syrus Devers, Best Best & Krieger
Date: April 15, 2019
Re: Monthly State Political Report

Legislative Report

In General

The policy committee process has slowed to crawl and all the attention is on the Appropriations Committees. The deadline to move a bill out of a fiscal committee is Friday, May 17th, although no hearings are scheduled for Friday and the suspense file will be heard the day before. As of the day this report was prepared (Tuesday) there were already over 600 bills set for this week in the Assembly Appropriations Committee alone. Although Appropriations Committees are lobbied in the typical way during the year, due to the volume in the final week it is more about leadership deciding which bills will be allowed to go to the Floor. Protecting vulnerable members from compromising floor votes by holding controversial bills on suspense is one of the main ways leadership earns its keep.

What actually happens is that each fiscal committee consultant has an appointment with leadership where each bill under their jurisdiction is discussed, some more than others. This may happen as much as 5 days before the hearing, which requires the consultant to have their analyses already prepared. While there is a great deal of lobbying activity leading up to the suspense file hearing, and the consultants will dutifully sit there and listen, the final decisions are usually made as much as a week prior to the vote.

May Revise

On May 10th the Governor released the May revision to the Budget. As recently as 6 weeks ago it was rumored that revenues would be significantly lower than expected due to low returns in the first quarter. The abnormally low revenues turned out to be an anomaly from accelerated payments made in 2018 to take advantage of expiring federal deductions. Once revenues returned to normal they began to come in higher than projected. Corporate taxes came in well over 10% above projections and the LAO projected slightly above average growth out through the 2022-23 fiscal year. While there can be differences between the Governor's Department of Finance estimates and the more conservative LAO's, in this case both used similar growth estimates with the LAO projecting somewhat higher General Fund growth than the administration.



Tax on Water (Safe Drinking Water Fund)

Literally as this report was being written, the administration released new Budget Trailer Bill language. (BTB) A very quick scan (keeping in mind it's 43 pages) seems to indicate that some of language was adopted from AB 217 (Garcia), with the significant difference that the BTB still appears to require a tax on the customer's bill. AB 217 requires water districts to remit the specified amount based on the number of connections, and allows the district to pay the calculated amount from sources other than the rates charged to customers. It is rumored that the BTB will be heard in the Senate Budget Subcommittee on Wednesday, May 15th, the day after this report must be prepared. AB 217, along with every other bill of interest to MWDOC, will be heard the following day.

BB&K strives to make this written report as comprehensive as possible, but this month nearly all of the legislative outcomes of interest to MWDOC will happen between the date this report must be prepared to comply with Brown Act requirements and the date of the PAL Committee hearing. BB&K has no alternative but to provide the majority of its report during the oral presentation.

The County of Orange Report

May 14, 2019
by Lewis Consulting Group



The May 8th meeting of OCLAFCO included a timetable for Directors for the upcoming special district election for a new LAFCO representative following the vacancy triggered by the resignation of Charlie Wilson. The timetable is attached below.

AGENDA ITEM 11

LOCAL AGENCY FORMATION COMMISSION

ORANGE COUNTY



May 1, 2019

REGULAR MEMBERS

CHAIR
CHERYL BROTHERS
CITY MEMBER

VICE CHAIR
DOUGLASS DAVERT
SPECIAL DISTRICT MEMBER

IMMEDIATE PAST CHAIR
DEREK J. MCGREGOR
PUBLIC MEMBER

LISA BARTLETT
COUNTY MEMBER

DR. ALLAN BERNSTEIN
CITY MEMBER

DONALD P. WAGNER
COUNTY MEMBER

VACANT
SPECIAL DISTRICT MEMBER

ALTERNATES

WENDY BUCKNUM
CITY MEMBER

JAMES FISLER
SPECIAL DISTRICT MEMBER

LOU PENROSE
PUBLIC MEMBER

MICHELLE STEEL
COUNTY MEMBER

STAFF

CAROLYN EMERY
Executive Officer

TO: Independent Special Districts Presiding Officers

FROM: Carolyn Emery, Executive Officer

SUBJECT: **Appointment Process for OC LAFCO Regular and Alternate Special District Member Seats**

One of the two OC LAFCO Regular Special District Member seats was vacated on April 10, 2019. The expiration date of this term is June 30, 2020.

If the incumbent Alternate Special District member decides to run for and is elected to the regular special district seat, the alternate seat will also be open. The incumbent is not required to resign from the alternate seat if he decides to run for the open regular seat. Therefore, the OC LAFCO Executive Officer will accept nominations for both the regular and alternate special district seats. Nominations must be received by OC LAFCO no later than **3 PM** on Friday, June 7, 2019.

The appointment process for special district seats is governed by Government Code Section 56332 and the Independent Special District Selection Committee Bylaws. In accordance with the Committee's Bylaws, the appointment process is conducted by mailed ballot and attached to this notification are the following:

- (1) The "Declaration of Qualification to Vote" for designating the authorized regular voting member and the alternate voting member of your district, for this appointment process. This form must be returned to OC LAFCO no later than **3 PM** on **Friday, June 7, 2019**. Please note that if OC LAFCO does not receive the form by that date, your district will be ineligible to vote.
- (2) The "2019 Nomination Form" for submitting a candidate's name for the Regular and Alternate Special District seats. If your district is nominating a candidate for the OC LAFCO Regular and/or Alternate Special District Member seats, the form must be filled out completely and returned to OC LAFCO no later than **3 PM** on **Friday, June 7, 2019**. Candidate resumes or other supplemental

Appointment Process for OC LAFCO Regular and Alternate Special District Seats
 May 1, 2019
 Page 2 of 3

information may also be included and will be distributed with the ballots.

Both forms may be returned to OC LAFCO by any of the following:

Email: cemery@oclafco.org

Mail: Orange County LAFCO
 2677 North Main Street, Suite 1050
 Santa Ana, CA 92705
 Attn: Carolyn Emery, Executive Officer

FAX: (714) 640-5139
 Attn: Carolyn Emery, Executive Officer

For your reference, a timeline of key dates for the appointment process is below:

Nomination Process for Appointment of OC LAFCO Special District Seats	
DATE	EVENT
May 1, 2019	OC LAFCO Executive Officer emails notification letters with Declaration of Qualification to Vote and Nomination Form to independent special district presiding officers, special district general managers.
June 7, 2019	Deadline for submitting Declaration of Qualification to Vote and Nomination Form for the regular and alternate special district members to OC LAFCO by 3:00 p.m.*
June 10 – 14, 2019	OC LAFCO develops ballots.
June 17, 2019	Ballots emailed to all special district presiding officers/designees. <u>Please ensure that ballot is executed by the designee indicated in your Declaration of Qualification to Vote.</u>
July 19, 2019	Ballots due to OC LAFCO by 3:00 p.m.
July 22, 2019	OC LAFCO staff (or designee) tabulates ballots and announces results.
August 14, 2019	Oath of office administered (Commission Hearing).
* Pursuant to Government Code §56332 (c)(1), if only one candidate is nominated for a vacant seat, that candidate shall be deemed selected, with no further proceedings.	

In other actions, Directors approved the new yearly budget with only two dissenting votes, Commissioner Wagner and Commissioner Fisler. Prior to the vote, Commissioner Lisa Bartlett expressed concern that this was another year that LAFCO was utilizing reserves to help fund budget increases. She urged an end to that practice going forward.

At the end of the meeting, LAFCO went into a rare closed-door session to review executive staff. The session, which lasted longer than anticipated, ended with a not too illuminating announcement from the Chairman involving two weeks of further discussion.

Future of John Wayne Airport Dominates Board Meeting



The May 7, 2019 meeting of the Board of Supervisors was a tumultuous affair. Only one agenda item sparked interest and that spark ignited a firestorm of protests. Several hundred Newport Beach residents flooded the gallery in opposition to plans to accommodate additional flights at John Wayne airport.

Fights between the Newport Beach citizens and County Officials have been going on for decades including the once heralded County Civil War in an attempt to locate a commercial airport at the old El Toro military base.

Staff recommendation to the Board of Supervisors was to improve general aviation by allowing three (3) enhanced FBO's [Fixed Base Operators]. The recommended plan would have authorised an increase in the number of private jets that are exempt from the flight cap number.

Newport Beach residents who are already frustrated by the gradual increase in commercial jets became apoplectic over the turn of events. Residents under the flight pattern object to both the noise and pollution. Their vehement opposition soon became ugly and their behavior rivaled some of the worst I've ever seen. Repeatedly they "cat-called" the Supervisors, accusing them of "being on the take". Much of that was prompted by a Voice of O.C. article which pretty much echoed that theme. In reality, the charge was laughable unless you think a Board member could be bought for a \$1,000. The conduct was reprehensible but apparently effective. By the end of the meeting, Supervisors were looking for a compromise that would allow for upgrading the airport without accommodating any larger number of flights.

The work in progress from the dias proved to be too complicated and the matter was finally postponed for an additional two weeks to allow time for careful rewriting.

Did the A.G. Punt on O.C. Law Enforcement Illegalities?

In 2011, mass murderer Scott Dekraai entered a salon in Seal Beach, killing eight people with three different handguns. His murder trial was presided over by Orange County Superior Court Judge Goethals. Goethals is now a member of the California Appellate Court.

In the course of the trial, Dekraai's attorney discovered that Orange County law enforcement officials had improperly placed Dekraai next to a cell holding a leading Orange County jail-snitch for law enforcement. Their conversations were illegally recorded. The illegality started from the fact that Dekraai was already represented by counsel.



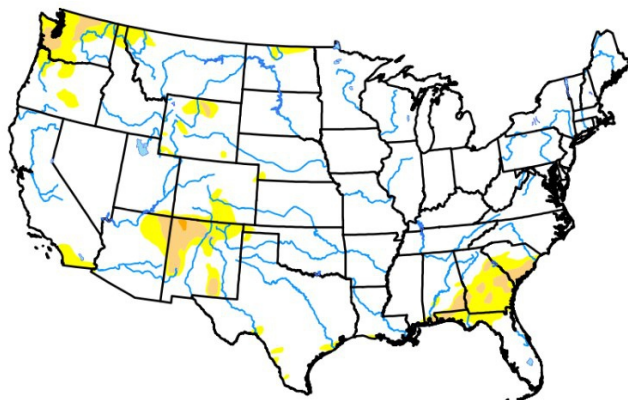
The defense attorney discovered that there was a long standing program (perhaps 30 years) of using illegal snitches. While Judge Goethals in 2013 demanded law enforcement turn over records related to the case, they instead immediately destroyed four years of deputies logs. As Judge Goethals dug deeper into the alleged illegality and cover-up, three Orange County Deputy Sheriffs invoked their 5th amendment protections.

As a result, Goethals took the death penalty off the table and imposed eight life sentences without the possibility of parole. The California Attorney General Kamala Harris apparently didn't want the "legal hot potato", so she appealed the decision of removing the Orange County District Attorney off the case. Her appeal was rejected by a unanimous vote of the Appellate Court.

On April 19, 2019, current California Attorney General Xavier Becerra announced that their investigation into alleged law enforcement perjury and the county jail-snitch operation was over. They had not communicated to new Orange County District Attorney Todd Spitzer their findings. On April 25th, Spitzer announced his own internal investigation, but he is running up against a statute of limitations challenge.

This case is important and if wrong doing was committed, the perpetrators should be punished. The people of Orange County deserve honest law enforcement.

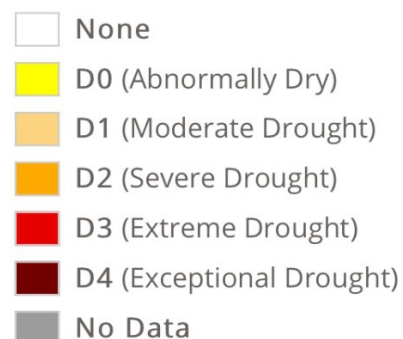
Look Ma NO Drought (well almost)



Map released: Thurs. May 9, 2019

Data valid: May 7, 2019 at 8 a.m. EDT

Intensity:



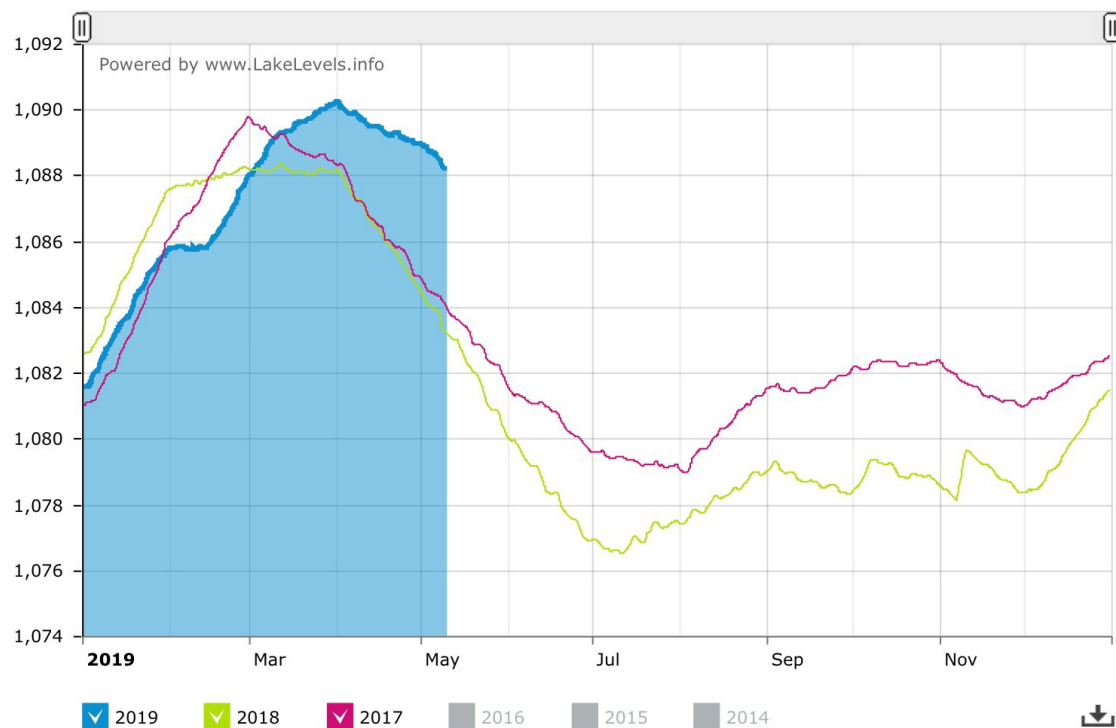
The Gift That Keeps on Giving

The Mercury News



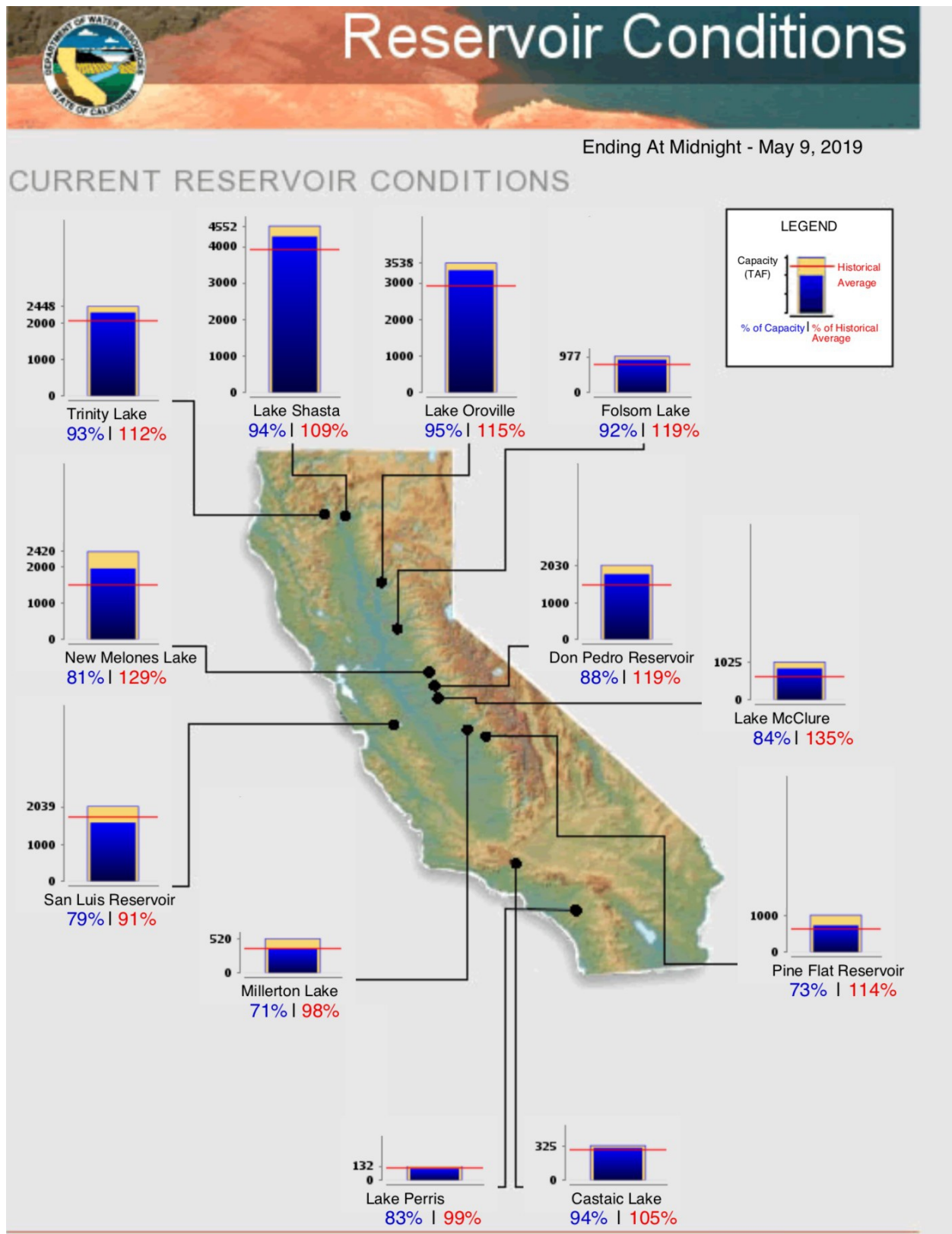
A drone provides a view of the fifth California Department of Water Resources snow survey of the 2019 season at Phillips Station in the Sierra Nevada Mountains. The survey recorded 47 inches of snow, which is 188% of average at this site. The site is approximately 90 miles east of Sacramento off Highway 50 in El Dorado County. Photo taken May 2, 2019. Josh Baar / California Department of Water Resources,

Meager Improvement on Colorado



Four Corners area drought has lessened, but not enough to replenish Lake Powell.

Embarrassment of Riches



Former Governor Jerry Brown once noted California had entered a new phase of *permadrought*. He forgot to exclude 2019.

Legal and Regulatory

May 20, 2019

1. **Klamath Litigation:** The battle over rights on the Klamath River continues in earnest. Klamath Irrigation District has filed suit against the Bureau of Reclamation based on the Bureau's long term water allocation. Based on recent biological opinions, in order to protect the endangered sucker, water allocations to farmers and ranchers need to be reduced. Other Klamath water groups plus individual land owners will be joining the suit. The suits also claim that the biological opinions are short on science and do not recognize water rights of the claimants. They also state they were kept out of the negotiations without cause. These conditions continue to be a challenge to the agricultural community in this region.
2. **Conserve Water-Pay More:** The San Jose Water Company, a private water company serving nearly half of the San Jose area, has requested the California PUC for a rate increase to cover the \$9 million per year shortfall they have to run their system. This base cost is not being covered by the current rates due to dramatic drop in sales as a result of the drought and conservation measures. This is a similar situation being faced by most water agencies throughout the State. This request will be an added charge per customer of about \$2 per month. Unfortunately, it comes right after another rate hike of about 5% last year. SJWC serves over one million people in the areas and the complaint level is starting to increase.
3. **This Winter Wetter?:** Northern California folks are thinking that this winter, they received more rain than usual. Actually, last year's rain were the record setters, and this year's total so far is average or slightly above average. The perception that this year is bigger results from some very large storms that came through. However, those storms had longer dry times between them. When little league opening day (plus 40 games) were postponed due to rain in Sunnyvale, residents believed they were getting more rain. In fact, it was the same amount but at different times.
4. **More Underground Mapping:** Stanford seems to be taking the lead in measuring underground aquifers. We have reported previously about their efforts which have now expanded. In addition to use of satellite technology, they employ a helicopter carrying an electronic array. This helo flies close to the ground and measures electromagnetic signals to measure the sand and clay layers underground. These measurements are used with the satellite data for precise measurements of aquifer capacity, over drafting plus composition of the surrounding earth. This can aid in predicting future movements of the aquifer. Aquifers that are deeper and untapped are being discovered. What happens when these aquifers are tapped will be found by these studies. Currently these tests are being done in Tulare County.
5. **Napa's New Ordinance:** Napa County recently passed the Water Quality and Tree Protection Ordinance. The purpose was to protect wetlands and trees. So far, it looks like nobody likes it. The ordinance requires setback

from 35 to 500 feet from wetlands, streams, reservoirs and some other concerns and would severely restrict any new or expanded development. A more severe measure narrowly lost on the ballot last year. Environmentalists say they will run another ballot measure. The wine industry and other agricultural users in the area say the ordinance goes way too far and will inhibit any expansion or growth. Apparently the ordinance is short on science and was not peer reviewed. Look for this battle to continue as three of the Supervisors are up for election next year and both sides have threatened to challenge them.

6. **Rotibot-Water Decontaminator:** Everyone is looking for an efficient, cost effective method to clean up polluted water. Small mobile robots, self propelling microorganisms and many other exotic methods are being experimented with at this time. Professor Joseph Wang, UC San Diego, has created a biohybrid microrobot referred to as Rotibot. A marine rotifer is used as the engine to power this microcleaner. A 'rotifer' is a phylum of microscopic and near microscopic pseudocoelomate animals. In case you have not noticed, this subject got over my head very quickly. As close as I can understand, very small microbeads are given an electric charge which causes them to eat up the bad stuff and make it go away. Thus far this process has been speedy and low cost. If you want to learn more, look up the Advanced Science News under Rotibot.
7. **Paradise Contamination:** Paradise after the fire is still a disaster zone. Less than 6% of debris has been removed at this point. Their 173 miles of water pipeline is probably completely contaminated although only about a third of them have been tested. Benzene and other organic compounds are the main pollutants. The City has hired a civil engineer from Purdue University with military experience in restoring water infrastructures after disasters to assist.
8. **Salmon Report:** This year's prediction for commercial salmon fisherman is good. The fishing schedule which was just released sets dates and quotas for the fishing season. Both have been increased. Interesting enough, another report just released states that more orcas were dying off the West coast. One of the factors listed was lack of food. Their primary diet is salmon which their study suggests was to continue is reduced supply. You can decide which is the real fact.
9. **EPA Pollution Regulation:** The EPA has announced that it will not regulate pollution to surface water that passed through groundwater. This represents a change in prior EPA policy and could impact a Supreme Court case involving the County of Maui, Hawaii. Environmental groups are upset with this ruling while most of water world and business thinks it is a reasonable approach. The High court could have the final say but the Administration will be making their position strongly.
10. **Saltwater Intrusion:** Stanford is getting involved in water world again. This time they are using their satellite data and the helicopter process (see paragraph 4 above) to study saltwater intrusion along the Monterey coast. Underground aquifers that are along the coast are always subject to this impact when the aquifers are over drafted, sea water/tides change or soil movement occurs. The Stanford data can study the soil movement, determine the types of soil involved and predict outcomes which will help combat the situation.
11. **Melting Snow v Earthquakes:** More studies are suggesting that when heavy snowmelt occurs, the probability of earthquakes increases. The most recent activity occurred in Mammoth Mountain area after heavy snows, heavy

snowmelt and over 100 minor earthquakes were recorded. Because water/snow is very heavy, the change of location of it over a short time can have impacts on the earth. The study has shown that 55% of the 8500 earthquakes at Mammoth over a 33 year period occurred on the wettest days during high snow times. Rock formations can also contribute. The Mammoth area, being home to thousands of years a heavy seismic activity. has some formations where the rock layers are almost vertical. This makes it easier for the melting snow to travel greater distances quicker.

PAL Committee

Prepared by Best Best & Krieger LLP

May 20, 2019

A. Priority Support/Oppose

Measure	Author	Topic	Status	Brief Summary	Position	Priority	Notes 1
AB 134	Bloom D	Safe Drinking Water Restoration.	5/8/2019-In committee: Set, first hearing. Referred to APPR. suspense file.	Would, by July 1 of each year, would require the State Water Resources Control Board to adopt an assessment of need for state financial assistance to provide safe drinking water that identifies failed water systems throughout the state. The bill would require the assessment of need to prioritize the systems with the most urgent need for state financial assistance in light of specified factors. The bill would require each regional engineer to arrange for a prescribed comprehensive assessment of each failed water system in the region of the drinking water regional office to be completed within 2 years of the board identifying the failed water system in the assessment of need.	Out for Analysis	A. Priority Support/ Oppose	Extensive recent amendments
AB 217	Garcia, Eduardo D	Safe Drinking Water for All Act.	5/8/2019-In committee: Set, first hearing. Referred to APPR. suspense file.	Would enact the Safe Drinking Water for All Act and would establish the Safe and Affordable Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board to provide a source of funding to secure access to safe drinking water for all Californians, while also ensuring the long-term sustainability of drinking water service and infrastructure. The bill would authorize the board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, bequests, and settlements from parties responsible for contamination of drinking water supplies, and to contribute funding available from other sources related to water quality.	Oppose	A. Priority Support/ Oppose	
AB 223	Stone, Mark D	California Safe Drinking Water Act: microplastics.	4/26/2019-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on	The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to	Out for Analysis	A. Priority Support/ Oppose	

			2/4/2019)(May be acted upon Jan 2020)	protect public health. Current law requires the state board, on or before July 1, 2020, to adopt a definition of microplastics in drinking water and, on or before July 1, 2021, to adopt a standard methodology to be used in the testing of drinking water for microplastics and requirements for 4 years of testing and reporting of microplastics in drinking water, including public disclosure of those results. This bill would require the state board, to the extent possible, and where feasible and cost effective, to work with the State Department of Public Health in complying with those requirements.			
AB 292	Quirk D	Recycled water: raw water and groundwater augmentation.	5/6/2019-Read third time. Passed. Ordered to the Senate. In Senate. Read first time. To Com. on RLS. for assignment.	Current law requires the State Water Resources Control Board, on or before December 31, 2023, to adopt uniform water recycling criteria for direct potable reuse through raw water augmentation, as specified. Current law defines “direct potable reuse” and “indirect potable reuse for groundwater recharge” for these purposes. This bill would eliminate the definition of “direct potable reuse” and instead would substitute the term “groundwater augmentation” for “indirect potable reuse for groundwater recharge” in these definitions. The bill would revise the definition of “treated drinking water augmentation.”	Support	A. Priority Support/ Oppose	
AB 533	Holden D	Income taxes: exclusion: turf removal water conservation program.	5/1/2019-In committee: Set, first hearing. Referred to APPR. suspense file.	Current law, for taxable years beginning on or after January 1, 2014, and before January 1, 2019, excludes from gross income under both laws any amount received as a rebate, voucher, or other financial incentive issued by a local water agency or supplier for participation in a turf removal water conservation program. Current law limits the collection and use of taxpayer information and provides that any unauthorized use of this information is punishable as a misdemeanor. This bill would extend the operative date of the provisions excluding from gross income specified amounts received in a turf removal water conservation program to taxable years beginning before January 1, 2024.	Support	A. Priority Support/ Oppose	
AB 756	Garcia, Cristina D	Public water systems: perfluoroalkyl substances and polyfluoroalkyl substances.	5/9/2019-Read third time. Passed. Ordered to the Senate. In Senate. Read first time. To Com. on RLS. for assignment.	Would authorize the State Water Resources Control Board to order a public water system to monitor for perfluoroalkyl substances and polyfluoroalkyl substances.	Out for Analysis	A. Priority Support/ Oppose	

AB 1194	Frazier D	Sacramento-San Joaquin Delta: Delta Stewardship Council.	4/26/2019-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 3/11/2019)(May be acted upon Jan 2020)	Would increase the membership of the Delta Stewardship Council to 13 members, including 11 voting members and 2 nonvoting members, as specified. By imposing new duties upon local officials to appoint new members to the council, the bill would impose a state-mandated local program.	Oppose	A. Priority Support/ Oppose	Dead
ACA 3	Mathis R	Clean Water for All Act.	4/30/2019-In committee: Set, first hearing. Failed passage. Reconsideration granted.	This measure, the Clean Water for All Act, would additionally require, commencing with the 2021–22 fiscal year, not less than 2% of specified state revenues to be set apart for the payment of principal and interest on bonds authorized pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014; water supply, delivery, and quality projects administered by the department, and water quality projects administered by the state board, as provided.	Watch	A. Priority Support/ Oppose	
SB 134	Hertzberg D	Water conservation: water losses: enforcement.	5/13/2019-Read third time. Passed. (Ayes 37. Noes 0.) Ordered to the Assembly. In Assembly. Read first time. Held at Desk.	Current law requires the State Water Resources Control Board, no earlier than January 1, 2019, and no later than July 1, 2020, to adopt rules requiring urban retail water suppliers to meet performance standards for the volume of water losses. This bill would prohibit the board from issuing an information order, written notice, or conservation order to an urban retail water supplier that does not meet its urban water use objective if the board determines the urban retail water supplier is not meeting its urban water use objective solely because the volume of water loss exceeds the urban retail water supplier's standard for water loss and the board is taking enforcement action against the urban retail water supplier for not meeting the performance standards for the volume of water losses.	Support	A. Priority Support/ Oppose	
SB 200	Monning D	Safe and Affordable Drinking Water Fund.	5/13/2019-May 13 hearing: Placed on APPR. suspense file.	Would establish the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and the long term. The bill would authorize the board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, and bequests and would provide that moneys in the fund are available, upon appropriation by the Legislature, to the board to fund grants, loans, contracts, or services to assist eligible recipients.	Watch	A. Priority Support/ Oppose	
SB 204	Dodd D	State Water	5/10/2019-Set for	Would require the Department of	Oppose	A.	

		Project: contracts.	hearing May 16.	Water Resources to provide at least 10 days' notice to the Joint Legislative Budget Committee and relevant policy and fiscal committees of the Legislature before holding public sessions to negotiate any potential amendment of a long-term water supply contract that is of projectwide significance with substantially similar terms intended to be offered to all contractors. The bill would require the department, before the execution of a specified proposed amendment to a long-term water supply contract and at least 60 days before final approval of such an amendment, to submit to the Joint Legislative Budget Committee and relevant policy and fiscal committees of the Legislature certain information regarding the terms and conditions of a proposed amendment of a long-term water supply contract and to submit a copy of the long-term contract as it is proposed to be amended.		Priority Support/ Oppose	
SB 205	Hertzberg D	Business licenses: stormwater discharge compliance.	5/10/2019-Set for hearing May 16.	Would require, when applying to a city or a county for an initial business license or business license renewal, a person who conducts a business operation that is a regulated industry to demonstrate compliance with the National Pollutant Discharge Elimination System (NPDES) permit program by providing specified information, under penalty of perjury, on the application, including, among other things, the Standard Industrial Classification code for the business. The bill would apply to all applications for initial business licenses and business license renewals submitted on and after January 1, 2020.	Watch	A. Priority Support/ Oppose	
SB 307	Roth D	Water conveyance: use of facility with unused capacity.	5/10/2019-Set for hearing May 16.	Current law prohibits the state or a regional or local public agency from denying a bona fide transferor of water from using a water conveyance facility that has unused capacity for the period of time for which that capacity is available, if fair compensation is paid for that use and other requirements are met. This bill would, notwithstanding that provision, prohibit a transferor of water from using a water conveyance facility that has unused capacity to transfer water from a groundwater basin underlying desert lands, as defined, that is in the vicinity of specified federal lands or state lands to outside of the groundwater basin unless the State	Oppose	A. Priority Support/ Oppose	

				Lands Commission, in consultation with the Department of Fish and Wildlife and the Department of Water Resources, finds that the transfer of the water will not adversely affect the natural or cultural resources of those federal or state lands, as provided.			
SB 332	Hertzberg D	Wastewater treatment: recycled water.	5/13/2019-May 13 hearing: Placed on APPR. suspense file.	Would declare, except in compliance with the bill's provisions, that the discharge of treated wastewater from ocean outfalls is a waste and unreasonable use of water. The bill would require each wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers to reduce the facility's annual flow as compared to the average annual wastewater discharge baseline volume, as prescribed, by at least 50% on or before January 1, 2030, and by at least 95% on or before January 1, 2040. The bill would subject the owner or operator of a wastewater treatment facility, as well as the affiliated water suppliers, to a civil penalty of \$2,000 per acre-foot of water above the required reduction in overall volume discharge for the failure to meet these deadlines.	Out for Analysis	A. Priority Support/ Oppose	
SB 414	Caballero D	Small System Water Authority Act of 2019.	5/10/2019-Set for hearing May 16.	Would create the Small System Water Authority Act of 2019 and state legislative findings and declarations relating to authorizing the creation of small system water authorities that will have powers to absorb, improve, and competently operate noncompliant public water systems. The bill, no later than March 1, 2020, would require the state board to provide written notice to cure to all public agencies, private water companies, or mutual water companies that operate a public water system that has either less than 3,000 service connections or that serves less than 10,000 people, and are not in compliance, for the period from July 1, 2018, through December 31, 2019, with one or more state or federal primary drinking water standard maximum contaminant levels, as specified.	Support	A. Priority Support/ Oppose	In PAL Committee for consideration
SB 669	Caballero D	Water quality: Safe Drinking Water Fund.	5/13/2019-May 13 hearing: Placed on APPR. suspense file.	Would establish the Safe Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board. The bill would require the state board to administer the fund to assist	Support	A. Priority Support/ Oppose	In PAL Committee for consideration

community water systems in disadvantaged communities that are chronically noncompliant relative to the federal and state drinking water standards and do not have the financial capacity to pay for operation and maintenance costs to comply with those standards, as specified.

B. Watch

Measure	Author	Topic	Status	Brief Summary	Position	Priority	Notes 1
AB 129	Bloom D	Microfiber pollution.	4/26/2019-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on 3/25/2019)(May be acted upon Jan 2020)	Would require the State Water Resources Control Board to take specified actions relating to microfiber pollution on or before July 1, 2020, and would require the state board to identify best practices for clothing manufacturers to reduce the amount of microfibers released into the environment. The bill would require, on or before January 1, 2020, a public entity that uses a laundry system, and a private entity that contracts with a state agency for laundry services, to install a filtration system to capture microfibers that are shed during washing.			Dead
AB 231	Mathis R	California Environmental Quality Act: exemption: recycled water.	5/9/2019-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 2/7/2019)(May be acted upon Jan 2020)(Recorded 4/26/2019)	Would exempt from CEQA a project to construct or expand a recycled water pipeline for the purpose of mitigating drought conditions for which a state of emergency was proclaimed by the Governor if the project meets specified criteria. Because a lead agency would be required to determine if a project qualifies for this exemption, this bill would impose a state-mandated local program. The bill would also exempt from CEQA the development and approval of building standards by state agencies for recycled water systems.	Watch	B. Watch	
AB 405	Rubio, Blanca D	Sales and use taxes: exemption: water treatment.	5/7/2019-From committee: Do pass and re-refer to Com. on APPR. (Ayes 9. Noes 0.) (May 6). Re-referred to Com. on APPR.	Would, on and after January 1, 2020, and before January 1, 2025, exempt from that Sales and Use Tax the gross receipts from the sale in this state of, and the storage, use, or other consumption in this state of, chemicals used by a city, county, public utility, and sanitation district to treat water, recycled water, or wastewater regardless of whether those chemicals or other agents become a component part thereof and regardless of whether the treatment takes place before or after the delivery to consumers.	Watch	B. Watch	
AB 441	Eggman	Water:	4/24/2019-In	Under current law, the right to water	Watch	B.	

	D	underground storage.	committee: Set, first hearing. Referred to APPR. suspense file.	or to the use of water is limited to that amount of water that may be reasonably required for the beneficial use to be served. Current law provides for the reversion of water rights to which a person is entitled when the person fails to beneficially use the water for a period of 5 years. Current law declares that the storing of water underground, and related diversions for that purpose, constitute a beneficial use of water if the stored water is thereafter applied to the beneficial purposes for which the appropriation for storage was made. This bill would instead provide that any diversion of water to underground storage constitutes a diversion of water for beneficial use for which an appropriation may be made if the diverted water is put to beneficial use, as specified.		Watch	
AB 591	Garcia, Cristina D	Central Basin Municipal Water District: board of directors.	5/8/2019-Referred to Com. on GOV. & F.	Current law requires the board of directors of the Central Basin Municipal Water District to be composed of 8 directors until the directors elected at the November 8, 2022, election take office, when the board would be composed of 7 directors, as prescribed. Current law requires the 3 directors appointed by the water purveyors, as specified, to live or work within the district and requires the term of an appointed director to be terminated if the appointed director no longer is employed by or a representative of the appointing entity. This bill would define representative for these purposes to be a consultant or contractor of an entity, or a board member of an entity that is a mutual water company.	Watch	B. Watch	Watch for potential amendments relating to membership allocation on MWD
AB 636	Gray D	State Water Resources Control Board: water quality objectives.	4/26/2019-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on 3/14/2019)(May be acted upon Jan 2020)	Would prohibit the State Water Resources Control Board from implementing water quality objectives for which the state board makes a certain finding relating to environmental quality until it has submitted the water quality objectives and a statement of that finding to the appropriate policy committees of the Legislature and each committee has held a hearing on these matters.	Watch	B. Watch	
AB 637	Gray D	State Water Resources Control Board: disadvantaged communities: drinking water.	5/1/2019-In committee: Set, first hearing. Referred to APPR. suspense file.	Would require the State Water Resources Control Board, before taking an action that significantly impacts drinking water, to use existing information to identify impacted disadvantaged communities and to seek to reduce	Watch	B. Watch	

				impacts to those communities to the greatest extent practicable. The bill would also require the board to ensure that disadvantaged communities are provided an opportunity to participate in the public process for a decision that significantly impacts drinking water by holding a public hearing in or near an impacted community.			
AB 638	Gray D	Department of Water Resources: water storage capacity.	4/10/2019-In committee: Set, first hearing. Referred to APPR. suspense file.	Current law requires the Department of Water Resources to update every 5 years the plan for the orderly and coordinated control, protection, conservation, development, and use of the water resources of the state, which is known as The California Water Plan. This bill would require the department, on or before January 1, 2021, with updates every 2 years thereafter, to identify the statewide water storage capacity, the adverse impacts to the capacity from the effects of climate change, and the mitigation strategies for anticipated adverse impacts.	Watch	B. Watch	
AB 658	Garcia, Eduardo D	Water rights: water management.	4/24/2019-In committee: Set, first hearing. Referred to APPR. suspense file.	Would authorize a groundwater sustainability agency or local agency to apply for, and the State Water Resources Control Board to issue, a conditional temporary permit for diversion of surface water to underground storage for beneficial use that advances the sustainability goal of a groundwater basin, as specified.	Watch	B. Watch	
AB 841	Ting D	Drinking water: contaminants: perfluoroalkyl and polyfluoroalkyl substances.	4/24/2019-In committee: Set, first hearing. Referred to APPR. suspense file.	Would require the Office of Environmental Health Hazard Assessment to adopt and complete a work plan within prescribed timeframes to assess which substances in the class of perfluoroalkyl and polyfluoroalkyl substances should be identified as a potential risk to human health, as provided. The bill would require the office, as part of those assessments, to determine which of the substances are appropriate candidates for notification levels to be adopted by the state board. The bill would require the Office of Environmental Health Hazard Assessment, by January 1, 2022, to provide to the Legislature an update on the assessment.	Watch	B. Watch	
AB 955	Gipson D	Water replenishment districts: water system needs assessment program.	4/24/2019-In committee: Set, first hearing. Referred to APPR. suspense file.	Would require a water replenishment district to offer to conduct a needs assessment program for water systems serving disadvantaged communities within the district, as specified. The bill would make a water system's	Watch	B. Watch	

				participation in the program voluntary. The bill would require the district, upon completion of the needs assessment, to develop and evaluate options to address the findings and recommendations in the needs assessment and prepare an implementation plan for recommendation to the water system.			
AB 1204	Rubio, Blanca D	Public water systems: primary drinking water standards: implementation date.	4/26/2019-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on 3/11/2019)(May be acted upon Jan 2020)	Would require the adoption or amendment of a primary drinking water standard for a contaminant in drinking water not regulated by a federal primary drinking water standard or that is more stringent than a federal primary drinking water standard to take effect 3 years after the date on which the state board adopts or amends the primary drinking water standard. The bill would authorize the state board to delay the effective date of the primary drinking water standard adoption or amendment by no more than 2 additional years as necessary for capital improvements to comply with a maximum contaminant level or treatment technique.	Watch	B. Watch	
AB 1220	Garcia, Cristina D	Metropolitan water districts.	5/2/2019-Read third time. Passed. Ordered to the Senate. In Senate. Read first time. To Com. on RLS. for assignment.	Under the Metropolitan Water District Act, the board of a metropolitan water district is required to consist of at least one representative from each member public agency, as prescribed. The act authorizes each member public agency to appoint additional representatives not exceeding one additional representative for each 5% of the assessed valuation of property taxable for district purposes within the entire district that is within the boundaries of that member public agency. This bill would prohibit a member public agency from having fewer than the number of representatives it had as of January 1, 2019.	Out for Analysis	B. Watch	
AB 1414	Friedman D	Urban retail water suppliers: reporting.	5/2/2019-Read third time. Passed. Ordered to the Senate. In Senate. Read first time. To Com. on RLS. for assignment.	Would require each urban retail water supplier on or before January 1 of each year until January 1, 2024, to submit a completed and validated water loss audit report as prescribed by the Department of Water Resources. The bill would require on or before January 1, 2024, and on or before January 1 of each year thereafter, each urban retail water supplier to submit a completed and validated water loss audit report for the previous calendar year or previous fiscal year as part of an existing report relating to its urban	Watch	B. Watch	

				water use.			
AB 1588	Gloria D	Drinking water and wastewater operator certification programs.	5/9/2019-Re-referred to Com. on APPR.	Current law requires a person who operates a nonexempt wastewater treatment plant to possess a valid, unexpired wastewater certificate or water treatment operator certificate of the appropriate grade. This bill, when applying for certification by the board as a water treatment operator, distribution system operator, or wastewater operator, would require operators of complex industrial facilities, including members of the military and military service veterans, to receive appropriate equivalent experience credit and education credit for work and tasks performed that are directly related to the operation of water or wastewater facilities, as specified.	Watch	B. Watch	
SB 1	Atkins D	California Environmental, Public Health, and Workers Defense Act of 2019.	5/13/2019-May 13 hearing: Placed on APPR. suspense file.	Current state law regulates the discharge of air pollutants into the atmosphere. The Porter-Cologne Water Quality Control Act regulates the discharge of pollutants into the waters of the state. The California Safe Drinking Water Act establishes standards for drinking water and regulates drinking water systems. The California Endangered Species Act requires the Fish and Game Commission to establish a list of endangered species and a list of threatened species, and generally prohibits the taking of those species. This bill would require specified agencies to take prescribed actions regarding certain federal requirements and standards pertaining to air, water, and protected species, as specified.	Out for Analysis	B. Watch	
SB 19	Dodd D	Water resources: stream gages.	5/10/2019-Set for hearing May 16.	Would require the Department of Water Resources and the State Water Resources Control Board, upon an appropriation of funds by the Legislature, to develop a plan to deploy a network of stream gages that includes a determination of funding needs and opportunities for modernizing and reactivating existing gages and deploying new gages, as specified. The bill would require the department and the board, in consultation with the Department of Fish and Wildlife, the Department of Conservation, the Central Valley Flood Protection Board, interested stakeholders, and, to the extent they wish to consult, local agencies, to develop the plan to address significant gaps in information necessary for water management and the conservation of	Out for Analysis	B. Watch	

				freshwater species.			
SB 45	Allen D	Wildfire, Drought, and Flood Protection Bond Act of 2020.	5/1/2019-May 6 set for first hearing canceled at the request of author.	Would enact the Wildfire, Drought, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$4,300,000,000 pursuant to the State General Obligation Bond Law to finance projects to restore fire damaged areas, reduce wildfire risk, create healthy forest and watersheds, reduce climate impacts on urban areas and vulnerable populations, protect water supply and water quality, protect rivers, lakes, and streams, reduce flood risk, protect fish and wildlife from climate impacts, improve climate resilience of agricultural lands, and protect coastal lands and resources.	Out for Analysis	B. Watch	
Total Measures: 34							
Total Tracking Forms: 34							

Metropolitan Water District of Southern California
State Legislative Matrix
May 9, 2019

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
AB 292 Quirk (D) Sponsor: WateReuse California	Amended 3/6/2019 Senate Rules	Recycled water: raw water and groundwater augmentation. Would modernize definitions from AB 574 (Quirk, 2017), which Metropolitan supported. Seeks to further clarify terminology related to recycled water that more accurately reflects current uses and practices.	SUPPORT Based upon Board-adopted 2019 State Legislative Priorities and Principles	Providing outreach and education on process and benefits of recycled water is essential as California encourages increased development of recycled water supplies. AB 292 will help reduce confusion as water agencies work to increase public's comfort level with use of recycled water.
AB 441 Eggman (D) Sponsor: Author	Amended 3/27/2019 Assembly Appropriations Committee Suspense File	Water: underground storage. Provides that certain uses of stored water while underground will constitute a beneficial use.	OPPOSE Based upon past opposition to AB 647 (Eggman) from 2015/16 and AB 1427 (Eggman) from 2017/18	Fails to provide sufficient safeguards to ensure that permanent underground storage is implemented in a reasonable manner. Unchecked, diversion of water for underground storage, whether new or existing appropriation, may adversely impact other beneficial uses of water for fish and wildlife, recreation, commerce, or use by downstream diverter.
AB 533 Holden (D) Sponsors: CA Water Efficiency Partnership, WaterNow Alliance, and Metropolitan	Amended 4/4/2019 Assembly Appropriations Committee Suspense File	Income taxes: exclusion: water conservation or efficiency programs: turf removal water conservation program. Would exclude from gross income, under both personal and corporate income tax laws, amounts received as rebate, voucher, or other financial incentive issued by local water agency for participation in a turf removal water conservation program.	CO-SPONSOR Based upon Board-adopted 2019 State Legislative Priorities and Principles	Water providers need broad array of tools to increase participation in water use efficiency programs to further achieve water use savings. Utility-sponsored financial incentives are effective measures, and their appeal increases if rebates are excluded from taxable income.

Metropolitan Water District of Southern California
State Legislative Matrix
May 9, 2019

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
AB 654 B. Rubio (D) Sponsors: California Municipal Utilities Association (CMUA) and California Special Districts Association (CSDA)	Introduced 2/15/2019 Assembly Judiciary Committee Bill held in Committee	Public records: utility customers: disclosure of personal information. Authorizes local agency to voluntarily release customer information to another governmental agency for scientific, research, or educational purposes, and if receiving agency agrees to maintain information as confidential.	SUPPORT Based upon Board- adopted 2019 State Legislative Priorities and Principles	Data sharing is state policy objective, with intent to improve decision making. Measure will facilitate voluntary exchange of customer data information for prescribed uses to further improve customer programs and projects, while providing protections to ensure information remains confidential.
AB 658 E. Garcia (D) Sponsor: Author	Amended 4/2/2019 Assembly Appropriations Committee Suspense File	Water Rights: Water Management. Will facilitate groundwater storage during high flow times through an expedited temporary permit.	SUPPORT IF AMENDED Based upon Board action on 4/9/19	Under the Water Code, surface water can be stored underground if it is subsequently removed for a beneficial use. AB 658 would create a temporary permit to store groundwater during high flow times. Metropolitan is seeking amendments to ensure protection for existing water right holders, other beneficial uses, and the ability to meet water quality objectives.

Metropolitan Water District of Southern California
State Legislative Matrix
May 9, 2019

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
AB 1194 Frazier (D) Sponsor: Delta Counties Caucus	Introduced 2/21/2019 Assembly Water, Parks and Wildlife Committee Bill held in committee w/o recommendation	Sacramento-San Joaquin Delta: Delta Stewardship Council. Will increase membership of Delta Stewardship Council from seven members to 13 members, with all six proposed new members to represent in-Delta interests.	OPPOSE Based upon past opposition to AB 1876 (Frazier) from 2017/18	Fails to recognize the importance of statewide approach to advancing progress in Sacramento-San Joaquin Delta as encompassed in comprehensive package of reforms embedded in Delta Reform Act of 2009.
AB 1204 B. Rubio (D) Sponsor: Association of California Water Agencies (ACWA)	Introduced 2/21/2019 Assembly Environmental Safety and Toxic Materials Committee Bill held in committee	Public water systems: primary drinking water standards: implementation date. Requires State Water Resources Control Board (SWRCB) to allow water providers reasonable period of time to complete work required to comply with new Maximum Contaminant Levels (MCLs), without being found in violation. Specifically proposes that any drinking water standards (MCL or treatment technique) adopted or amended by SWRCB will only be effective three years after initial date of adoption. Also grants SWRCB authority to allow up to two additional years to comply with standards, if it determines that more time is necessary for capital improvements.	SUPPORT Based upon Board-adopted 2019 State Legislative Priorities and Principles	Positive impact to Metropolitan and its member agencies as it would establish fair and reasonable compliance period similar to that of U.S. Environmental Protection Agency.

Metropolitan Water District of Southern California
State Legislative Matrix
May 9, 2019

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
AB 1220 C. Garcia (D) Sponsor: Central Basin Municipal Water District	Amended 3/28/2019 Senate Desk	Metropolitan Water Districts. Amends Metropolitan Water District Act to set a floor where number of representatives would not drop below current level.	SUPPORT Based upon Board action on 3/12/19	Addresses potential loss of representation in densely-populated communities with slower relative increases in assessed property values.
AB 1588 Gloria (D) Sponsors: San Diego County Water Authority and Otay Water District	Amended 5/8/2019 Assembly Appropriations Committee	Drinking water and wastewater operator certification programs. Allows military veterans to apply relevant experience and education towards obtaining water and wastewater system operator certifications from State Water Resources Control Board.	SUPPORT Based upon Board- adopted 2019 State Legislative Priorities and Principles	Will increase the number of certified water and wastewater operators, as well as create job opportunities for veterans. Metropolitan is seeking amendments to ensure consistency in equivalency standards when assessing military education and work experience with existing state certification requirements.
AJR 8 Quirk (D) Sponsor: Author	Introduced 2/15/2019 Senate Rules	Invasive species: Federal Nutria Eradication and Control Act of 2003. Requests that U.S. Congress add California to Nutria and Eradication and Control Act of 2003, and appropriate \$4 million for nutria eradication in California.	SUPPORT Based upon Board- adopted 2019 State Legislative Priorities and Principles	Invasive species create significant, long-term burdens that require significant investments to either control and/or eradicate. Presence of nutria within Delta represents significant threat to water supply and quality, and levee stabilization.

Metropolitan Water District of Southern California
State Legislative Matrix
May 9, 2019

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
SB 19 Dodd (D) Sponsor: The Nature Conservancy	Amended 2/28/2019 Senate Appropriations Committee Suspense File	Water resources: stream gages. Requires Department of Water Resources and State Water Resources Control Board to develop plan to implement network of stream gages that includes determination of funding and opportunities to modernize existing network of gages, in consultation with other stakeholders.	SUPPORT Based upon past support for SB 919 (Dodd) from 2017/18	Currently no comprehensive or authoritative database on gage locations exists, and ability to link measurements to water quantity and water quality is essential for sound, informed water management decisions statewide. Metropolitan supported the Open and Transparent Water Data Act (AB 1755 Dodd, 2016), and improving gage data is consistent with purpose of Act.
SB 62 Dodd (D) Sponsor: California Farm Bureau Federation	Amended 4/3/2019 Senate Floor	Endangered species: accidental take associated with routine and ongoing agricultural activities: state safe harbor agreements. Extends exemption from California Endangered Species Act (CESA) for accidental take of endangered species resulting from agricultural and ranching activities.	SUPPORT Based upon Board action on 3/12/19	Under CESA, farmers and ranchers are granted exemption from incidental take for accidentally taking or harming state-listed species during routine agricultural activities. Metropolitan's amendments incorporated to set a sunset date, require reporting, and clarify exemption applies to farmers and ranchers not public agencies.

Metropolitan Water District of Southern California
State Legislative Matrix
May 9, 2019

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
SB 69 Wiener (D) Sponsors: California Coastkeeper Alliance and Pacific Coast Federation of Fishermen's Associations	Amended 4/29/2019 Senate Appropriations Committee Date of Hearing: 5/13/2019	Ocean Resiliency Act of 2019. 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.	OPPOSE UNLESS AMENDED 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. Would create an offshore salmon hatchery that could interfere with native salmon populations and would test a new fish tagging program. Assigns costs in part to the State Water Project.
SB 204 Dodd (D) Sponsor: Delta Counties Caucus	Amended 4/25/2019 Senate Appropriations Committee Suspense File	State Water Project: contracts. Requires 60 days prior to Delta Conveyance Authority (DCA) executing any planning, design and construction contracts over \$5 million that the DCA submit contract terms and conditions to the Joint Legislative Budget Committee and relevant policy and fiscal committees.	OPPOSE Based upon Board-adopted 2019 State Legislative Priorities and Policies	Significantly and unnecessarily delays any action to advance new Delta conveyance by creating delays in contracting process. DCA is already subject to public bidding requirements which can take up to 4-6 months to reach a final contract. Large construction project delays, even small delays, can significantly increase costs for ratepayers of the public agencies participating in project.

Metropolitan Water District of Southern California
State Legislative Matrix
May 9, 2019

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
SB 414 Caballero (D) Sponsor: Eastern Municipal Water District and California Municipal Utilities Association (CMUA)	Amended 4/4/2019 Senate Appropriations Committee Suspense File	Small System Water Authority Act of 2019. 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.	SUPPORT 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.
SB 669 Caballero (D) Sponsor: Association of California Water Agencies (ACWA) and California Municipal Utilities Association (CMUA)	Introduced 2/22/2019 Senate Appropriations Committee Date of Hearing: 5/13/2019	Water Quality: Safe Drinking Water Fund. Establishes irrevocable Safe Drinking Water Trust as a perpetual source of funding to assist chronically noncompliant community water systems in disadvantaged communities gain access to safe drinking water.	SUPPORT Based upon Board action 3/12/2019	Would create Water Trust funded by general fund appropriation during surplus years. Earnings from Trust would be continuously appropriated to Safe Drinking Water Fund administered by State Water Resources Control Board to assist chronically noncompliant community water systems in disadvantaged communities achieve self-sufficiency.

Metropolitan Water District of Southern California
State Legislative Matrix
May 9, 2019

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
SB 785 Senate Natural Resources and Water Committee Sponsor: Committee	Amended 4/30/2019 Senate Appropriations Committee Suspense File	Public resources: parklands, freshwater resources, and coastal resources. Committee omnibus bill to extend current sunset date for requirement and enforcement of quagga control plans, and qualified liability coverage for agencies that are compliant with approved control plan.	SUPPORT Based upon Board adopted 2019 State Legislative Priorities and Principles	Would extend current sunset date from January 1, 2020, to January 1, 2030, for requiring quagga mussel control plans and ensuring extension of qualified immunity for operators of water delivery and storage facilities.



ACTION ITEM

June 19, 2019

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

FROM: Robert Hunter, General Manager

Staff Contact: Heather Baez

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

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

DIRECTORS

For the third quarter (January-March 2019) of fiscal year 2018-2019, one trip was taken and one trip was booked and canceled.

- January 9-11: Director Barbre
- February 26-28: Director Barbre (canceled)

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

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

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

- Total cost for this quarter: \$1,417.76
- Year-to-date spent: \$4,812.02
- Budget remaining: \$5,987.98

Projecting for the fourth quarter of fiscal year 2018-2019, no trips are scheduled.

STAFF

For the third quarter (January-March 2010) of fiscal year 2018-2019, one trip was taken:

- January 9-11: Rob Hunter

The following is budgeted for fiscal year 2017/2018 for **staff**:

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

- Total cost for this quarter: \$1,461.17
- Year-to-date spent: \$3,832.91
- Budget remaining: \$7,495.24

Projecting for the fourth quarter of fiscal year 2018-2019, no trips are scheduled.

The focus of the trips this fiscal year will be on the importance of the CA WaterFix (federal permits and funding), Colorado River Drought Contingency Plans, 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 MWD and its member agencies.



ACTION ITEM

June 19, 2019

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

FROM: Robert Hunter, General Manager

Staff Contact: Heather Baez

SUBJECT: TRAVEL TO SACRAMENTO TO COVER STATE ADVOCACY ISSUES

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

DIRECTORS

For the third quarter (January-March 2019) of fiscal year 2018-2019, one trip was taken:

- February 26 – Sat Tamaribuchi

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

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

- Total cost for this quarter: \$324.91
- Year-to-date spent: \$324.91

Budgeted (Y/N): Yes	Budgeted amount: \$4,600 – Directors \$10,500 – Staff	Core X	Choice ____
Action item amount: None	Line item: 11-7155 12-7150		
Fiscal Impact (explain if unbudgeted):			

- Budget remaining: \$3,675.09

Projecting for the fourth quarter of fiscal year 2018-2019, no trips have been scheduled.

STAFF

For the second quarter (January-March 2019) of fiscal year 2018-2019, five trips were taken:

- January 16-17 – Heather Baez
- February 1 – Heather Baez
- February 6-7 – Heather Baez
- February 6-7 – Melissa Baum-Haley
- February 22 – Heather Baez
- February 26 – Rob Hunter
- March 15 – Heather Baez

The following is budgeted for fiscal year 2017/2018 for **staff**:

Sacramento Legislative Travel - \$10,500, 18 trips

- Total cost for this quarter: \$4,326.71
- Year-to-date spent: \$8,971.85
- Budget remaining: \$528.15

Projecting out for the fourth quarter of fiscal year 2018-2019, four trips have been taken/scheduled.

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

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



INFORMATION ITEM
May 20, 2019

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

FROM: **Robert Hunter, General Manager**

Staff Contact: Damon Micalizzi

SUBJECT: **2019 OC Water Summit (May 31, 2019)**

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

MWD OC and Orange County Water District staff are putting the finishing touches on the 2019 OC Water Summit, which will be held at the Disneyland Resort's Grand Californian Hotel on Friday May 31, 2019.

With the Governor declining the invitation to be the event's Keynote Speaker and other invited speakers declining to participate in the previously planned Wildfire Session, the program has been edited with a new Session 4:

Making Water Conservation a Way of Life: Conservation Calculation, Activation and Some Frustration

In 2018, the California Legislature overhauled California's approach to conserving water. It imposed a number of requirements on state water agencies and local water retail agencies and provided for significantly greater state oversight of local water use, even in non-drought years. One of the outcomes requires the State Water Resources Control Board to establish long-term urban water use efficiency standards which will include components for indoor residential use, outdoor residential use, water losses and other uses. The new laws also set a standard of 55 gallons per-person, per-day through Jan. 1, 2025. In addition, the state will require local water suppliers to calculate and comply with their water use objectives and report those objectives and actual use. Five-year drought risk assessments and water shortage contingency plans must also be incorporated into local Urban Water Management Plans. Starting in 2027, local water agencies' failure to comply with adopted long-term standards could result in significant fines during declared drought

emergencies and certain dry years. This session will examine how the state is trying to make conservation a way of life and how local OC water agencies are coping with these changes. Are there hidden costs and problems with water conservation?

The panel includes:

- Max Gomberg, Conservation & Climate Change Manager, State Water Resources Control Board
- Paul E. Shoenberger, P.E., General Manager, Mesa Water District
- Daniel R. Ferons, General Manager, Santa Margarita Water District

Additionally, Jill Farrant, Professor of Molecular and Cell Biology at the University of Cape Town, South Africa will now be joining via Skype, as she is unable to make the trip to Orange County.

OCWD is the lead agency for this year's event themed "Under The Microscope". The updated program is attached to this report.

2019 OC Water Summit – “Water - Under the Microscope”

EXTERNAL PROGRAM*

5.8.2019

- 8:00 am to 8:10 am **Welcome and Pledge of Allegiance**
- Stephen R. Sheldon, Board Member, Orange County Water District (Confirmed)
 - Jeffery M. Thomas, Board Member, Municipal Water District of Orange County (Confirmed)

- 8:10 am – 8:20 am **Emcee Welcome & Water Forecast**
- Fritz Coleman, Weathercaster, NBC 4 (Confirmed)

8:20 am – 8:55 am **Session 1: The Santa Ana and Los Angeles Rivers: A Closer Look at Our Past to Prepare Wisely for the Future**

Both the Santa Ana and Los Angeles rivers were the lifelines that shaped communities and the economy of Southern California. No matter the location, each share common themes: cooperation and conflict regarding allocations, water conservation impacting flows, environmental stewardship, and plans for long-term sustainability. How can we continue to harness their power while also bringing them back to life?

- Phil Brigandi, Orange County Historian (Confirmed)
- Michael Holland, Archivist, City of Los Angeles, (Confirmed)
- Greg Woodside, P.G., C.HG, Executive Director of Planning and Natural Resources, Orange County Water District

8:55 am- 9:50 am **Session 2: Magnifying the Situation – Addressing Contaminants of Emerging Concern**

Since the Flint, Michigan water crisis broke in 2014, there has been a heightened awareness and legitimate concern about contaminants in water supplies and the governing bodies that are charged with ensuring water is safe. In the process, water agencies are faced with having to address costly and contradictory notification and response requirements before proper testing methods have been solidified or before thorough toxicology and health impacts studies are conducted to confirm what are safe levels of exposure. Learn how the state and water agencies are addressing PFOA and PFOS in drinking water supplies.

- Moderator & Speaker: Kevin M. Hardy, Executive Director, National Water Research Institute (Confirmed)
- Darrin Polhemus, Deputy Director, State Water Resources Control Board (Confirmed)

- Jason Dadakis, Executive Director of Water Quality & Technology, Orange County Water District (Confirmed)
- Dr. Wayne Miller, Director, Yorba Linda Water District (Confirmed)

9:50 am – 10:05 am **Networking Break**

10:05 am – 11:00 am **Session 3: What’s in “Storage” for CA’s Water Future?**

Water storage is critical to California’s water supplies, hydropower and sustaining wildlife and habitat. Erratic weather conditions and the timing and intensity of rainfall have made the capture and storage of water more challenging. The debate continues as to whether there is a need to build new and expensive reservoirs or if modifying operations of existing surface reservoirs and groundwater basins and mandating more water conservation are enough to meet California’s future water demands.

- Bill Hasencamp, Manager, Colorado River Resources, Metropolitan Water District of Southern California (Confirmed)
- Eric Averett, General Manager, Rosedale Rio Bravo Water Storage District (Confirmed)
- Jim Watson, General Manager, Sites Project Authority (Confirmed)

11:00 am – 11:40 am **Session 4: Making Water Conservation a Way of Life: Conservation Calculation, Activation and Some Frustration**

In 2018, the California Legislature overhauled California’s approach to conserving water. It imposed a number of requirements on state water agencies and local water retail agencies and provided for significantly greater state oversight of local water use, even in non-drought years. Learn how the state is trying to make conservation a way of life and how local OC water agencies are coping with these changes. Are there hidden costs and problems with water conservation?

- Max Gomberg, Conservation & Climate Change Manager, State Water Resources Control Board (Confirmed)
- Paul E. Shoenberger, P.E., General Manager, Mesa Water District (Invited)
- Daniel R. Ferons, General Manager, Santa Margarita Water District (Confirmed)

11:40 am – 12:00 pm **Networking Break**

12:00 pm **Lunch Service Begins**

12:20 pm – 1:25 pm **Session 5: Innovate to Satisfy**

It's going to take significant investments in the research and development of innovative technologies to help sustain current water supplies and create new sources. Unlocking the molecular make-up of resurrection plants to possibly grow nourishing crops that can survive without water for very long periods of time, as well as creating water out of thin air, are just two ways inventors are pushing the envelope to prepare for limited and unpredictable water conditions and to sustain and grow California's multi-billion-dollar ag industry. What is the federal government doing to support investments in innovative projects and infrastructure?

- Moderator & Speaker: Joseph I. Castro, Ph.D., M.P.P., President, California State University, Fresno (Confirmed)
- Jill Farrant, Professor of Molecular and Cell Biology at the University of Cape Town, South Africa (Confirmed)
- Willem Swart, Project Manager, Studio of Environmental Architecture, Skysource Project (2018 X-Prize winner) (Confirmed)
- The Honorable Alan Lowenthal, United States House of Representatives, (CA, District 47) (Invited)

1:25 pm

Closing Remarks



INFORMATION ITEM
May 20, 2019

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

FROM: **Robert Hunter, General Manager**

Staff Contact: Traci Muldoon

SUBJECT: 2019 MWDOC Water Awareness Poster Contest

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

At the time of this report, 162 guests have registered for the 2019 Municipal Water District of Orange County's (MWDOC) Water Awareness Poster Contest Awards Ceremony. The awards ceremony will be held on Monday, May 20, at the Discovery Cube OC in Santa Ana. Festivities will begin at 6:00 p.m., allowing students and their families the opportunity to explore the Discovery Cube's interactive exhibits, and meet Orange County water education icon Ricki the Rambunctious Raindrop. Theater doors will open at 6:45 p.m., and the awards ceremony will begin at 7:00 p.m.

This year, MWDOC received over 750 submissions from Orange County students in grades kindergarten – twelfth grade. The top 40 posters were chosen by MWDOC staff that best represent the contest theme, "*Water is Life*," and four Grand Prize winners – one in each grade category, K-2, 3-5, 6-8, and 9-12 – are in the process of being selected through a voting link that has been distributed via email, and across MWDOC social media channels. Through this process, and at the time of this report, nearly 5,500 votes have been cast for the four Grand Prize winners.

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

During the awards ceremony, all 40 contest winners will receive their artwork professionally framed, certificates of recognition from the students' California State and Assembly representatives, a conservation bucket filled with water-wise items donated by participating MWDOC member agencies, and a wooden art box. Additionally, the four Grand Prize winners will also be awarded an iPad mini.

Teachers whose classes participated in the contest were entered into a raffle for a class pizza party that includes a special Ricki the Rambunctious Raindrop guest appearance. The winning class this year was Cherie Letcher's fourth grade class from Clinton Elementary School in Garden Grove.

The top 40 winners this year are from the following service areas:

Yorba Linda Water District (2), Golden State Water Company (5), Mesa Water District (1), Irvine Ranch Water District (13), Santa Margarita Water District (2), Moulton Niguel Water District (2), the City of La Palma (1), the City of Brea (2), the City of Orange (1), the City of Tustin (1), the City of San Juan Capistrano (2), Anaheim Public Utilities (6), the City of Fullerton (1), and the City of Santa Ana (1).

Lastly, four winning posters have been selected to be entered into the Metropolitan Water District of Southern California's (MWD) 2019 Student Art Contest. Winning student artwork from this competition are included in the annual MWD calendar, and in the MWD Traveling Student Art Exhibit Tour which reaches over 20,000 viewers throughout MWD's service area over the course of 26 weeks.



INFORMATION ITEM
May 20, 2019

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

FROM: **Robert Hunter, General Manager**

Staff Contact: Sarah Wilson

SUBJECT: **Education Programs Update**

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

DETAILED REPORT

Contractors for the Municipal Water District of Orange County's (MWDOC) water education programs are wrapping up their final visits for the 2018/19 school year. The following reports are included: Elementary Education Student Counts and the "What About Water" High School Program report.

The primary goal for both the Elementary and High School programs is to provide comprehensive instruction on the science, geography, economics, and history of Orange County water. These goals are measured through pre- and post-test metrics.

Elementary School Program

- **Goal 1:** Students will understand the importance of water as it relates to the local climate and ecosystem.

Budgeted (Y/N):	Budgeted amount:	Core X	Choice X
Action item amount:	Line item:		
Fiscal Impact (explain if unbudgeted):			

- **Goal 2:** Students will be able to identify California water sources and understand the challenges in delivering a reliable source of drinking water to Orange County.
- **Goal 3:** Students will recognize and have the necessary resources to apply water efficient practices at home and in the community.

The following keypad response data demonstrates the average increase in student understanding after attending the April 2019 Elementary School Program assemblies:

- **First Grade:** Students are tested on the water cycle and how plants use water, carbon dioxide, and sunlight. Students demonstrated a **17.69%** average increase in understanding from the pre- to post-test.
- **Second Grade:** Students are tested on where water is found in nature and the ways in which nature cleans our water. Students demonstrated a **10.64%** average increase in understanding from the pre- to post-test.
- **Third Grade:** Students are tested on local climate and the ability of plants and organisms to survive in a particular climate. Students demonstrated a **7.09%** average increase in understanding from the pre- to post-test.
- **Fourth Grade:** Students are tested on the local ecosystem, water sources, and water use efficiency. Students demonstrated a **33.15%** average increase in understanding from the pre- to post-test.
- **Fifth Grade:** Students are tested on how the water cycle cleans and recycles freshwater supply and water use efficiency. Students demonstrated a **33.51%** average increase in understanding from the pre- to 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 **25.84%** average increase in understanding from the pre- to post-test.

This is the first year incorporating the Next Generation Science Standards into the curriculum. The 2018/19 school year is a baseline year in which to compare future school year's data. Several factors can affect the keypad response data including attendance numbers, attention span, retention rate, and language barriers. Discovery Cube will assess the entire year as a whole before adjusting the questions or teaching style.

High School Program

- **Goal 1:** Students will be able to identify California water sources and understand the challenges in delivering a reliable source of drinking water to Orange County.
- **Goal 2:** Students will understand local water policy and reliability issues and be able to debate the merits of a current or proposed policy or project.
- **Goal 3:** Students will recognize and have the necessary resources to apply water efficient practices at home and in the community.

The following keypad response data demonstrates the average increase in student understanding after attending the 2018/19 High School Program first classroom visits. Students are tested on water supply sources, local climate, and water use efficiency.

- **Brea Olinda High School:** Students demonstrated a **31.71%** average increase in understanding from the pre- to post-test.

- **San Clemente High School:** Students demonstrated a **30.68%** average increase in understanding from the pre- to post-test.
- **Tesoro High School:** Students demonstrated a **32.11%** average increase in understanding from the pre- to post-test.

Be the Voice for the Planet Video Contest

The 2019 “Be the Voice for the Planet” (Voice4thePlanet) video contest concluded on April 30, 2019. Of the 216 total submissions received for the Water Category, 192 were from Orange County. Contest winners will be announced on May 22, 2019.

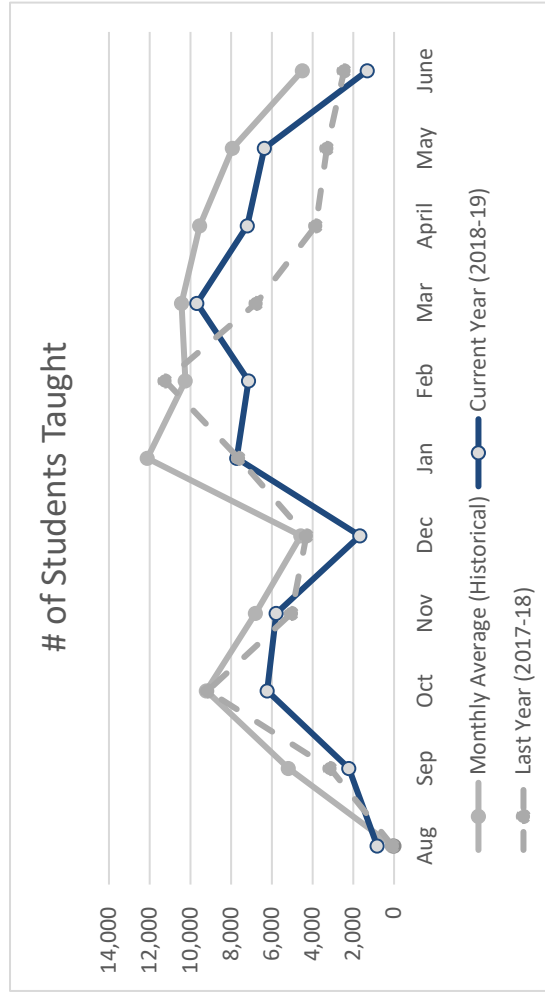
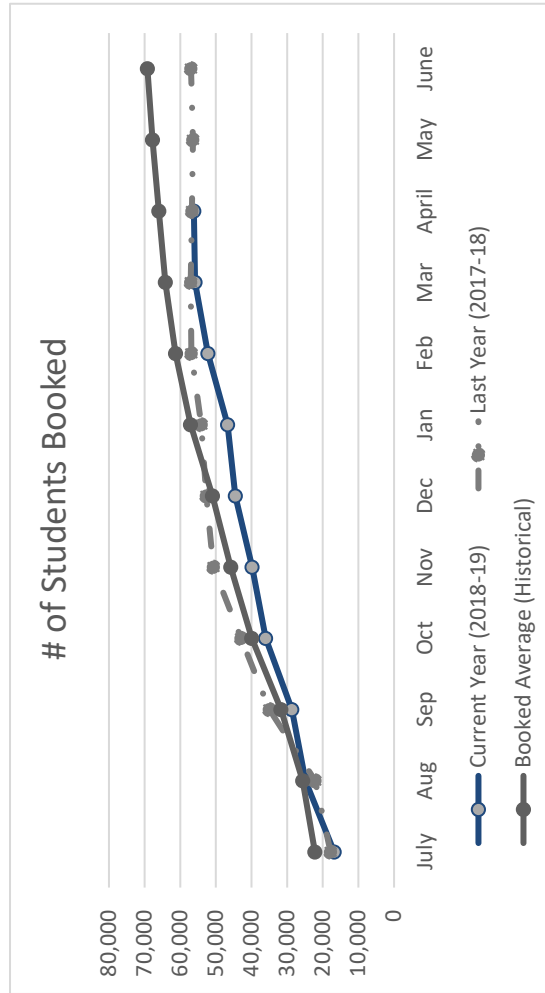
Open to high school students across the United States, Voice4thePlanet encourages students to create 30 to 60 second videos that generate awareness, and encourage positive behavioral changes surrounding water conservation, clean oceans, plastic pollution, and recycling. Winning students have the chance to earn tons of great prizes from nationwide contest sponsors including National Geographic, Volcom, Sambazon, and more.

As an added incentive, MWDOC and its partners will award additional prizes to Orange County students who demonstrate the value of Orange County **WATER** resources and the importance of using water wisely. Prizes for the Orange County Water Category include:

- **Best Water Wise Message** sponsored by MWDOC
Winner will star in an Orange County water-centric Public Service Announcement.
- **Most Creative** sponsored by HashtagPinpoint
Winner will receive a personal training session for professional video production.
- **Most Entertaining** sponsored by Great Wolf Lodge
Winners will receive 4 adult and 4 kids day passes to the Great Wolf Lodge water park.
- **Most Educational** sponsored by Discovery Cube
Winners will receive 2 family packs of tickets to the Discovery Science Center.
- **Most Environmentally Friendly** sponsored by the Wyland Foundation
Winner will receive a Clean Water Mobile Learning Center visit to their high school.
- All winning students will also receive a certificate of recognition from MWDOC and their California State Legislators.

2018-19 Water Education School Program

# of Students Booked		July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	Target
Booked Average (Historical)		22,206	25,634	31,729	39,925	45,814	50,938	57,082	61,319	64,177	66,001	67,758	69,213	71,394
Last Year (2017-18)		17,823	22,162	34,981	42,926	50,696	52,682	54,111	56,887	57,056	56,720	56,445	56,994	62,035
Current Year (2018-19)		16,801	24,868	28,668	36,007	39,820	44,521	46,703	52,234	55,825	56,171			63,084
# of Students Taught		July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	Total
Monthly Average (Historical)		-	71	5,190	9,216	6,805	4,576	12,117	10,250	10,435	9,542	7,935	4,502	80,639
Last Year (2017-18)		0	77	3,144	9,149	5,033	4,305	7,634	11,242	6,771	3,840	3,296	2,453	56,944
Current Year (2018-19)		0	829	2,220	6,230	5,787	1,676	7,724	7,144	9,679	7,205	6,366	1,311	56,171



WHAT ABOUT WATER?

Quarterly Report
Presented by



May 2019

What About Water? - Inside the Outdoors School Visits										
Year 4 - 2018/2019										
Agency	High School	1st Visit - student	1st Visit Attendance	2nd Visit - student	2nd Visit Attendance	School Expo Date	Total Students	Class Type	Grade Served	Notes
Anaheim	Anaheim High School	11/28/18	73	2/7/19	88	3/20/19	161	AP Environmental Science	11-12th grade	3/20 - Lunchtime Expo
City of Brea	Brea Olinda High School	4/26/19	70	5/31/19		6/4/18	70	AP Environmental Science		6/4 - Lunchtime Expo
City of Buena Park	Buena Park High School	2/27/19	25	3/13/19	24	5/17/19	49	AP Environmental Science	10-12th grade	5/17 - Lunchtime Expo
City of Fountain Valley	Fountain Valley High School or Los Amigos (alternate)						0			
City of Huntington Beach	Edison High School						0			
City of San Clemente	San Clemente High School	4/29/19	138	5/6/19	123	5/14/19	261	Biology		5/19 - Lunchtime Expo
City of San Juan Capistrano	Junipero Serra High School or San Juan Hills High School	1/14/19	10	1/28/19	10	3/11/19	20	Health Science	10th grade	3/11 - Lunchtime Expo
City of Tustin	Tustin High School or Columbus Middle School	1/8/19	175	2/21/19	177	5/14/19	352	Science	6-8th grade	5/14 - Lunchtime Expo
East Orange WD	Foothill High School						0			
El Toro	El Toro High School	12/12/18	13	12/14/18	12	tbd	25	AP Environmental Science	11th grade	TBD- Expo/Showcase
El Toro Water District	Los Alisos Jr. High						0			
Moulton Niguel	Aliso Niguel High School						0			
Moulton Niguel	Laguna Hills High School	1/31/19	35	2/14/19	30	2/28/19	65	AP Environmental Science	11th grade	2/28 - Lunchtime Expo
Moulton Niguel	Capistrano Valley High School						0			new teacher contact, waiting for date confirmation
Moulton Niguel /Santa Margarita WD	Mission Viejo High School	2/1/19	101	2/4/19	92	5/25/19	193	AP Biology		5/25 - Water Summit
Santa Ana	Saddleback High School						0			
Santa Margarita WD	Tesoro High School	4/10/19	24	5/15/19		5/29/19	24	Biology/Earth Club		5/29 - Lunchtime Expo
South Coast WD	Dana Hills High School	12/3/18	62	4/15/19	45	5/21/19	107	Biology		5/21 - Lunchtime Expo
Westminster	La Quinta High School						0			
Westminster	Westminster High School						0			
Total		726		601		1,327				
Teacher Workshops	ACCESS- Teacher Workshop	5/10/19								
Student Summits	MLK Day of Service	1/19/19	200					Leadership	9-12th grade	
Where's My Water? - Inside the Outdoors School Visits - 2018/2019										
Core Program	High School	Program Date	Attendance					Class Type	Grade Served	Notes
Where's My Water										
	Brea Olinda High School	9/21/18	87					Biology	11th grade	
	Back Bay High School	12/18/18	47					Science	11-12 grade	
	Fountain Valley Education Center	1/9/19	11					Science	11-12 grade	
	Jordan Intermediate, Doig Intermediate, Yorba Middle, South Jr. High, Orangeview Jr. High Schools	3/9/19	87					Leadership	6-8th grade	
	Sierra School	3/18/19	94					Science	7th grade	
	Sierra School	3/19/19	73					Science	7th grade	
	Kennedy, Savanna, Santiago, Orange, Magnolia, Hare, Fountain Valley, and Santiago de Compostela High Schools	3/22/19	121					Leadership	9-12th grade	
	Esqueda School	4/16/19	111					Science	6th grade	
	Magnolia High School	5/1/19	16					Science	9-12 grade	
	ACCESS - Harbor Learning Center	5/22/19						Science	9-12 grade	
	ACCESS - Academic Center of Tustin	5/29/19						Science	9-12 grade	
tbd = verbal confirmation, pending calendar dates										

Public Affairs Activities Report
April 10, 2019 – May 8, 2019

Member Agency Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Provided a short update on current Public Affairs projects to Water Use Efficiency coordinators meeting • Started production of summer bill inserts for member agencies • Provided school program updated to the Member Agency Managers Meeting • Hosted a joint Legislative Coordinators and Public Affairs Workgroup Meeting <ul style="list-style-type: none"> ○ Presented the first ever School Program Showcase to the Public Affairs Workgroup and MWDOC Staff providing hands-on demonstrations of program offerings <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Provided a short update on the water tax legislation to the Member Agency Managers Meeting • Provided a legislative update to the Public Affairs Working Group meeting
Community Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Closed submissions for Water Awareness Poster Contest and notified winners • Organized and hosted Girl Scouts Water Resources and Conservation Patch Clinic at Santa Margarita Water District <ul style="list-style-type: none"> ○ Provided clinic photos to Girl Scouts of Orange County for promotion of the patch • Provided contacts from Scouts of America and Girl Scouts of Orange County for Mesa Water Flag Day Event • Coordinated with Earth Friendly Products for a tour and presentation from Director Schneider • Participated in Santa Margarita Water District's Water Festival
Education	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Staff attended elementary school visit at Harbour View Elementary • Staff attended high school visit at Brea Olinda High School • Closed submissions for the 2019 Voice for the Planet high school video contest • Provided information on school program offerings to Montessori Schools

	<ul style="list-style-type: none"> • Began work with new vendor to redesign Ricki Raindrop Education booklets • Provided information to Department of Water Resources for their local education program resources page • Provided information to City of Brea on high school program curriculum • Sent Member Agency education coordinators school program presentation, program price breakdown, and request for commitments suggested targets spreadsheet • Provided schedule of high school visits to City of Buena Park • Provided schedule of high school visits to South Coast Water District • Sent monthly school program reports to participating member agencies • Participated in working group session for the California Environmental Principles and Concepts Orange County teacher training
Media Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Featured on CBS Los Angeles with our partner the Wyland Foundation discussing the Laguna Beach pocket park project • Developed press release announcing Director Osborne's retirement from the Board • Developed press release in response to Governor Newsom's plan to change CA WaterFix
Special Projects	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Assisted with the planning for O.C. Water Summit (May 31st) • Produced MWDOC Disaster Communications Kit with WEROC • Created a rebate focused email marketing template for Water Use Efficiency • Staffed Director McKenney's Diamond Valley Lake Inspection Trip • Submitted 2019/2020 Inspection Trip reservation packets for all four Metropolitan Directions <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Staffed the WACO Planning meeting • Participated in the South Coast Air Quality Management District "Buried Utilities Coalition" meeting on Rule 1403 • Staffed the May WACO meeting featuring speakers: Supervisor Doug Chaffee, Adam Probolsky and Paul Jones

Legislative Affairs	<p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Monitored the Senate Environmental Quality Committee hearing where SB 669 (Caballero) was heard • Participated in the Metropolitan Member Agencies Legislative Coordinators' conference call • Participated in the Southern California Water Coalition Legislative Task Force meeting • Participated in the CalDesal Legislative Working Group meeting • Drafted AB 217 (E. Garcia) – Oppose Unless Amended letter • Attended the ACWA State Legislative Committee meeting in Sacramento • Participated in the ACWA Federal Affairs Water Supply Sub-Committee meeting • Participated in the ACWA Federal Affairs Drinking Water Sub-Committee meeting • Monitored the CSDA Legislative Committee meeting • Attended the ACWA Federal Affairs Committee meeting
Staff Training and Development	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Participated in the California Association of Public Information Officials annual conference. Sessions attended included: <ul style="list-style-type: none"> ○ Selling a Tough Message ○ Using Storytelling to Demonstrate the Spirit of Service ○ Keynote Session: For the Love of Cities and Communities ○ Turning Employees into Part of Your Media Team ○ The New Normal: Customer Service Through Social Media ○ Digital Reputation Management for Government Agencies ○ Partnering with Other PIOs for Regional Messaging/Outreach Campaigns • Recognized at the California Association of Public Information Officials annual conference Gala and three received awards for: <ul style="list-style-type: none"> ○ <i>Special or Community Event, Recurring, Large Population</i> – Wyland National Mayor's Challenge and Orange County Pocket Park Award ○ <i>Branding</i> – Rebuilding and Reestablishing MWDOC's Brand Identity ○ <i>Social Media, Best Use Overall</i> – Strategic Digital Communications <p>Public Affairs and Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Staff participated in "The Respectful Workplace" human resources training