

MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PUBLIC AFFAIRS AND LEGISLATION COMMITTEE
January 15, 2018, 8:30 a.m.
Conference Room 101

Committee:

Director Dick, Chairman
Director Thomas
Director Tamaribuchi

Staff: R. Hunter, K. Seckel, H. Baez,
D. Micalizzi, P. Meszaros, 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

2. SOUTHERN CALIFORNIA WATER ISSUES CONGRESSIONAL DELEGATION BRIEFING LUNCHEON (DC)

3. CENTRAL BASIN MUNICIPAL WATER DISTRICT LEGISLATIVE PROPOSAL ON METROPOLITAN BOARD GOVERNANCE

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. UPDATE ON 2018 OC WATER SUMMIT (JUNE 1, 2018)
5. MWDOC.COM LAUNCH AND SOCIAL MEDIA UPDATE
6. EDUCATION PROGRAM 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.

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Nicholas Crockett
 Alia Cardwell

Municipal Water District of Orange County, California
Washington Update
January 9, 2018

After a flurry of Congressional activity relating primarily to the Tax Reform Bill in December, both the House and the Senate are returning to Washington this week after a holiday break.

At the top of the agenda for Congress is the passage of the Appropriations bills for FY2018. The current funding authority expires on Friday, January 19, 2018.

Funding the Federal Government:

House and Senate Leaders are seeking agreement on a two year budget deal—for the balance of the 2018 Fiscal Year for the 2019 Fiscal Year. With this strategy, the Congress will avoid fighting over a spending bill next fall in the middle of the fall elections.

As noted in previous reports, the fight has been over how much spending to allocate to our national security (defense spending) versus how much to allocate for discretionary spending (non-defense spending).

One of the key additional issues that has arisen deals with the Dreamers Issue. The legal status of the children of illegal immigrants. The status of these children is protected until March 2018 under a Trump Administration Executive Order. There are ongoing attempts to fashion a permanent solution to their status in this current Appropriations Package. The sticking point has been the desire by the Administration to receive some funding for a border wall in exchange for the resolution for the Dreamers.

Last week key Congressional Leaders met with key White House Officials. There was no agreement reached. At press time, there are ongoing efforts to fashion some kind of an agreement before January 19th. Leadership staff have advised me that they are assuming we will see another Continuing Resolution (CR) that will continue to fund the federal government until the funding levels and the Dreamers related issues have been resolved.

Infrastructure Bill:

There continues to be discussion about a One Trillion Dollar Infrastructure Program. Last weekend the President stated on Friday that he wasn't sure the Private Public Partnership (PP3)

Models would work...and this comment was followed on the next day by Gary Cohn, the President's Chief Economic Adviser's comment that the plan that the White House would be unveiling later this month did include PP3's. An example of a PP3 would be an investor or local government owned "toll road" where the revenues of the tolling pays back the cost of the infrastructure.

Of significance, there has been little seen or heard about how the President's Infrastructure Program will deal with water infrastructure. Repeatedly, we have seen comments dealing with roads, bridges, highways and airports but water is rarely mentioned. The Administration has said its Infrastructure Plan would: 1) provide regulatory relief; and, 2) provide some \$200 Billion in federal dollars that would be coupled with state and local government dollars. The plan remains fluid, according to the White House, and the rollout of the bill is expected within the next month. We are tracking this process very closely and will provide updates as we receive them.

Federal Water Appropriations:

Again, we wait. The current versions of the House and Senate Energy and Water Spending Bills funded water programs at approximately last year's levels. We are still waiting to see if the appropriations bills will fund the many grant programs which were passed as part of the California Drought Relief bill which passed in December 2016 as part of the WIIN Act (2016 version of the Army Corps Water Resources Development Act or WRDA). We are tracking this process closely and will report on developments.

Bureau of Reclamation WATERSMART "Water" Grants:

Four WaterSMART grants have recently posted. There is still ample time left for agencies to apply if they are interested.

1. [WaterSMART Drought Response Program: Drought Resiliency Projects](#)

OFFICIAL DESCRIPTION: The objective of this Funding Opportunity Announcement (FOA) is to invite states, tribes, irrigation districts, water districts, and other organizations with water or power delivery authority to leverage their money and resources by cost sharing with Reclamation on Drought Resiliency Projects that will increase the reliability of water supplies; improve water management; and provide benefits for fish, wildlife, and the environment to mitigate impacts caused by drought.

Grant Closes: February 13, 2018.

2. [WaterSMART Cooperative Watershed Management Program Phase I Grants](#)

OFFICIAL DESCRIPTION: New Watershed Group: States, Indian tribes, local and special districts (e.g., irrigation and water districts, etc.), local governmental entities, interstate organizations, and non-profit organizations. Existing Watershed Groups: In order to be eligible to receive an award for funding as an Existing Watershed Group, the applicant must be an

eligible entity as described immediately above for New Watershed Groups, and must be either be: (1) An existing watershed group, (i.e., a grassroots, non-regulatory legal entity that otherwise meets the definition of a watershed group as described in Section A.2., Objective of this Funding Opportunity Announcement; or (2) a participant in an existing watershed group

Grant Closes: January 31, 2018

3. [WaterSMART Drought Response Program: Drought Contingency Planning Grants](#)

OFFICIAL DESCRIPTION: The objective of this FOA is to invite states, Indian tribes, irrigation districts, water districts, and other organizations with water or power delivery authority to leverage their money and resources by cost sharing Drought Contingency Planning with Reclamation to build resilience to drought in advance of a crisis. Applicants under this FOA may request funding to develop a new drought plan or to update an existing drought plan (collectively, Drought Contingency Plans). Applicants may also request technical assistance from Reclamation for the development of elements of the Drought Contingency Plan (Project).

Grant Closes: February 7, 2018

4. [WaterSMART: Reservoir Operations Alternatives— Calculating Economic Effects](#)

OFFICIAL DESCRIPTION: The objective of this Funding Opportunity Announcement (FOA) is to invite states, Indian tribes, irrigation districts, water districts, universities, nonprofit research institutions and organizations with water or power delivery authority to leverage their money and resources by cost sharing with Reclamation to develop a methodology for analyzing the economic effects of reservoir operating alternatives. Applicants under this FOA may request funding for projects that include both (i) a technical study that develops a methodology for analyzing the economic effects of reservoir operating alternatives and potential improvements and (ii) a transferable tool for reservoir operators to use to estimate the benefits of specific reservoir operating alternatives and potential improvements.

Grant Closes: February 27, 2018

February 28, 2018 Washington, DC Briefing and Luncheon:

We are actively coordinating with other water districts and Congressional Offices to insure excellent participation for this annual gathering.

JCB 1/9/2018



Memorandum

To: Municipal Water District of Orange County
 From: Syrus Devers, Best Best & Krieger
 Date: January 15, 2018
 Re: Monthly State Political Report

Legislative Report

The Legislature returned on January 3rd and the Senate Democrats immediately went into caucus to debate the allegations of misconduct against Senator Tony Mendoza. He is under pressure to resign, but has refused asserting his innocence and his cooperation with investigators. After the caucus Mendoza agreed under protest to take a leave of absence for a month, but vowed to return in February. The Democrats will have lost their supermajorities in both houses during Mendoza's absence.

In the seats vacated by Assembly Members Bocanegra and Dababneh, the primaries will be on April 3, and the general elections will coincide with the primaries on June 5th. The special election for the 29th Senate District (Newman) will also be on June 5th, which is an initial victory for the Democrats who hope to benefit from higher voter turnout than would otherwise be the case.

SB 623 (Monning—public goods charge on drinking water.) While there has been no change to the status of SB 623 since the last PAL report, ACWA did convene the first lobbyist meeting of the year and discussed strategy for opposition. It was mentioned that the administration is delaying implementation of the Low-Income Water Rate Assistance Act (a.k.a. SB 401 program). The stated reason was technical challenges, but more cynical observers suggested that SWRCB didn't want to distract from the SB 623 campaign by working on two assistance programs at the same time.

Water use efficiency legislation (SB 606/AB 1668): There has also been no change to the status of the two conservation bills and no amendments have been made public since the last PAL Committee meeting. A set of amendments was delivered to the authors the week before Christmas but as yet there has been no response from either office.

Governor Brown will unveil his final budget on January 10th, followed by his last State of the State address on January 25th. Both events will be at 10:00 a.m. and available on www.calchannel.com. BB&K will provide budget highlights during oral testimony at the PAL Committee meeting.

The County of Orange Report

January 9, 2018
by Lewis Consulting Group



The January 10th LAFCO meeting was held after our print deadline, so anything of interest will be reported orally at PAL.

The January 10, 2018 agenda includes:

Item 8 - a minor border adjustment between the cities of Orange and Garden Grove effecting a little less then 1 acre along Lewis Street. Appears to be non-controversial.

Item 9A - Election of New OC LAFCO Officers

Item 9B - Appointment Process for OC LAFCO Seats

In 2018, the terms of office expire for the following OC LAFCO board members:

COMMISSIONER	MEMBER SEAT	CURRENT TERM
Todd Spitzer	Regular County Member	2014 - 2018
Cheryl Brothers	Regular City Member	2014 - 2018
John Withers	Regular Special District Member	2014 - 2018
James Fislser	Alternate Special District Member	2014 - 2018
Derek J. McGregor	Regular Public Member	2014 - 2018

County OC LAFCO Seat

County seats on OC LAFCO are appointed at the discretion of the Chair of the Board of Supervisors (BOS) with final approval by the County BOS. Committee appointments are expected to be considered by the BOS in January.

City Regular and Alternate Member Seats

The City Selection Committee (comprised of 34 Orange County City Mayors) is

responsible for appointing the upcoming Regular and Alternate City Member OC LAFCO seats. The Orange County Clerk of the Board (COB) is responsible for administering the appointment process for these seats. OC LAFCO will provide formal notification of the upcoming expired term for the Regular City Member seat currently held by Commissioner Cheryl Brothers to the COB in February. Submittal of this notification letter satisfies OC LAFCO's responsibility with respect to expiring terms. The appointment to this seat will take place at the City Selection Committee's meeting in May.

Special District Regular and Alternate Member Seats

OC LAFCO staff has a more prominent role in the appointment process for Special District Members, which is governed by Government Code Section 56332, and the Special District Selection Committee Bylaws. A schedule of key appointment events and responsibilities for one of the Regular Special District seats and the Alternate Special District seat expiring June 30, 2018 is outlined below:

Appointment Process Schedule for OC LAFCO Regular and Alternate Special District Seats Expiring June 30, 2018

DATE	EVENT
March 5, 2018	OC LAFCO Executive Officer emails notification letters with nomination forms and Declaration of Qualification to Vote to independent special district presiding officers, and special district general managers.
April 9, 2018 (3 PM)	Deadline for submitting nominations and Declaration of Qualification to Vote for the regular and alternate special district member are due to OC LAFCO by 3:00p.m.*
April 9 – 16, 2018	OC LAFCO develops ballot form.
April 17, 2018	Ballots emailed to all special district presiding officers/designees.
May 25, 2018 (3 PM)	Ballots due to OC LAFCO by 3:00 p.m.
June 4, 2018	OC LAFCO staff (or designee) tabulates ballots and announces results.

** Pursuant to Government Code Section 56332(c)(1), if only one candidate is nominated for a vacant seat, that candidate shall be deemed selected with no further proceedings.*

Public Member Seat

For the Regular Public Member appointment, the Commission policy requires that the Chair direct the Executive Officer to prepare and distribute a special notice advertising the position and soliciting resumes from interested persons.

Upon receipt of the applications, the OC LAFCO Executive Committee screens all applications and selects finalists to interview with the full Commission. For 2018, there is one term expiring for the regular public member seat.

Appointment Process Schedule for OC LAFCO Regular Public Member Seat Expiring June 30, 2018

DATE	EVENT
April 11, 2018	Announcement of Regular Public Member Seat vacancy distributed to city clerks, special district board secretaries, clerk of the BOS, and published in the <i>OC Register</i> .
May 11 – June 11, 2018 (3 PM)	Application period for interested candidates to submit resumes to OC LAFCO.
June 12 – June 22, 2018	Application screening by OC LAFCO Executive Committee
July 11, 2018	Commission interviews and selects OC LAFCO Regular Public Member (Commission Hearing).
August 8, 2018	Oath of Office Administered (Commission Hearing)

Item 9C - Review of annual OC LAFCO Audit

Item 9D - Review of Comprehensive Organization Assessment conducted by Kelly Associates Management Group, LLC



Update - Still Holiday Life Agenda

The Tuesday, January 9th County Board of Supervisors meeting had an extremely light agenda. The meeting featured tributes to outgoing Board Chair Michelle Steel and the election of new officers. Supervisor Andrew Do was unanimously elected the new Board Chairman and Shawn Nelson was unanimously elected Vice Chair.

Adjourned until January 23, 2018

January 22nd Moving-Day for Riverbed Homeless

Just weeks after the county spent nearly \$8 million to purchase a 45,000 sq. ft. building in Orange to provide mental health and drug treatment services for homeless, the county is also embarking on a “get tough” policy for the hundreds of homeless encamped along the Santa Ana River.



The county has begun to post notices along the riverbed urging the campers to leave now. Earlier, the county was intimidated by the fear of litigation. However, after conducting a survey of 1,093 riverbed homeless people, they discovered 83% of those interviewed declined both public services and housing.

County spokesperson Carrie Braun stated the area needs to be closed for an “environmental remediation project” and because the river channel isn’t safe for human habitation.



POLITICAL TIDBITS

Ed Royce Announcement Roils Orange County Politics

U.S. Representative Ed Royce announced decision to not seek re-election has stunned political observers in Orange County and Washington, D.C.

His decision has also triggered an avalanche of initial interest from prospective congressional candidates.

On the Democratic side, former Democrat congressional nominee, Jay Chen immediately jumped into the race. Chen was a surprisingly aggressive opponent to Royce in 2012 and should still have some residual name identification.

The Republican side is far more confusing as jockeying has just begun. The National Republican Congressional Campaign Committee is immediately polling and will try to use the results to winnow the field.

Among those showing initial interest are Los Angeles County Assemblyman Philip Chen and Orange County Supervisor Shawn Nelson. Other potential names include former State Senator Bob Huff, State Senator Janet Nguyen, former Assemblywoman Young Kim and former Assemblywoman Ling Ling Chang.



STAYED TUNED . . .

Ose Runs for Governor - Complicates Local Legislative Landscape

Former Northern California Republican Congressman Doug Ose has just entered the race for Governor changing the calculus and lowering the odds that one of the three G.O.P. candidates can survive to be a top two finalist in November.

For months, Orange County Assemblyman Travis Allen and San Diego businessman John Cox have battled, hoping that votes would split just right allowing one of them into the top two finish. With Ose's entrance, it will be a futile effort if all three Republicans remain in the race.

The pressure is on local Assemblyman Allen because he has the most to lose. Allen has seven years remaining in his potential legislative term limit. However, if Allen drops out of the race and seeks re-election, it stymies the plans of two major G.O.P. candidates who have already launched campaigns to succeed him. Long time Republican activist, Greg Haskins, is actively campaigning and Westminster Councilman Tyler Diep has raised an amazing \$425,00 for the effort.

Senator Josh Newman Recall Qualifies for Ballot

California Secretary of State has confirmed that more than 64,000 valid signatures were submitted, forcing a recall election vote for Orange County freshman State Senator Josh Newman.

Newman became a target of Republican ire when he cast a vote in favor of California's unpopular gas tax hike.

California gas tax

A law passed last year to repair roads and bridges over the next 10 years raises gasoline taxes by 12 cents, diesel by 20 cents and raises registration fees. If a vote were being held today, how would you vote?

(Among all registered voters)



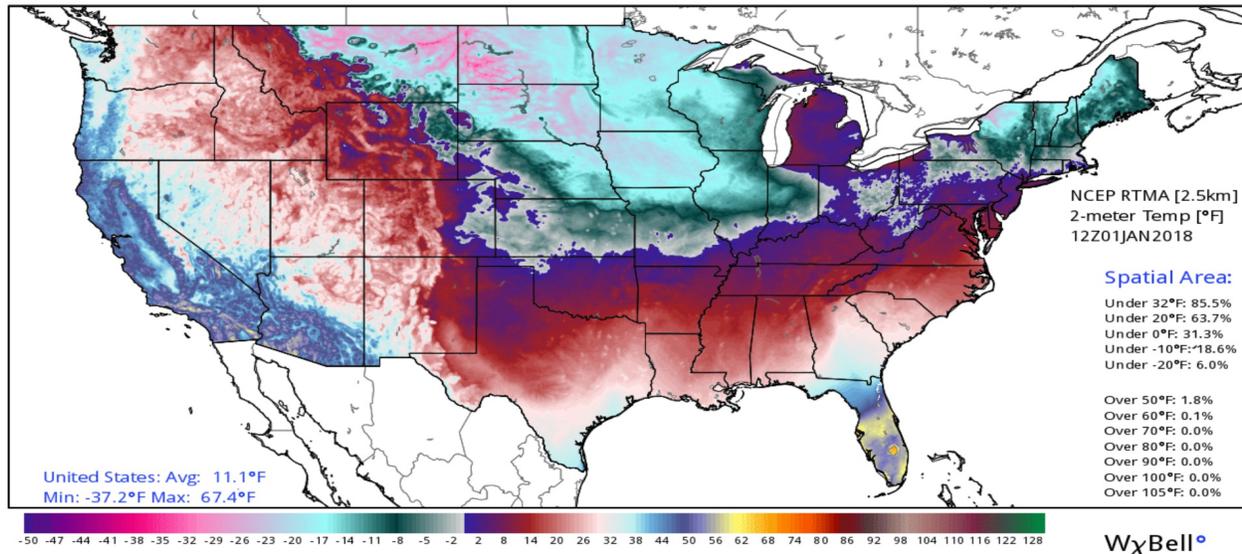
Source: USC Dornsife/L.A. Times California Poll

@latimesgraphics

The recall election will be consolidated with California's regularly scheduled June 5, 2018 statewide primary election. In doing so, the election costs will be minimized, but also Newman's chance to survive should be enhanced by a greater voter turnout.

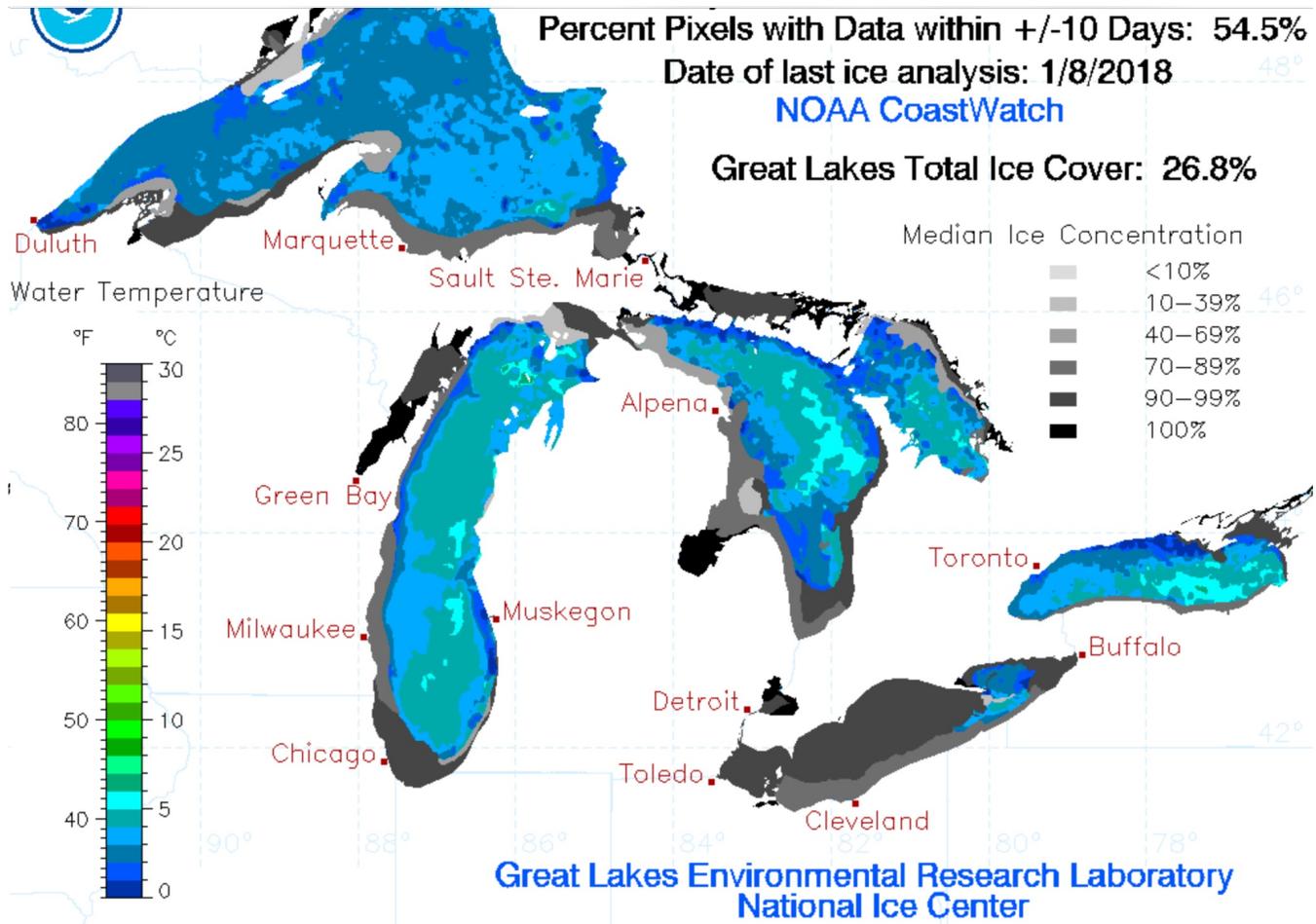
Baby It's Cold Out There

The New Year was ushered in with an amazing cold snap. At 7:00AM EST on January 1st the average temperature of the 48 contiguous states was 11 degrees Fahrenheit.



Surface temperature analysis at 7 a.m. EST January 1, 2018.

The prolonged cold has led to an early Great Lakes freeze.

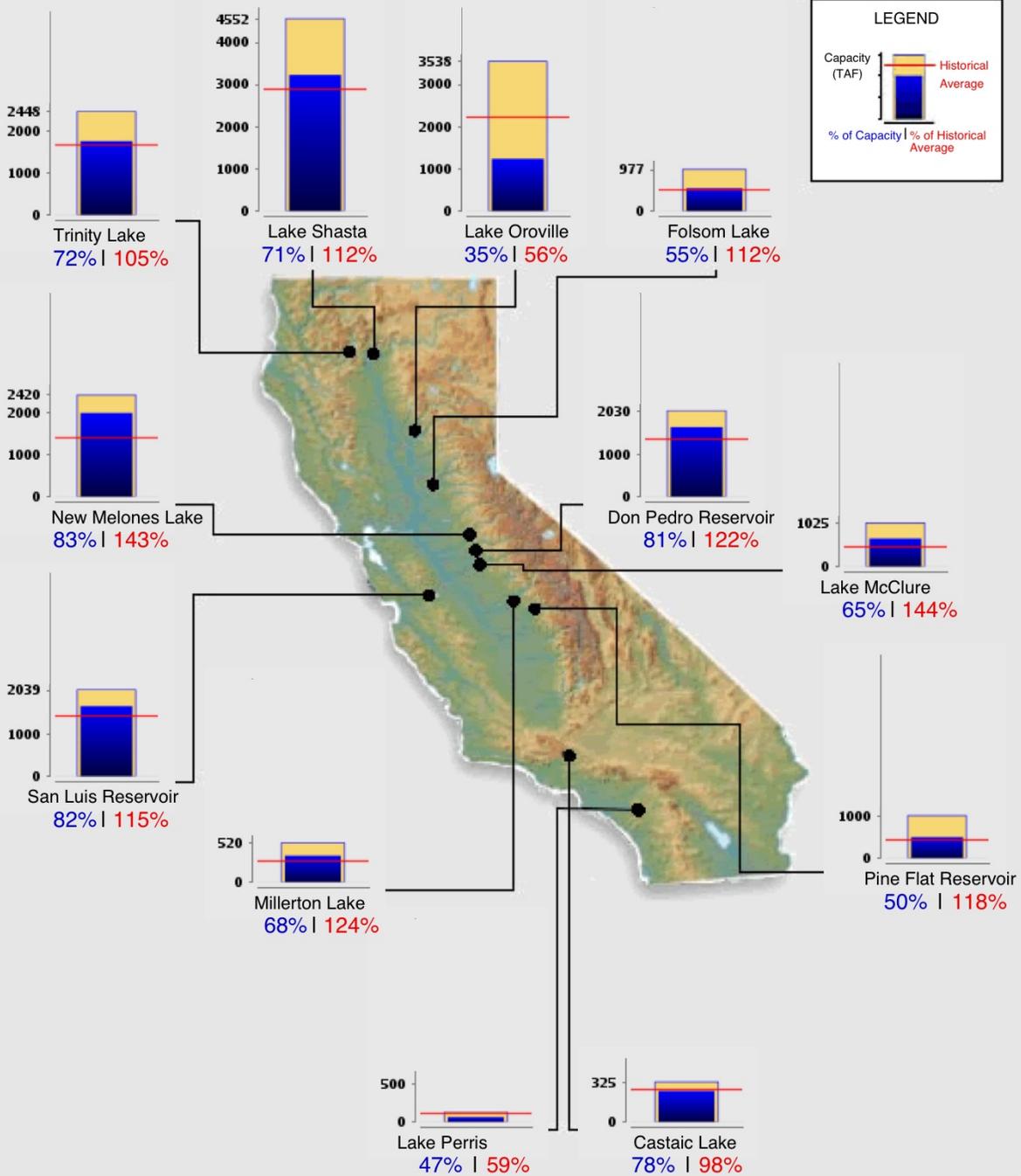


California Reservoirs Are Still Historically Full



Ending At Midnight - January 8, 2018

CURRENT RESERVOIR CONDITIONS



Graph Updated 01/09/2018 02:15 PM

ACKERMAN CONSULTING

Legal and Regulatory

January 15, 2018

- 1. Tree Loss Continues, But Slows:** California has lost 129 million trees from 2010 through the present as a result of the drought and bark beetles. The last year or so has produced a loss of 27 million. While this amount is high, it is about one half of the total lost in the 2016 time period (60 million). This fact has created another controversy. Some experts think this is showing a dramatic shift in forests from trees to shrubs and grass. Other experts believe that this is just part of the natural cycle of forests and will ultimately produce a stronger forest.
- 2. Water Causes Hills to Grow and Shrink:** Jet Propulsion Laboratory has been studying water interaction with the Sierra Nevada mountains for many years. Their conclusions are very revealing. The drought has actually caused the mountains to rise, nearly a full inch in a four year period. By contrast, our most recent rain and snow had caused those same mountains to shrink by about one half inch. The JPL study has shown that mountains are a major player in water storage. The weight of the snow pack and the ability of the mountains to hold on to water caused them to fall in measurable amounts. Unlike storage of water in underground aquifers, this storage is in fractured rock and flows down to the base of the hills. The amount of water stored is enormous. It is estimated the water loss in the Sierra from 2011-2015 is 10.8 cubic miles of water, enough to supply Los Angeles with water for 45 years. 10.8 cubic miles of water is almost 12 trillion gallons of water. Unfortunately, this water is very difficult to get, but they are continuing to study mountain hydrology to see if there is a way.
- 3. Drought Coming or Going?:** Everyone is looking at current weather patterns and our thus far weak showing of rain and snow in California, to try to predict what this season will be relative to our past drought. La Nina conditions in the Pacific seem to be increasing but the season is still young. Some parts of California are experiencing conditions of dryness that date back to the 1890s and before. Half of our average rainfall occurs in December, January and February and storms are being predicted as we speak. Reservoirs throughout the state are full and groundwater tables have improved. Most northern California areas are at about 50% of normal going into the rainy season. Southern California is not as lucky. Some scientists say we have a 33% of having a normal water season. Others say it is too early to predict. Most say we are at continued fire risk due to overall dryness, warm weather and continued lack of future rain.
- 4. Nestles Round Four:** The State Water Resources Control Board has weighed in with the Nestles permit battle. If you recall, suits have been pending for many years and thus far Nestles has been winning, even though there were some irregularities in the renewal of their old permit. The State Board has concluded their permit is not valid and they are only entitled to about 30% of the 32 million gallons they are

taking. They were urged to cut back unless they can show existing water rights or a valid permit. They have been given 60 days to submit a plan. The lawyers should continue to be busy for some time.

5. **Trump Administration Wants to Pump:** The US Bureau of Reclamation wants to “maximize water deliveries” to Central Valley farmers. President Trump wants to ship more water south and reverse the past history of reducing water flow to the Valley. Opponents claim that the Endangered Species Act and other environmental laws won’t allow increased flow. Further, environmental groups assert that any plan has to give equal weight to fish and other related concerns. However, reduced fish populations could influence the final decision. Smelt surveys are important. The last Fish and Wildlife survey registered 2 smelt which shows they may be near extinction. This is after one of the wettest winters ever which should have increased their body count. The situation is further complicated by the Water Infrastructure Improvements for the Nation Act signed by President Obama in 2016. This bill which purports to increase water supplies to the Central Valley also contains more protections for the Delta. It is not as precise as it could be which could lead to further roadblocks for increasing water deliveries.

6. **Snowpack Low:** The first snowpack measurement taken last week near Echo Summit showed 1.3 inches of snow which equates to a 3% average in January. Overall, the snowpack for the Sierras is about 24% of normal based on measurements from a broader area than just Echo Summit. The Department of Water Resources who conducts the survey acknowledged that it is still very early in the season and that additional snowfall is one its way. They also commented that the high pressure ridge in the Pacific is declining which is good news for more storms moving toward California.

7. **San Diego Says OK:** San Diego water managers say their area is OK despite dry weather and low snow levels in the Sierras. San Diego has sufficient supplies for 2018 with existing storage, desal plant and transfers on the Colorado River. October and November recorded warmer temperatures in their region setting records from 120 years ago.

8. **Beware Floods and Mudslides:** Local authorities that have been impacted by the recent fires are all preparing for their aftermath. When our rainy season hits, those fire areas are all subject to flooding and mudslides. Slow and steady rain is generally not a problem. But if we have atmospheric river action as we did last year, the high volume of rain will cause significant damage. Repairing burned slopes, hydro seeding, cleaning culverts, fencing, sandbags, concrete barriers and other erosion control methods are being implemented and/or on standby.

9. **State Water Policy Failed:** LA Times editorial writer Michael Hiltzik gave the State and its water policy an F grade for its treatment of the Delta and the smelt. In a very critical article, he traced California water policy from the State Water Project, construction of dams and aqueducts, deals with farmers, deals with environmentalists, water diversions, fish restrictions, delta farming decisions, and overall lack of consistent or effective long term policy, to show that the State was the main culprit in creating our current situation. He also pointed out the results of our last rainy season which should have helped the smelt situation but in fact, had the opposite effect.

MWDOC

PAL Committee

Prepared by, Best Best & Krieger, 1/15/2018

A. Priority Support/Oppose

Measure	Author	Topic	Brief Summary	Position	Priority	Notes 1
AB 1668	Friedman D	Water management planning.	Current law requires the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020. Current law requires each urban retail water supplier to develop urban water use targets and an interim urban water use target, as specified. This bill would require the State Water Resources Control Board, in coordination with the Department of Water Resources, to adopt long-term standards for the efficient use of water, as provided, and performance measures for commercial, industrial, and institutional water use on or before June 30, 2021.	Support	A. Priority Support/Oppose	
SB 606	Skinner D	Water management planning.	Current law requires the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020. Current law requires each urban retail water supplier to develop urban water use targets and an interim urban water use target, as specified. The bill would require an urban retail water supplier to calculate an urban water use objective no later than July 1, 2022, and by July 1 every year thereafter, and its actual urban water use by those same dates.	Support	A. Priority Support/Oppose	
SB 623	Monning D	Water quality: Safe and Affordable Drinking Water Fund.	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. The bill would require the board to administer the fund 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 state 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.	Opposition	A. Priority Support/Oppose	The public goods charge bill.

B. Watch

Measure	Author	Topic	Brief Summary	Position	Priority	Notes 1
AB 272	Gipson D	Water utility service: sale of water utility property by	Would permit a city that owns and operates a public utility for furnishing water service to sell the public utility for the purpose of	Watch	B. Watch	Addresses water district consolidation

	a city.	consolidating its public water system with another public water system pursuant to the procedures that are generally applicable to the sale of real property by a city, only if the city determines that it is uneconomical and not in the public interest to own and operate the public utility and if certain requirements are met.			in urban areas. Tracked because it may impact SB 623 debate.
AB 732	Delta levee maintenance.	Current law establishes a delta levee maintenance program pursuant to which a local agency may request reimbursement for costs incurred in connection with the maintenance or improvement of project or nonproject levees in the Sacramento-San Joaquin Delta. Current law declares legislative intent to reimburse eligible local agencies under this program, until July 1, 2018, in an amount not to exceed 75% of those costs that are incurred in excess of \$1,000 per mile of levee. Current law, until July 1, 2018, authorizes the board to provide funds to an eligible local agency under this program in the form of an advance in an amount that does not exceed 75% of the estimated state share. This bill would extend until July 1, 2020, the operation of that declaration of legislative intent and the authorization to advance funds.	Watch	B. Watch	Oppose to Watch. Amended to extend the sunset consistent with past practice.
SB 146	Water resources: permit to appropriate: protected species.	Under current law, the State Water Resources Control Board administers a water rights program pursuant to which the board grants permits and licenses to appropriate water. Current law prohibits the taking or possession of a fully protected fish, except as provided, and designates the unarmored threespine stickleback as a fully protected fish. This bill would prohibit the board from issuing on or after January 1, 2018, a new permit to appropriate water from any river or stream that has, or is reasonably expected to have, a population of unarmored threespine stickleback.	Watch	B. Watch	ACWA opposed. Aimed at one company. Not moving.
SB 740	Onsite treated water.	Would, on or before December 1, 2018, require the State Water Resources Control Board, in consultation with other state agencies, to adopt regulations, consistent with federal and state law in effect on January 1, 2018, to provide comprehensive risk-based standards for local jurisdictions permitting programs for onsite recycling of water in multifamily residential, commercial, and mixed-use buildings for nonpotable use. The bill would require the regulations to address specified issues and practices relating to the management, monitoring, and treatment of recycled water for nonpotable use.		B. Watch	
<p>Total Measures: 7</p> <p>Total Tracking Forms: 7</p>					

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWWD Position	Effects on Metropolitan
<p align="center">AB 18 E. Garcia (D) Sponsor: Author</p>	<p align="center">Amended 8/30/17 Senate Appropriations Committee</p>	<p align="center">California Clean Water, Climate, Coastal Protection and Outdoor Access for All Act of 2018: Enacts the California Clean Water, Climate, Coastal Protection and Outdoor Access for All Act of 2018, which places a general obligation bond of \$3.470 billion before voters at the June 5, 2018, statewide primary election.</p>	<p align="center">SUPPORT AND SEEK AMENDMENTS based upon Board-adopted policy principles dated June 2003</p>	<p>Recognizes the need for additional state funding for water infrastructure at time when significant water investments are acutely necessary. Requested amendments include: state support for voluntary settlements with upstream water users, both for habitat improvement and flow enhancements; additional funding for development of local water supplies; increased funding for new water treatment systems, extensions of service or consolidations for non-compliant water systems located in disadvantaged communities; flood protection; and Salton Sea restoration, consistent with CNRA Salton Sea Management Plan.</p>
<p align="center">AB 472 Frazier (D) Sponsor: Author</p>	<p align="center">Amended 9/7/17 Senate Rules Committee</p>	<p>Employer Liability: Prior amendment would have required the Department of Water Resources (DWR) to allow cover crops to remain on fallowed land, unless DWR met certain conditions. Bill now pertains to enforcement for non-serious violations by small business or microbusinesses.</p>	<p align="center">NO LONGER OF INTEREST (9/7/17)</p>	<p align="center">Amended bill is no longer of interest to Metropolitan.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>AB 574 Quirk (D) Sponsor: WaterReuse California and California Coastkeeper Alliance</p>	<p>Amended 9/1/17 Signed by Governor on 10/6/17; Chapter 528, Statutes of 2017</p>	<p>Potable Reuse: Promotes water recycling by categorizing potable reuse alternatives and by establishing a clear regulatory pathway and time frame for raw water augmentation.</p>	<p>SUPPORT (3/14/17)</p>	<p>By advancing regulatory criteria that are protective of public health, AB 574 may accelerate the deployment of recycled water projects throughout California.</p>
<p>AB 732 Frazier (D) Sponsor: Author</p>	<p>Amended 5/30/17 Senate Appropriations Committee Two-Year Bill</p>	<p>Delta Levee Maintenance: Delta levee maintenance program was established for reimbursement of costs incurred in connection with maintenance or improvement of projects or non-project levees in the Sacramento-San Joaquin Delta. AB 732 extends the current 75% state reimbursement rate for Delta levee maintenance costs in excess of \$1,000 per mile, until July 1, 2020.</p>	<p>WATCH based upon prior position on SB 554 (Wolk) from 2016</p>	<p>Metropolitan dropped its opposition to AB 732 after the Delta Stewardship Council directed staff to enter into a Memorandum of Understanding with the Central Valley Flood Protection Board (CVFPB) and DWR to develop and recommend a new set of guidelines, including a methodology and local agency requirements for evaluating a local agency's ability to pay for cost of levee maintenance or improvements under the Delta Levee Subventions Program.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
AB 791 Frazier (D) Sponsor: Author	Amended 3/21/17 Assembly Appropriations Committee Two-Year Bill	New Conveyance Facility: Would impose new and unnecessary requirements on “lead agency” (presumably DWR) to provide certain information about costs and benefits of new water delivery system improvements on a water-contractor-by-water-contractor basis <i>before</i> any water contractor could enter any contracts to fund design, construction and mitigation.	OPPOSE based upon June 2007 Board-adopted Delta Action Plan	Could delay construction of California WaterFix, with no added benefit to the public process or environment.
AB 792 Frazier (D) Sponsor: Author	Amended 1/3/18 Assembly Water, Parks and Wildlife Committee; hearing canceled at request of author Two-Year Bill	Delta Plan: Seeks to alter the composition of the Delta Stewardship Council (DSC) so that it is dominated by in-Delta interests.	OPPOSE based upon June 2007 Board-adopted Delta Action Plan	Altering the composition of the DSC, as proposed in AB 792, could create a potential bias against projects that have a statewide benefit or, in contrast, in support of proposed land development within the Delta, which was identified by the DSC in the Delta Plan as among the threats to the region. A disproportionate representation of local jurisdictions that have been opposed to the DSC and Delta Plan risk the state achieving the co-equal goals of a restored Delta and a reliable water supply for California.

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
AB 793 Frazier (D) Sponsor: Author	Amended 3/27/17 Assembly Water, Parks and Wildlife Committee Two-Year Bill	Sacramento-San Joaquin Delta – Financing: Would declare it state policy that the <u>existing</u> Sacramento-San Joaquin Delta be recognized and defined as an integral component of California's water infrastructure. Would state also that the maintenance and repair of Delta are eligible for same forms of financing as other water collection and treatment infrastructure and specifies that eligible maintenance and repair activities be limited to certain cleanup-and-abatement-related restoration and conservation activities.	OPPOSE based upon June 2007 Board-adopted Delta Action Plan	Ignores the fact that the Delta, in its <u>current</u> state, has not been developed as a “water collection or treatment facility.” The current configuration of levees was largely completed in the early 20th century to reclaim swamp and overflow land for farming or other uses. Thus, the declaration of intent is contrary to reality and is not a sound basis for infrastructure financing.
AB 869 Rubio (D) Sponsor: Author	Amended 8/24/17 Senate Natural Resources and Water Committee Two-Year Bill	Recycled Water: Would require long-term standards for urban water use conservation and water use to include credit for recycled water, as specified. Would state that water conservation does not include curtailment of use of recycled water. Would prohibit urban retail water supplier from being required to reduce amount of recycled water it produces, sells or distributes for beneficial potable or nonpotable uses during period when water conservation measures are in effect.	SUPPORT IF AMENDED based upon Board-adopted legislative policy priorities dated 5/8/17	AB 869 is consistent with provisions found in SB 606 (Skinner/Hertzberg) and AB 1668 (Friedman) Metropolitan, with a few distinctions. Recognizes that recycled water is an efficient use and should be treated as such in any new water use efficiency targets, although expands credit specified in SB 606 and AB 1668 to include nonpotable recycled water. Attempts to override authority extended to Governor under Emergency Services Act regarding curtailment of potable and nonpotable recycled water.

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>AB 968 Rubio (D)</p> <p>Sponsor: Regional Water Authority and Irvine Ranch Water District</p>	<p>Amended 4/17/17</p> <p>Assembly Appropriations Committee</p> <p>Two-Year Bill</p>	<p>Water Use Efficiency Targets: Defines “water efficiency target” as a target developed by an urban retail water supplier for 2025 water efficiency in its 2020 urban water management plan. Requires each urban retail water supplier to adopt one of three methods for determining water efficiency targets. Maintains the existing exclusion of recycled water from the calculation of base daily per capita water use. Requires Dept. of Water Resources, in consultation with the State Water Resources Control Board, to, by July 1, 2018, convene a task force for the purposes of recommending appropriate performance measures for the commercial, industrial and institutional sectors.</p>	<p>SUPPORT based upon Board-adopted legislative policy priorities dated 5/8/17</p>	<p>Preserves the legislative process for setting water-use efficiency goals and recognizes the role of state agencies to implement a detailed framework consistent with the goals. Supports multiple compliance methods that includes a water-budget based target-setting approach in addition to other methods that could be customized to unique local conditions and could be equally effective in reducing water use.</p>
<p>AB 1270 Gallagher (R)</p> <p>Sponsor: Author</p>	<p>Amended 9/12/17</p> <p>Senate Inactive File</p>	<p>Dams and Reservoirs – Inspections and Reporting: Completely rewritten to require inspection of dams, reservoirs and critical appurtenant structures within jurisdiction of Division of Safety of Dams (DSOD) once per fiscal year, except for low hazard dams that would require inspections at least every two fiscal years. Dam inspection reports would be subject to California Public Records Act. Also requires DSOD, in consultation with independent, national dam safety and dam safety risk management organizations to, on or before January 1, 2019, and every ten years thereafter propose amendments to existing dam safety regulations to incorporate updated best practices.</p>	<p>WATCH (9/8/17)</p>	<p>Bill was recently amended. Still contains language to address concerns regarding the posting and protection of sensitive information.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWWD Position	Effects on Metropolitan
AB 1323 Weber (D) Sponsor: San Diego County Water Authority	Amended 5/30/17 Senate Appropriations Committee Two-Year Bill	Water Efficiency Targets: Provides that if a statute is not chaptered during 2017-18 legislative session to establish water conservation targets and long-term drought contingency planning, DWR shall convene stakeholder workgroup by February 1, 2019, to develop, evaluate and recommend proposals for establishing new water use targets for urban retail water suppliers.	SUPPORT based upon Board-adopted legislative policy priorities dated 5/8/17	Metropolitan supports state agency implementation of a framework consistent with the water use efficiency goals set by the Legislature by working through a stakeholder process to ensure the goals are met in a way that recognizes the unique challenges of agencies throughout California.
AB 1427 Eggman (D) Sponsor: Stockton-East Water District	Amended 3/21/17 Assembly Appropriations Committee Two-Year Bill	Water – Underground Storage: Amends Water Code Section 1242 to declare that storing water underground, including diverting surface water for storage, for purposes including, but not limited to, protection of water quality or recovery of groundwater levels, are beneficial uses. Also states that existing forfeiture provisions for non-use of water for a period of longer than five years would not apply.	OPPOSE UNLESS AMENDED based upon prior opposition to AB 647 (Eggman) from 2015	Must include safeguards to ensure that permanent underground storage is implemented in reasonable manner. SWRCB must confirm that flows are not already otherwise appropriated or diverted at times when federal Central Valley Project and State Water Project are required to release supplemental project water to meet water quality objectives in Delta watershed. Additional amendments are necessary to ensure alignment with Groundwater Management Sustainability Act of 2014.

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>AB 1654 Rubio (D) Sponsor: Regional Water Authority and Irvine Ranch Water District</p>	<p>Amended 7/12/17 Senate Rules Committee</p>	<p>Drought Contingency Planning: As a step towards developing a single legislative proposal, the bill was amended in the Senate Natural Resources and Water Committee to state the intent of the Legislature to enact legislation necessary to help make water conservation a California way of life.</p>	<p>WATCH based upon Board-adopted legislative policy priorities dated 5/8/17</p>	<p>Author declined to incorporate work product stemming from legislative negotiations during summer recess [see summary of SB 606 (Skinner/Hertzberg) and AB 1668 (Friedman)].</p>
<p>AB 1667 Friedman (D) Sponsor: Author</p>	<p>Amended 7/3/17 Senate Natural Resources and Water Committee Two-Year Bill</p>	<p>Water Management Planning: Reflects the Brown Administration's June 2017 proposal to implement Executive Order B-37-16 and the framework contained in the report Making Water Conservation a California Way of Life for urban and agricultural water usage and drought planning.</p>	<p>SUPPORT IF AMENDED based upon Board-adopted legislative policy priorities dated 5/8/17</p>	<p>AB 1667 is consistent, in part, with the policy priorities adopted by Metropolitan's board. There are specific provisions, however, that require revisions to merit full support.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>AB 1668 Friedman (D)</p> <p>Sponsor: Author</p>	<p>Amended 9/8/17</p> <p>Senate Rules Committee</p>	<p>Water Management Planning: Proposes targets for indoor residential water use and performance measures for CII water. References the Model Water Efficient Landscape Ordinance for outdoor water use. Also clarifies SWRCB enforcement authority for non-compliance; updates agricultural water use efficient requirements; and provides for countywide and small system drought planning.</p>	<p>SUPPORT based upon Board-adopted legislative policy priorities dated 5/8/17</p>	<p>AB 1668 recognizes the Legislature's critical role in providing appropriate oversight to implementation of water conservation efforts by the Department of Water Resources and the State Water Resources Control Board, while preserving local decision making. Bill includes a water-budget based target-setting approach that could be customized to unique location conditions and could be equally effective in reducing water use.</p>
<p>AB 1669 Friedman (D)</p> <p>Sponsor: Author</p>	<p>Amended 4/18/17</p> <p>Assembly Appropriations Committee</p> <p>Two-Year Bill</p>	<p>Water Use Efficiency Targets: Requires the State Water Resources Control Board (SWRCB), in consultation with the Department of Water Resources (DWR), to adopt long-term standards for urban water conservation and water use by May 20, 2021. Specifically, this bill requires the long-term standard to include indoor residential water use, outdoor irrigation water use, as specified, and industrial, institutional and commercial water use. Allows the SWRCB, in consultation with DWR, to adopt and update interim standards for urban water conservation and water use.</p>	<p>OPPOSE UNLESS AMENDED based upon Board-adopted legislative policy priorities dated 5/8/17</p>	<p>AB 1669, in many areas, conflicts with the policy priorities adopted by Metropolitan's board. The bill grants authority to a state agency to issue interim standards through emergency regulations outside of a Governor-declared emergency. The bill does not protect existing water rights; provides for only one compliance path; fails to recognize recycled water as an efficient use of water; and proposes water use reduction targets for the commercial, industrial and institutional sector rather than pursuing a performance-based approach.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">SB 5 DeLeon (D)</p> <p>Sponsor: Author</p>	<p align="center">Amended 9/10/17</p> <p align="center">Signed by Governor on 10/15/17</p>	<p align="center">California Drought, Water, Parks, Climate, Coastal Protection and Outdoor Access for All Act of 2018: Enacts the Drought, Water, Parks, Climate, Coastal Protection and Outdoor Access for All Act of 2018, which places a general obligation bond of \$3.5 billion before voters at the June 5, 2018, statewide primary election.</p>	<p align="center">SUPPORT</p> <p>based upon Board-adopted policy principles dated June 2003</p>	<p>Recognizes the need for additional state funding for water infrastructure at time when significant water investments are acutely necessary. Program funding includes state support for voluntary settlements with upstream water users, both for habitat improvement and flow enhancements; additional funding for development of local water supplies; increased funding for new water treatment systems, extensions of service or consolidations for non-compliant water systems located in disadvantaged communities; flood protection; and Salton Sea restoration, consistent with CNRA Salton Sea Management Plan.</p>
<p align="center">SB 80 Wieckowski (D)</p> <p>Sponsor: Author</p>	<p align="center">Amended 6/21/17</p> <p align="center">Vetoed on 10/16/17</p>	<p align="center">California Environmental Quality Act: Would have required the preparation, filing and posting on the internet of Notices of Exemption that the California Natural Resources Agency has categorically exempted from CEQA because said actions have no significant adverse impact.</p>	<p align="center">OPOPOSE</p> <p>based upon January 2017 Board-adopted State Legislative Priorities</p>	<p>Would have required public agencies to prepare, file and post on the internet dozens, if not hundreds, of additional Notices of Exemption every month for every discretionary action that would cause any change in the physical environment, regardless how insignificant. Although the Governor agreed with the author's desire to provide greater transparency, he vetoed the bill as he felt the current CEQA process already is very detailed and requires an incredible amount of notice.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>SB 92 Senate Budget and Fiscal Review Committee Budget Trailer Bill</p>	<p>Chapter 26, Statutes of 2017 Signed by Governor on 6/27/17; Chapter 26, Statutes of 2017</p>	<p>Resources Trailer Bill: Sections 60-61, 64, 84-94 and 102 provide the Department of Water Resources (DWR) with new authorities that are in alignment with recommended best practices for dams and appurtenant structures from the Federal Emergency Management Agency and the Association of State Dam Safety Officials.</p>	<p align="center">SUPPORT (6/13/17)</p>	<p>SB 92 strengthens DWR’s regulatory powers and oversight. Further, the requirement for regularly updated inundation maps and emergency action plans will improve emergency planning for neighboring communities.</p>
<p>SB 224 Jackson (D) Sponsor: Author</p>	<p>Amended 1/3/18 Senate Judiciary Committee Date of Hearing: 1/9/18</p>	<p>Personal Rights: Sexual Harassment: Would include an investor, elected official, lobbyist, director and producer among those listed persons who may be liable to a plaintiff for sexual harassment.</p>	<p align="center">PENDING</p>	<p>Metropolitan staff reviewing and analyzing current version of bill.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>SB 231 Hertzberg (D)</p> <p>Sponsor: Water Foundation</p>	<p>Amended 4/19/17</p> <p>Signed by Governor on 10/6/17; Chapter 536, Statutes of 2017</p>	<p>Local Government - Fees and Charges: Provides a definition of "sewer" that predates Proposition 218 and treats fees for stormwater like all other water and sewer fees. Seeks to clarify where stormwater and flood control systems may overlap with water and sewer systems for which Proposition 218 requires a lower approval threshold. SB 231 does not change the CA Constitution's mandate for rigorous oversight of water and sewer fees, including reports, hearings and protest votes.</p>	<p align="center">SUPPORT (4/11/17)</p>	<p>Stormwater is an important source of local water supply and careful management is necessary to reduce pollution. Currently, property-related fees to fund stormwater and flood control programs, not associated with water supply, require a higher approval standard than property-related fees for other water services.</p>
<p>SB 606 Skinner (D) and Hertzberg (D)</p> <p>Sponsor: Authors</p>	<p>Amended 9/6/17</p> <p>Assembly Floor</p> <p>Two-Year Bill</p>	<p>Water Management Planning: Provides for the calculation of water use objectives by urban retail water supplies. Specifies SWRCB enforcement tools and timelines. Contains revisions to UWMP reporting and filing requirements. Provides for preparation of Water Shortage Contingency Plans and annual water supply and demand assessment by urban wholesale and retailer water suppliers. Measure also recognizes that recycled water is an efficient use and should be treated as such in the calculation for new water-use efficiency targets.</p>	<p align="center">SUPPORT based upon Board-adopted legislative policy priorities dated 5/8/17</p>	<p>Preserves the legislative process for setting water-use efficiency goals yet recognizes the role of state agencies to implement a detailed framework consistent with those goals. Bill contains numerous opportunities for stakeholder engagement to ensure requirements of the measure are met in a way that recognizes the unique challenges of water agencies throughout California. SB 606 preserves local and regional decision-making and control in determining actions to avoid shortage or mitigate shortage impacts.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 1/8/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>SB 623 Monning (D)</p> <p>Sponsor: Community Water Center and Western Growers Association</p>	<p>Amended 8/21/17</p> <p>Assembly Rules Committee</p> <p>Two-Year Bill</p>	<p>Safe and Affordable Drinking Water Fund: Would establish the Safe and Affordable Drinking Water Fund to assist communities and individual domestic well owners who lack access to safe drinking water, particularly those in small, rural disadvantaged communities. Fund may pay for replacement water; domestic well testing and investigations; planning, construction, operation and maintenance costs for system improvements; and outreach to eligible communities. Revenue for the Fund would come from an agricultural fee on fertilizer sales and dairy operations and a permanent tax on ratepayers of urban retail water systems.</p>	<p>OPPOSE UNLESS AMENDED</p> <p>based upon December 2017 Board-adopted State Legislative Priorities</p>	<p>Generally speaking, the water industry agrees with the intent of SB 623. The lack of access to safe drinking water in certain disadvantaged communities is a public health and social issue that the state must address. Potential revenue sources identified for the Fund should reflect the “beneficiary pays” principle, as opposed to a fee or assessment levied on water agencies for funding the broader public benefits.</p>



DISCUSSION ITEM
January 15, 2018

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

FROM: Robert Hunter, General Manager

Staff Contact: Heather Baez

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

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

As customary, MWDOC co-hosts the Southern California Water Issues Congressional Delegation Briefing luncheon during the ACWA conference in Washington D.C.; and has once again partnered with regional neighbors, Eastern Municipal Water District (EMWD), Inland Empire Utilities Agency (IEUA), and Western Municipal Water District (WMWD). The luncheon is scheduled for Wednesday, February 28th at noon. It is important to note that ACWA also hosts a luncheon for conference attendees - "Group Leader Updates" during this time.

The ACWA Washington D.C. conference is scheduled for Tuesday, 02/27/2018 - Thursday, 03/1/2018 at the St. Regis Hotel. ACWA is accepting online registration for the conference through February 9, 2018. Details about the conference from their website:

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

Why Attend?

Learn firsthand about the current priorities of Congress and the Trump administration. Get the latest on infrastructure legislation, 2018 budget and funding for your programs of interest. Meet and join fellow water agencies to show the importance of California water issues. Be in DC early to better develop your federal legislative and regulatory strategies.

What Can You Expect?

Hear from White House and Congressional leaders, top officials at EPA, Army Corps and Bureau of Reclamation. Learn the 2018 agendas of members of the California Congressional Delegation. Hear from 'DC Insiders' about the state of play in our nation's capital.

UPDATE FROM LAST MONTH

The Gold Room in the Rayburn House Office Building has been secured as our luncheon location. Invitations were hand delivered to each congressional office on January 11. These invitations will be followed up with calls and emails from MWDOC and its partnering agencies to encourage attendance.

Long Beach Water Department chose to opt out of co-sponsoring the luncheon this year as they currently do not have any federally funded projects, nor planned any for the future. They are in the process of developing their resources plan and are working toward a targeted presentation. Although they are no longer a co-sponsor, they may still attend the luncheon as Orange County and Long Beach share a representative – Congressman Alan Lowenthal.

Staff from MWDOC, EMWD, IEUA, and WMWD have begun updating the briefing book and program for the luncheon. The briefing book – which includes a brief background on the five presenting agencies – will highlight the investments and importance of reliability, with special emphasis placed on the CA WaterFix. Partner and member agency pages are due back to MWDOC no later than Monday, January 15.

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



DISCUSSION ITEM

January 15, 2018

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

FROM: Robert Hunter, General Manager
Staff Contact: Heather Baez
Melissa Baum-Haley

SUBJECT: CENTRAL BASIN MUNICIPAL WATER DISTRICT LEGISLATIVE PROPOSAL ON METROPOLITAN BOARD GOVERNANCE

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

Central Basin Municipal Water District (CBMWD) has shared with Metropolitan Water District of Southern California (MWD) a preliminary legislative proposal that seeks to amend the MWD Act to provide an alternative and optional methodology for appointing directors. It is staff's understanding that the purpose of this legislation is to address the potential loss of one of their two MWD representative as a result of a gradual decline in their share of assessed valuation i.e. property value compared to other remaining MWD agencies.

On January 8, the MWD's Communication and Legislative Committee will review and discuss CBMWD's proposal. Such a change to MWD's Board or governance structure require legislative changes to the MWD Act.

CBMWD does not yet have formal bill language. They are in the early stages of the legislative proposal process. The purpose of this item is for the MWD OC Board to discussion CBMWD's alternative and optional methodology for appointing directors at MWD.

Attached is MWD's presentation that provides details on CBMWD's legislative proposal along with preliminary analysis of their alternative methodology.

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



CBMWD Legislative Proposal on Metropolitan Board Governance

Communications and Legislation Committee

Item #6d

January 8, 2018

CBMWD Proposal

- Seeks to amend the MWD Act to provide an alternative and optional methodology for appointing directors
- Addresses perceived potential loss of representation in communities due to slower relative increases in assessed property values

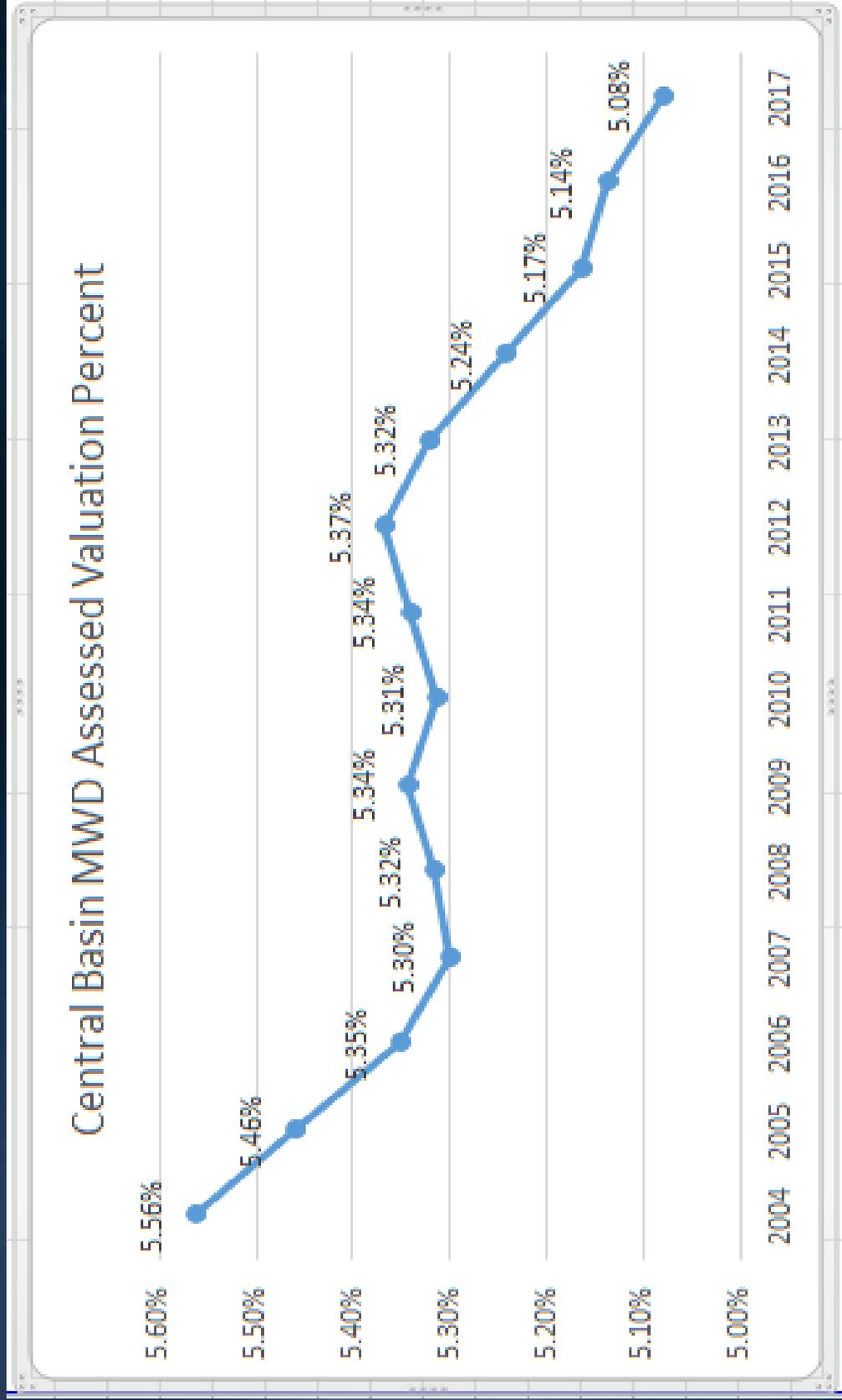
CBMWD Proposal

- Adds a new subsection (c) to section 52 of the MWD Act
- Retain current allocation of votes by assessed value
- Allows member agencies to designate an additional director for every full five percent of population in Metropolitan's service area based on the census, or follow existing method
- Choice between methods is exercised once every 10 years

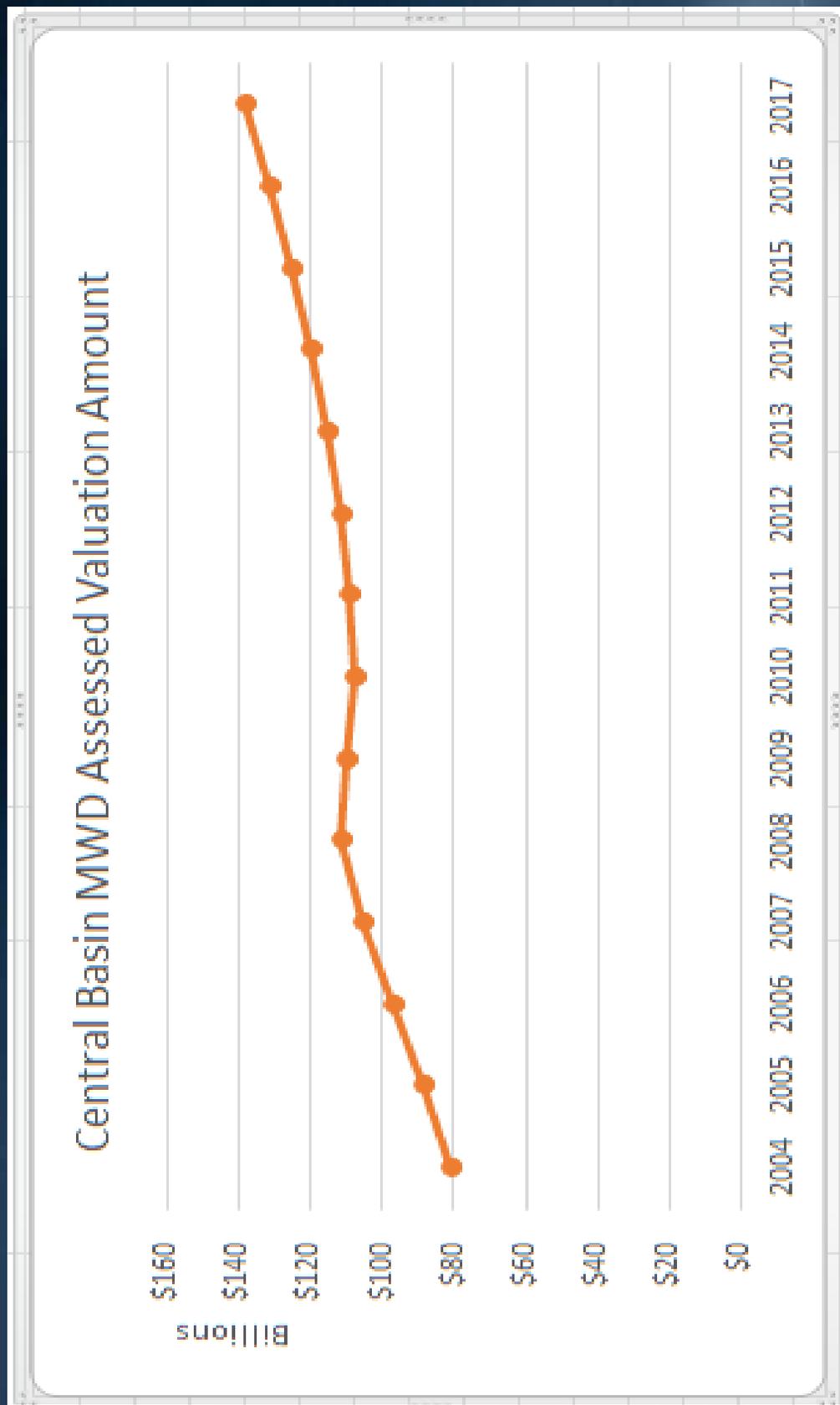
CBMWD Proposal

- Changes to Metropolitan's Board or governance require legislative changes to the MWD Act
- Changes to the composition of Metropolitan's Board may require changes to the MWD Administrative Code and committee structure

CBMWD's Historical Assessed Value



CBMWD's Recent Assessed Value



CBMWD's Proposal

Member Agency	Current AV Methodology (A)			Alternative Population Methodology (B)			Greater of A or B	Change
	Assessed Valuation	Percent of AV	Director Entitlement	Estimated Population	Percent of Population	Director Entitlement		
Anaheim	42,993	1.58%	1	362,717	1.96%	1	1	0
Beverly Hills	31,896	1.17%	1	42,699	0.23%	1	1	0
Burbank	22,99	0.84%	1	108,229	0.58%	1	1	0
Calleguas	98,446	3.61%	1	627,572	3.39%	1	1	0
Central Basin	138,379	5.08%	2	1,563,063	8.45%	2	2	0
Compton	4,234	0.16%	1	90,070	0.49%	1	1	0
Eastern	73,238	2.69%	1	775,170	4.19%	1	1	0
Foothill	17,567	0.64%	1	81,504	0.44%	1	1	0
Fullerton	18,757	0.69%	1	132,809	0.72%	1	1	0
Glendale	30,03	1.10%	1	182,998	0.99%	1	1	0
Inland Empire	103,526	3.80%	1	825,309	4.46%	1	1	0
Las Virgenes	24,175	0.89%	1	69,516	0.38%	1	1	0
Long Beach	47,697	1.75%	1	480,071	2.59%	1	1	0
Los Angeles	554,948	20.37%	5	3,982,682	21.25%	5	5	0
MWD/COC	467,416	17.15%	4	2,294,961	12.40%	3	4	0
Pasadena	28,74	1.05%	1	165,208	0.89%	1	1	0
San Diego	476,435	17.48%	4	3,104,798	16.78%	4	4	0
San Fernando	184	0.07%	1	24,191	0.13%	1	1	0
San Marino	6,21	0.23%	1	13,311	0.07%	1	1	0
Santa Ana	25,03	0.92%	1	331,070	1.79%	1	1	0
Santa Monica	34,217	1.26%	1	91,094	0.49%	1	1	0
Three Valleys	65,103	2.39%	1	516,096	2.79%	1	1	0
Torrance	27,551	1.01%	1	136,260	0.74%	1	1	0
Upper San Gabriel	98,685	3.62%	1	858,868	4.64%	1	1	0
West Basin	186,639	6.85%	2	810,775	4.38%	1	2	0
Western	98,21	3.60%	1	886,128	4.79%	1	1	0
TOTAL	2,724,952	100.00%	38	18,507,169	100.00%	36	38	0



INFORMATION ITEM

January 15, 2018

TO: Board of Directors

FROM: **Public Affairs Legislative Committee**
(Directors Dick, Tamaribuchi and Thomas)

Robert Hunter, General Manager

Staff Contact: Damon Micalizzi

SUBJECT: UPDATE ON 2018 OC WATER SUMMIT

STAFF RECOMMENDATION

Staff recommends the Board of Directors receive and file.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

MWDOC and Orange County Water District staff continue to work on the 2018 OC Water Summit, themed: *Water, What's Behind the Magic*.

Disney's Creative team is putting the finishing touches on graphic elements for this year's Summit. Invitations are out to hopeful speakers including NBC4's Fritz Coleman as Emcee and new Commissioner of the US Bureau of Reclamation, Brenda Burman as Keynote.

The 2018 OC Water Summit will be at the Disney Grand Californian Hotel on June 1, 2018.

The Summit committee meeting dates are:

- Monday, January 29, 2018, 8:30 am
- Monday, February 26, 2018, 8:30 am
- Tuesday, March 20, 2018, 8:30 am
- Monday, April 30, 2018, 8:30 am
- Dark in May – staff meeting(s) only unless something unexpected occurs
- Monday, June 25, 2018, 8:30 am (Post event wrap-up meeting).

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



INFORMATION ITEM
January 15, 2018

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

FROM: Robert Hunter, General Manager

Staff Contact: Tiffany Baca

SUBJECT: MWDOC.COM LAUNCH AND SOCIAL MEDIA 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)

SUMMARY

On Saturday, December 16, staff and web developer LA Design Studio, “soft-launched” the newly refreshed District website www.mwdoc.com, meaning, the website went live but was not promoted to the public so that staff could test the stability of the site, and correct any issues that might have come up in the live environment. On December 21, staff issued a news release announcing the launch to the public via social media, as well as through email correspondence and eCurrents. Additionally, now with up-to-date, visually appealing content to drive website visitors to, social media contractors Hashtag Pinpoint have been creating posts that support goals to attract and engage more likes and followers through social media, and to drive visitors to the MWDOC website to access valuable information and resources.

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

DETAILED REPORT

Since the official launch on December 21, staff has received an overwhelmingly positive response for the newly redesigned website, mwdoc.com. Some of the comments received by staff from top communications experts include:

“This website is FANTASTIC! I was so pleased to see a really modern, forward looking site developed for a public agency. Nice work.

Really...it’s solid. I wish all our regional and local agencies could shift to this approach. I’m going to ping out to a bunch of folks as a great case study.” – Fiona Hutton, President, Fiona Hutton & Associates

“... great job on the new website! It’s a terrific improvement over the last one, much more engaging and well organized, and the various fact sheets convey a massive amount of information in a very user-friendly form. Nicely done!” Laer Pearce, President, Laer Pearce & Associates

Staff has gathered analytics from the time period of the “soft launch” of the website on December 16, through January 8. During this period, mwdoc.com has received 8,512 page views from 2,155 users. The average stay on each page has been roughly 3 minutes. Approximately 34% of traffic is “organic” meaning the website has been found through various search engines while 38% of traffic has been determined by visitors using the mwdoc.com url directly. 28% of traffic is being driven by social media direct links however, with the increased effort being placed on social posts, it is likely that users are also utilizing the mwdoc.com url directly.

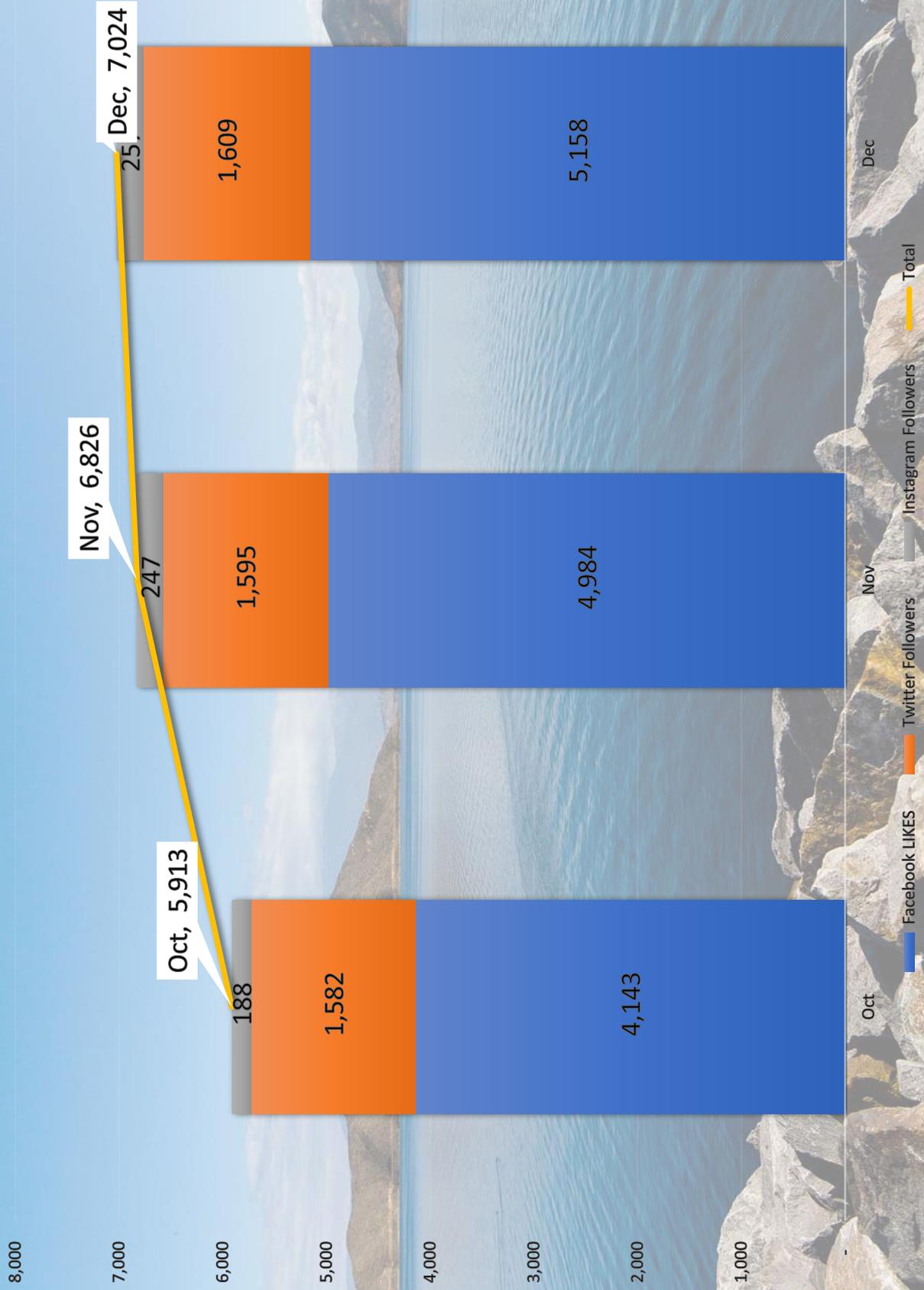
Also during this period, nearly 60% of visitors to the website have been categorized as “new” meaning they have accessed the website directly one time, and 40% are return visitors. Additionally, 75% of visitors view the website via desktop, 19% via mobile device, and 6% through tablets. Visitors are coming to the website most often Monday through Friday from 8am-4pm.

To date, the top visited web pages are as follows:

- Home page 17%
- WUE landing page 6%
- Residential Rebates page 6%
- Board Meetings 4%
- Careers 4%
- Turf Removal 4%
- Calendars, OC Friendly Landscapes, About Us, Contact Us, Leadership, News and Events pages each from 2-3%

Moving forward, staff will continue to work with the web developer and the social media contractors to improve the site, update content, and drive visitors to the valuable information, news, and resources on mwdoc.com. December’s social media statistics for engagement and audience insights are included in this report.

MWDOC Social Media Growth



From: Facebook Ads Team
To: [Kevin Perkins](#)
Subject: Joe, your recent promotion has ended
Date: Monday, December 11, 2017 11:37:39 AM



Results Summary

Hi Joe,

Your promotion has ended and your results are ready for you to review. Use them to keep connecting with the people on Facebook who matter to your business.

Your Promotion

[MWDOC 2017-12-04 Reservoir Levels BP](#)

December 4, 2017, 10:20 am

97,637 People Reached

People who saw your promotion

97,637 Impressions

\$500.00 Spent

Total amount spent on this promotion

[Create New Ad](#)

[View Detailed Results](#)

Tips for Promotions and Boosted Posts

- Stand out by trying different ad formats such as carousel or video.
 - Tailor your images and content to your target audience. Learn about your audience in People Insights.
 - Many advertisers target an audience that is too broad. Narrow your audience by age, gender, location or interest to see better results.
-

This email was sent to kevin@hashtagpinpoint.com. You can [unsubscribe](#) or [learn more](#) about advertising. Facebook, Inc., Attention: Community Support, 1 Hacker Way, Menlo Park, CA 94025

From: Facebook Ads Team
To: [Kevin Perkins](#)
Subject: Joe, your recent promotion has ended
Date: Thursday, December 14, 2017 10:29:29 AM



Your Promotion Has Ended

Your results are ready for you to review. You can use these insights to keep connecting with the people on Facebook who matter to your business.

[MWDOC 2017-12-05 Mammoth Snow Pack BP](#)

December 5, 2017, 11:55 am

39,820 People Reached

People who saw your promotion

39,820 Impressions

\$500.00 Spent

Total amount spent on this promotion

[View Results](#)

[Create New Ad](#)

[Learn More](#)

This message was sent to kevin@hashtagpinpoint.com. As a customer of Facebook Ads, we will sometimes email you with optimization tips for your account. If you have questions about ads, you can [get help](#).

To edit which notifications you receive from Facebook Ads, please visit the [settings page](#).



Facebook, Inc., Attention: Community Support, 1 Hacker Way, Menlo Park, CA 94025



Municipal Water District of Orange County

Dec 01, 2017 - Dec 31, 2017

Aggregate Data

Facebook Insights : Snapshot

Total Likes ?

5,150

0.9%

New Likes ?

76

3 (daily avg)

Page Engagement ?

73

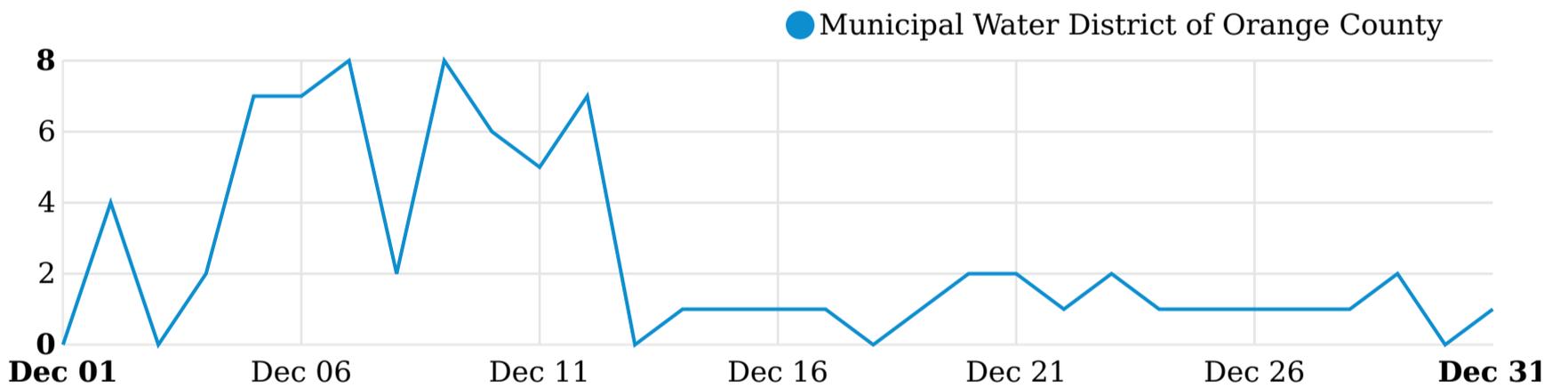
-98.7%

Weekly Total Reach ?

834

-99.2%

Facebook Insights : Compare Daily Likes



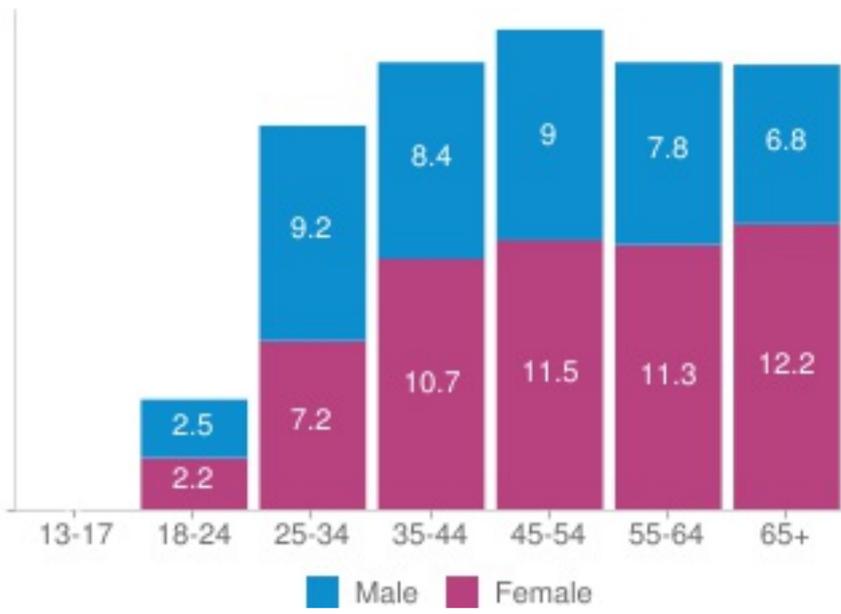
ORANGE COUNTY - POPULATION FACTS:

- | Population: 3,051,771
- | Households: 995,512
- | Armed Forces: 2,285
- | Employed: 1,450,000
- | Unemployed: 150,000
- | Not in Labor Force: 802,000
- | On Food Stamps: 50,400
- | Not On Food Stamps: 945,00
- | Higher Degree: 895,000
- | H.S. Diploma: 789,000
- | No H.S. Diploma: 325,000

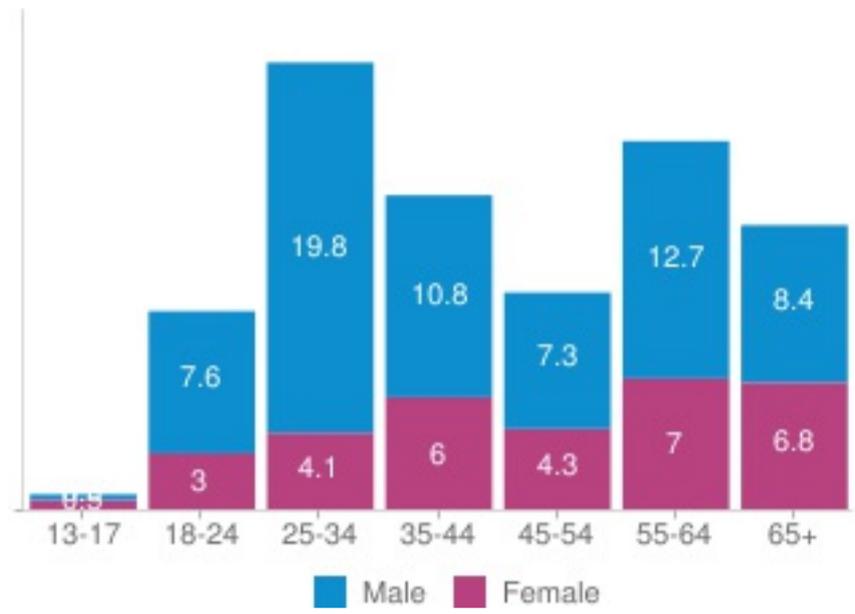
FB Insights : Likes by Demographic

Age	Male	Female
13-17	0%	0%
18-24	2.5%	2.2%
25-34	9.2%	7.2%
35-44	8.4%	10.7%
45-54	9%	11.5%
55-64	7.8%	11.3%
65+	6.8%	12.2%

FB Insights : Likes by Gender



FB Insights : People Talking About This, Gender



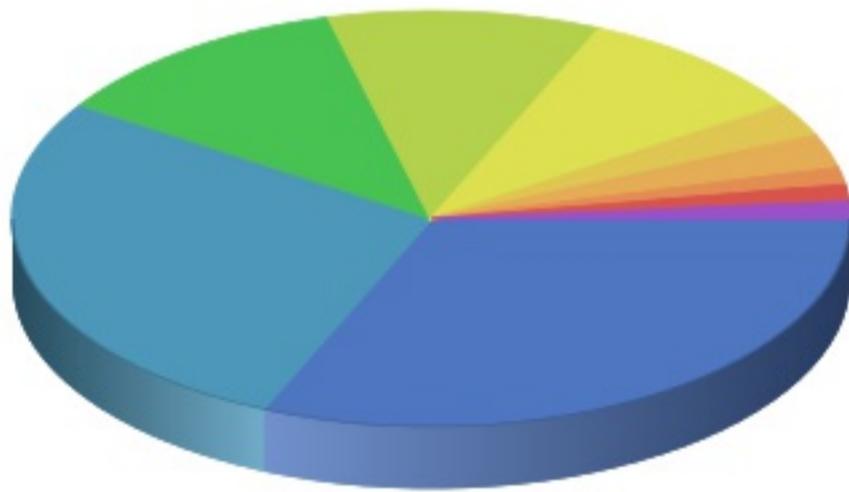
FB Insights : Gender Summary

MALE
44%

FEMALE
55%

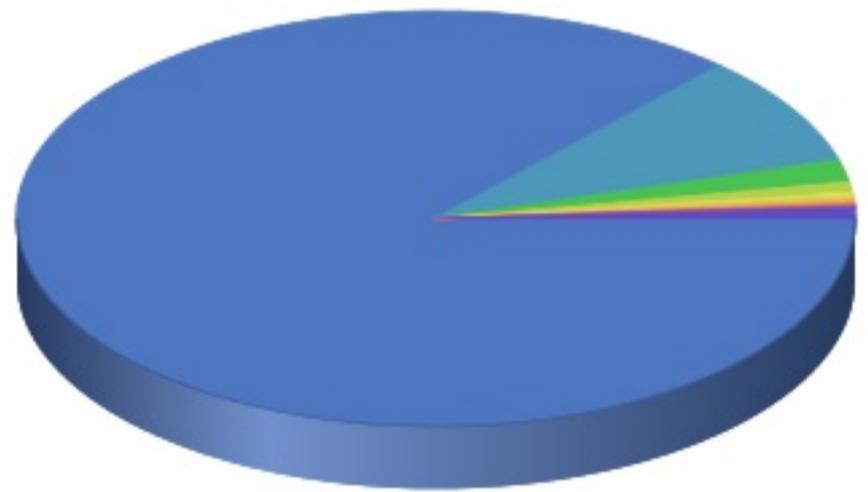
UNKNOWN
1%

FB Insights : Likes by Source



Sources	Likes
Page Profile	24
Ads	21
Feed Story	9
Banhammer	8
Pagelike Adder For Reactivated Users	7
Page Invite	2
Page Browser Invite	2
Search	1
Profile Edit	1
Sponsored Story	1

FB Insights : Likes by Language



Languages	Likes
U.S. English	4,472
Spanish (Laos)	443
British English	89
Iberian Spanish	42
Vietnamese (Vietnam)	19
Chinese (Taiwan)	13
French (France)	9
Brazilian Portuguese	8
Korean (South Korea)	6
Japanese (Japan)	6
18 more languages	43

FB Insights : Per-Post Metrics

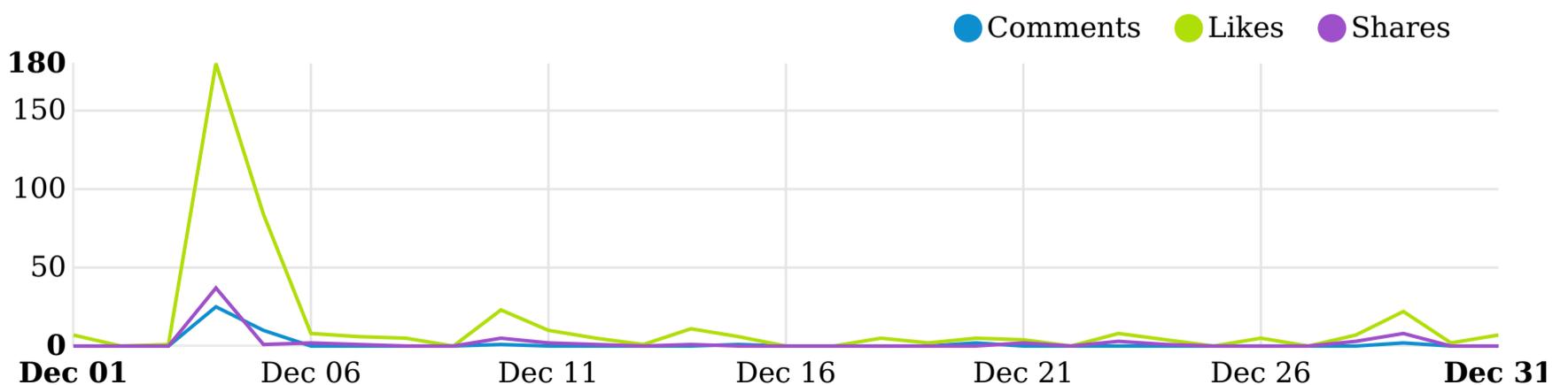
Type	Date	PostPost	Reach ¹	Engaged Users ²	Talking About This ³	Engagement Rate ⁴
	Dec 31, 2017	(Untitled)	105042	108	7	0.01%
	Dec 30, 2017	We strive to provide publicly...	101	1	2	1.98%
	Dec 29, 2017	Have you had a chance to visit...	156	3	5	3.21%
	Dec 29, 2017	Did you know that more than 3...	124	4	4	3.23%
	Dec 29, 2017	The goal of our Water Awareness...	504	20	20	3.97%
	Dec 28, 2017	We are committed to keeping...	113	2	2	1.77%
	Dec 28, 2017	Did you know that approximately...	308	16	7	2.27%
	Dec 27, 2017	Introducing our new 'Water...	78	2	0	0
	Dec 27, 2017	We have been teaching Orange...	94	1	0	0
	Dec 26, 2017	MWDOC's official and much loved...	109	3	4	3.67%
	Dec 26, 2017	From our water family to yours...	103	2	1	0.97%
	Dec 24, 2017	As part of our multi-faceted...	179	15	5	2.79%
	Dec 23, 2017	Protecting our state's water...	248	7	6	2.42%
	Dec 23, 2017	Did you know that MWDOC produces...	128	2	4	3.13%
	Dec 22, 2017	We aim to provide publicly...	103	2	0	0
	Dec 22, 2017	In case you missed it!...	59	1	0	0
	Dec 21, 2017	TODAY! We are excited to...	136	9	5	3.68%
	Dec 21, 2017	PRESS RELEASE -	114	9	1	0.88%

	MWDOC BOARD OF...				
Dec 20, 2017	It's never too early to get...	101	5	2	1.98%
Dec 20, 2017	Ricki Raindrop is right! This...	145	4	5	3.45%
Dec 19, 2017	Did you know that Northern...	134	1	2	1.49%
Dec 18, 2017	For most of us in Orange County,...	66	1	2	3.03%
Dec 18, 2017	Own an Orange County business?...	127	3	3	2.36%
Dec 15, 2017	TEACHERS! Project WET Foundation...	64	5	2	3.13%
Dec 15, 2017	Officials for California...	125	1	5	4%
Dec 14, 2017	We were one of the first water...	57	0	3	5.26%
Dec 14, 2017	Your questions, Answered....	228	16	6	2.63%
Dec 14, 2017	IN CASE YOU MISSED IT! The...	97	2	3	3.09%
Dec 13, 2017	Stay up to date on the...	111	10	1	0.9%
Dec 12, 2017	The new Delta water conveyance...	128	7	5	3.91%
Dec 11, 2017	Modernizing and improving...	80	5	7	8.75%
Dec 11, 2017	Take control of your sprinkler...	127	2	4	3.15%
Dec 10, 2017	With more than 300 days of...	468	31	26	5.56%
Dec 8, 2017	Did you know that the...	115	3	4	3.48%
Dec 8, 2017	Our friend Ricki Raindrop ran...	101	3	1	0.99%
Dec 7, 2017	Our buddy Ricki Raindrop is on...	81	0	0	0

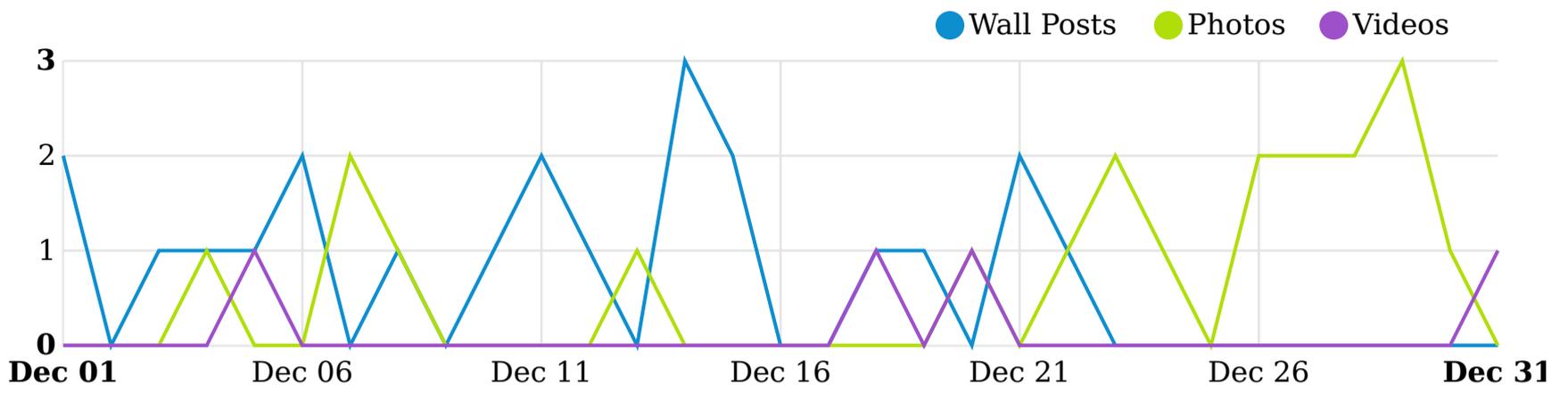
Dec 7, 2017	Celebrating Student Artists...	143	17	6	4.2%
Dec 6, 2017	The #CAWaterFix is an...	73	0	2	2.74%
Dec 6, 2017	Our mission has ALWAYS been to...	124	2	6	4.84%
Dec 5, 2017	Do you own your own business?...	134	0	3	2.24%
Dec 5, 2017	Looks like CA's snow pack is off...	40729	481	90	0.22%
Dec 4, 2017	We believe it's important to...	172	6	8	4.65%
Dec 4, 2017	Early Norcal rains and snowpack...	101792	1278	215	0.21%
Dec 3, 2017	Rotating nozzles can help you...	68	1	1	1.47%
Dec 1, 2017	Check out the new issue of...	74	3	1	1.35%
Dec 1, 2017	It has been clear to water...	127	8	6	4.72%

1. The number of unique people who have seen your post. Click on the number to see more details. Figures are for the first 28 days after a post's publication only. Click on "Reach" to sort your posts.
2. The number of unique people who have clicked on your post. Click on the number to see more details. Figures are for the first 28 days after a post's publication only. Click on "Engaged Users" to sort your posts.
3. The number of unique people who have created a story from your Page post. Stories are created when someone likes, comments on or shares your post; answers a question you posted; or responds to your event. Click on the number to see more details. Figures are for the first 28 days after a post's publication only. Click on "Talking About This" to sort your posts.
4. The percentage of people who have created a story from your Page post out of the total number of unique people who have seen it. Click on "Engagement Rate" to sort your posts.

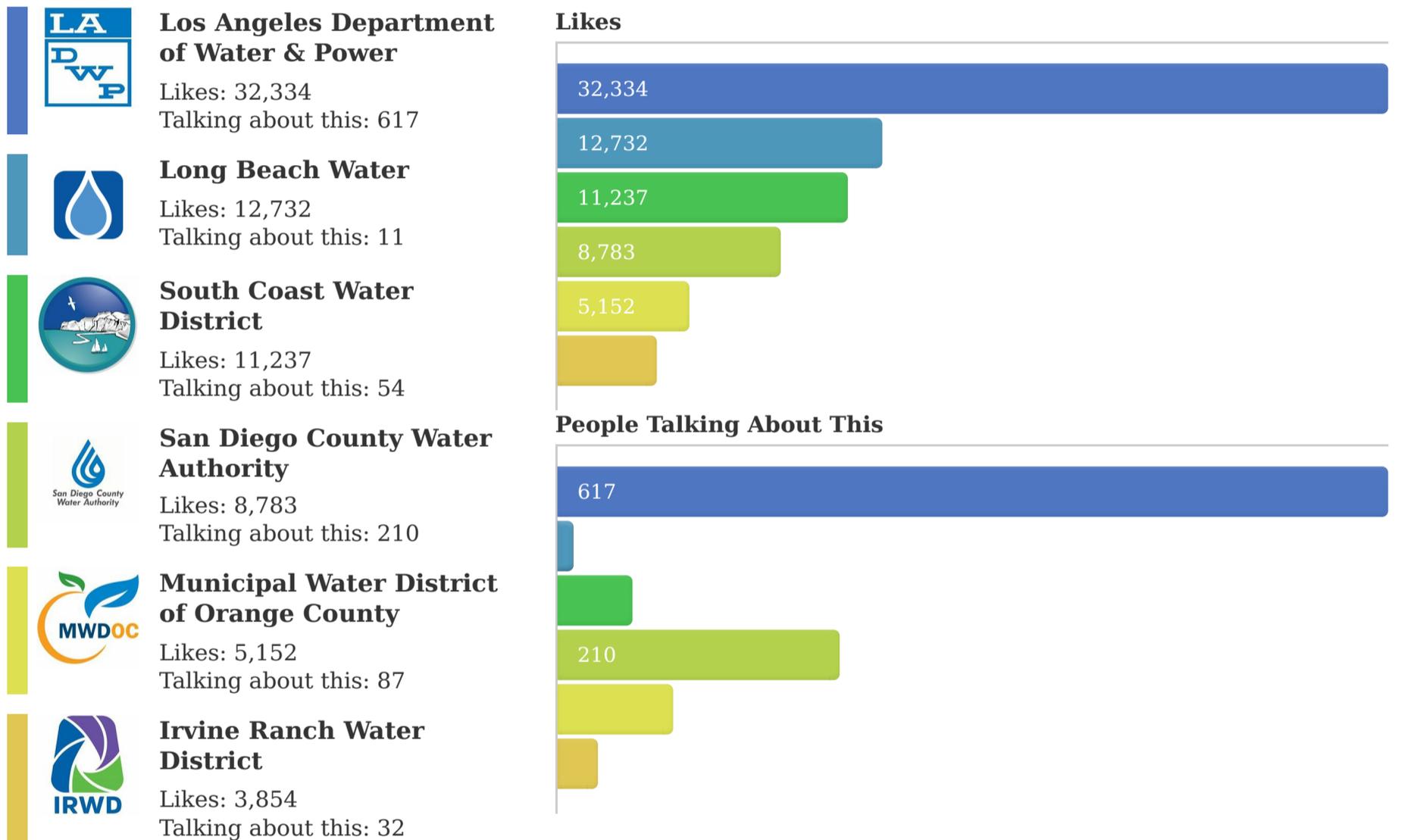
FB Insights : Daily Post Feedback



FB Insights : Daily Page Activity



FB Insights : Compare Public Pages



Data for this module is not affected by the date range

Facebook Analytics Overview

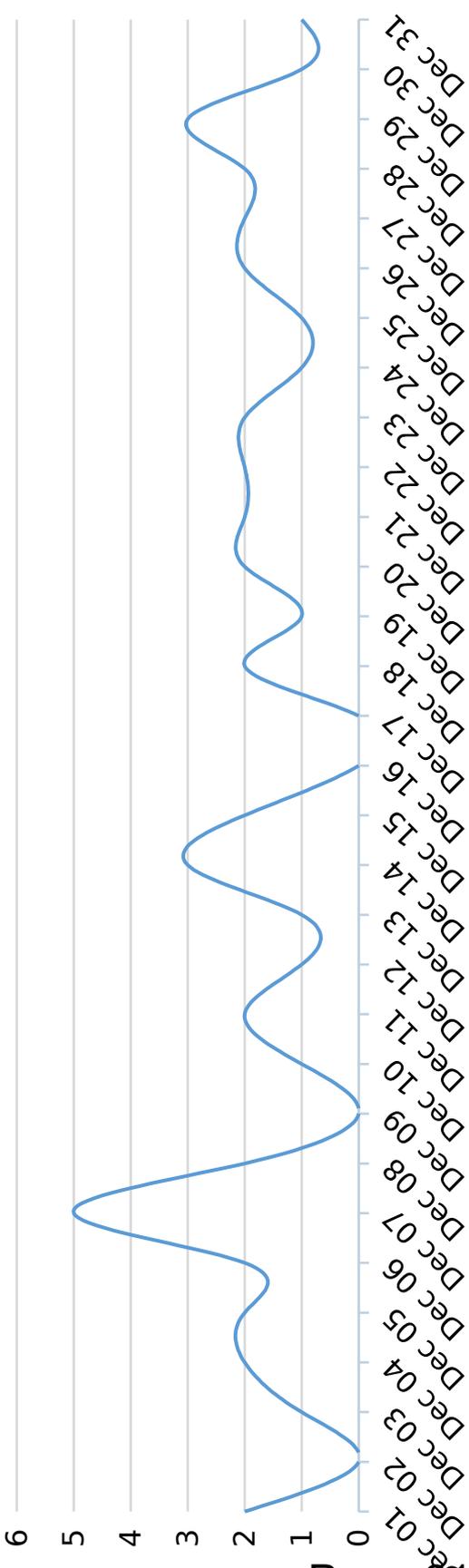
Dec 01 - Dec 31, 17

Social Networks

 Municipal Water District of Orange
County

Page 60 of 92

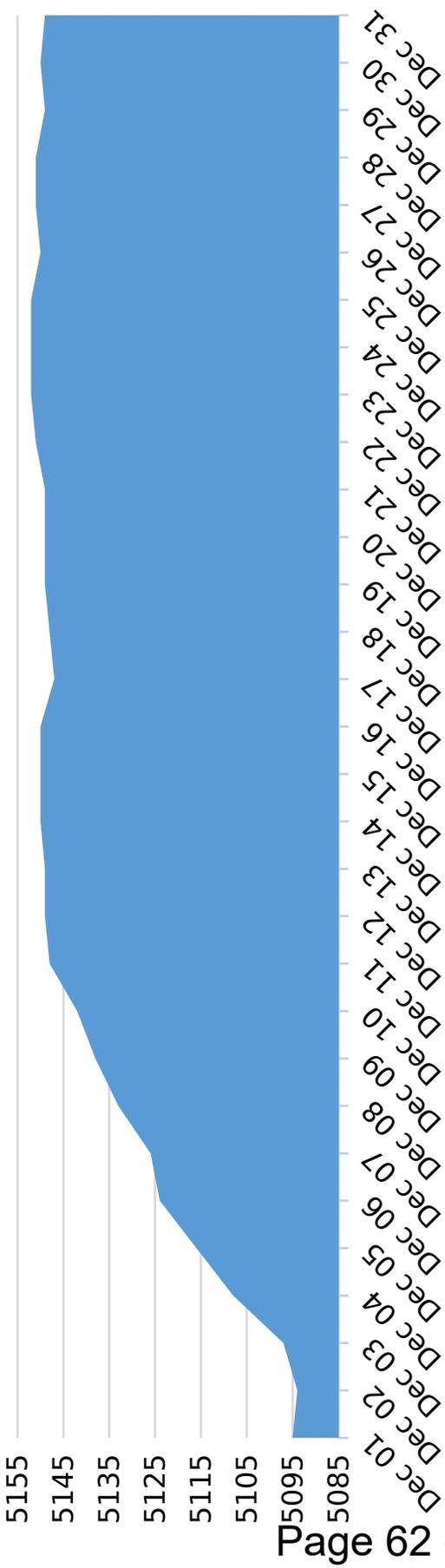
Posts



The total number of posts that have been published on your Pages



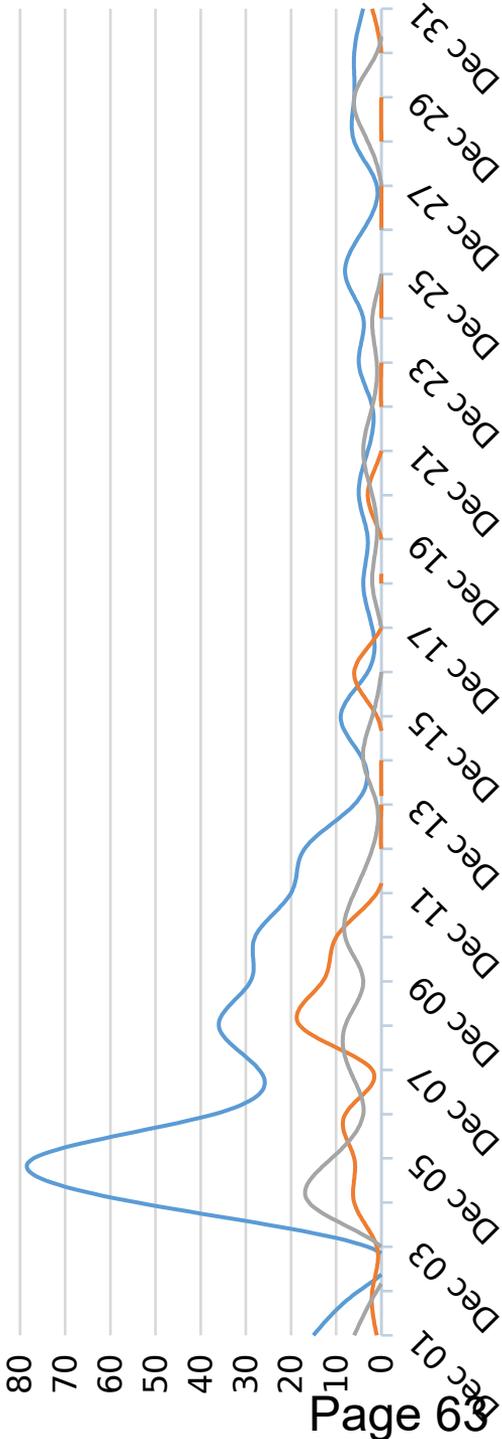
Fans



The total number of fans (people who liked the Page) for your Pages



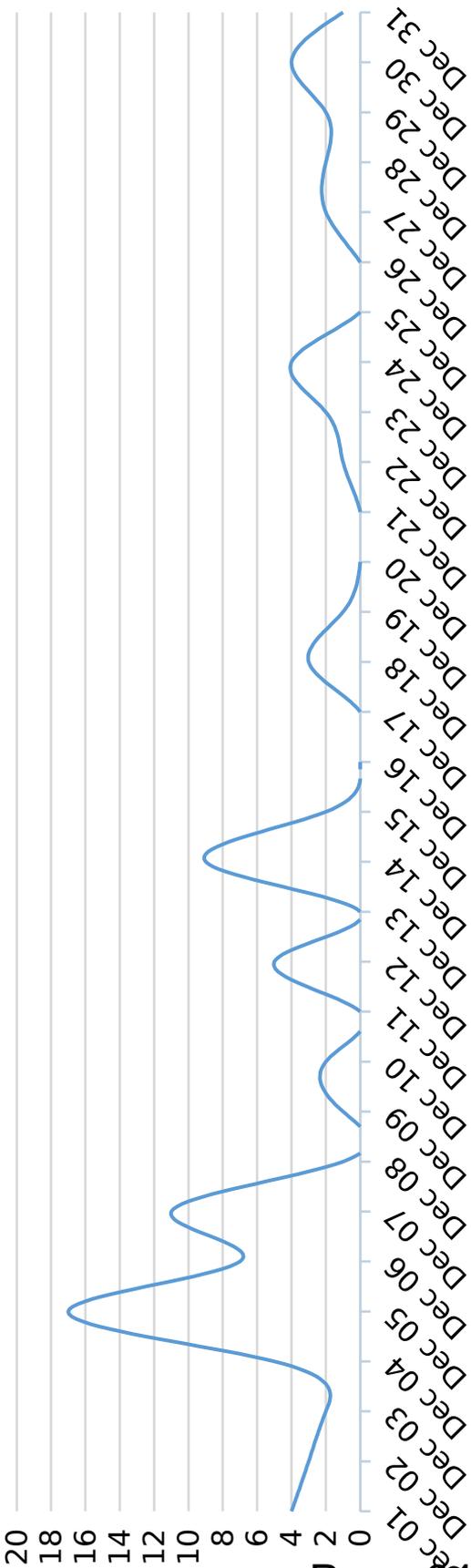
Engagement by Type



The number of interactions received for content associated with your Pages, broken down by reactions, comments and shares



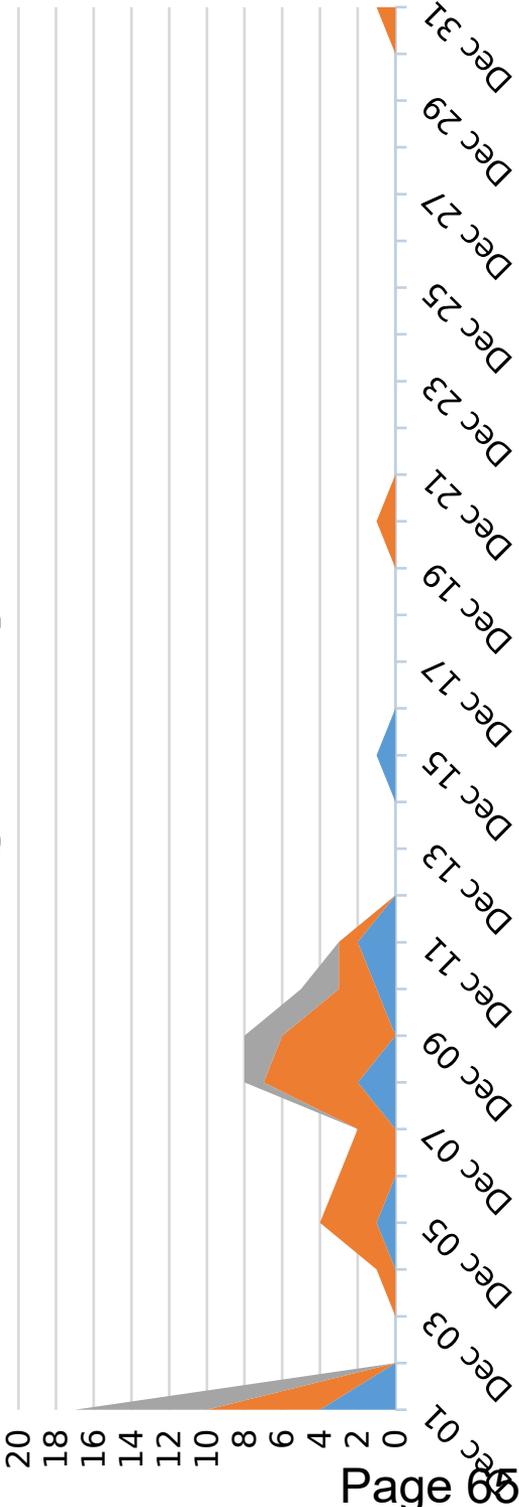
Traffic



Total clicks on all the Ow.ly links you've posted



Inbound Messages by Sentiment

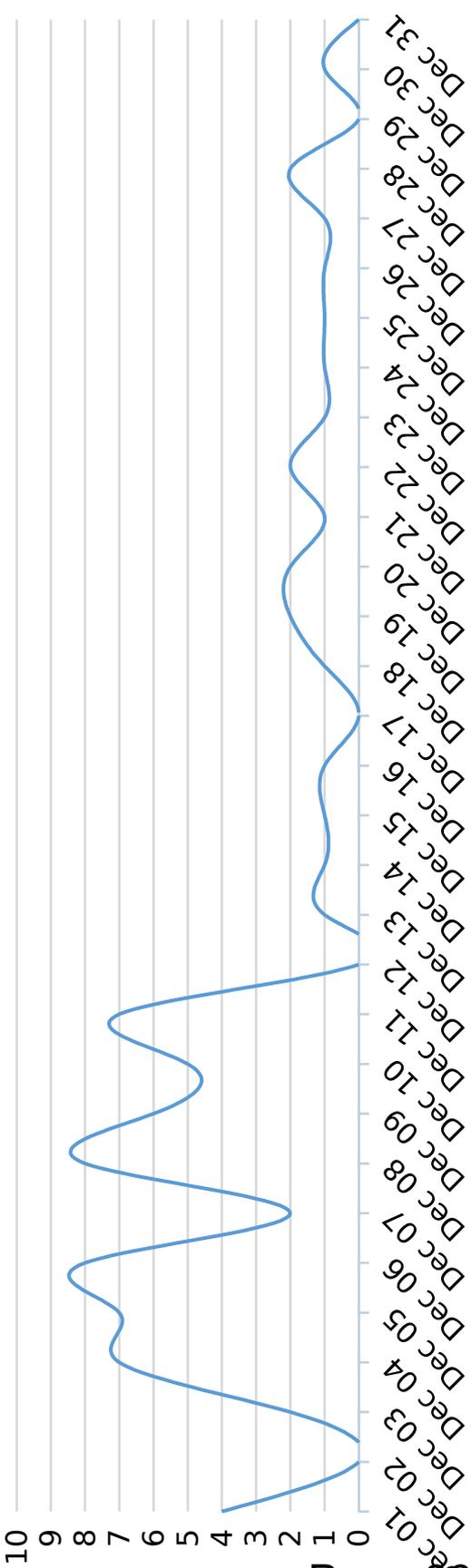


- Negative
- Neutral
- Positive

The breakdown by sentiment of the inbound messages (comments, posts by others and PMs) received by your Pages



New Fans



The total number of new fans for your Pages





mwdoc
 Municipal Water District of OC
 A wholesale water supplier and resource planning agency that serves Orange County through 28 retail water agencies. <http://www.mwdoc.com/>

39 TOTAL POSTS | **257** FOLLOWERS | **228** FOLLOWING

3
POSTS

- IMAGES
- ALBUMS
- VIDEOS

3
0
0

66
ACTIVITIES

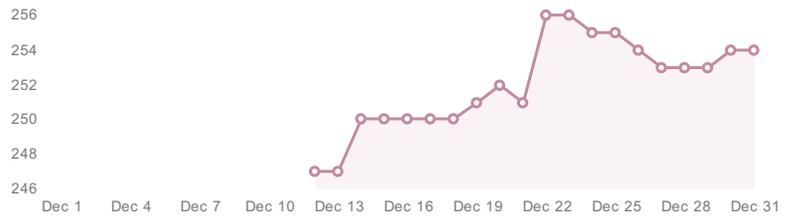
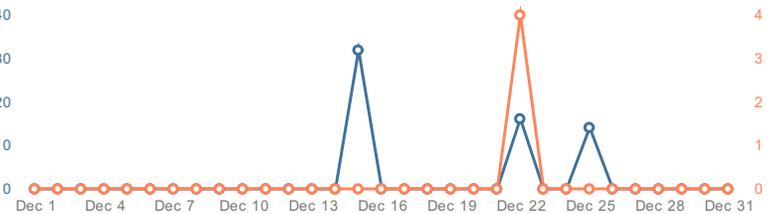
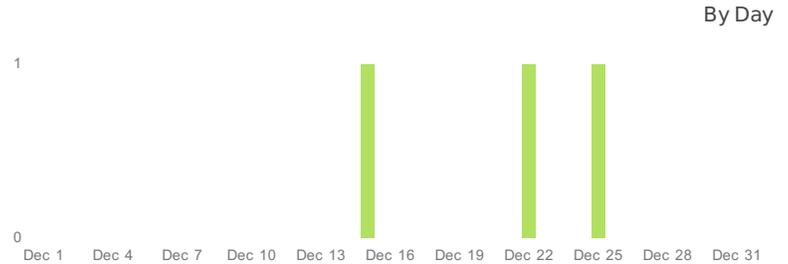
- LIKES
- COMMENTS

62
4

254
FOLLOWERS

- NET CHANGE
- AVG DAILY GROWTH

+2.8%
0.4



LIKES/POST

20.7

COMMENTS/POST

1.3

LIKES/DAY

2.0

COMMENTS/DAY

0.1

TOP POSTS

	LIKES	COMMENTS
<p>IN CASE YOU MISSED IT The "Water Is Life" Stud... Dec 15, 2017, 11:54 AM</p>	32	0
<p>We have officially launched the revamp of our w... Dec 22, 2017, 10:38 AM Municipal Water District of Orange County</p>	16	4

SENTIMENT

SENTIMENT	SHARE	CHANGE
- SENTIMENT SCORE	There is not enough data in this date range to sample. Try viewing another date range.	

TOP HASHTAGS

	POSTS	LIKES	COMMENTS
#mwdoc	2	22	2



From our water family to yours! Merry Christmas...

Dec 25, 2017, 7:49 PM

14 0

Municipal Water District of Orange County

[View posts report »](#)

GEOGRAPHY



LOCATION	POSTS
Municipal Water District of Orange County	2

[View geo report »](#)

#christmas	1	14	0
#waterislife	1	8	2
#spendslesstime	1	8	2
#accessible	1	8	2
#news	1	8	2
#water	1	8	2
#lunch	1	8	2
#website	1	8	2
#efficiency	1	8	2

[View hashtags report »](#)

TOP PARTICIPANTS



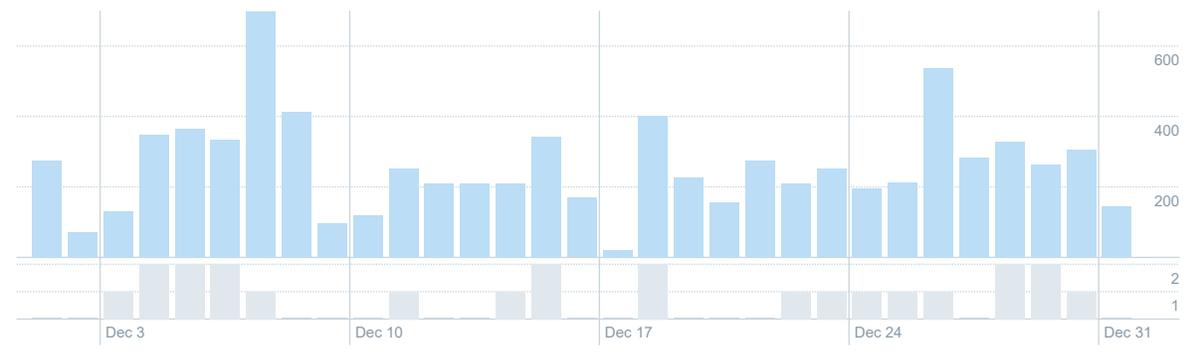
	POSTS	LIKES	COMMENTS
heatherbaez	3	3	0
insidetheoutdoors	2	2	1
nwriwater	3	3	0
marissalynn_b	3	3	0
caenvironctl	3	3	0
amwua.arizona	2	2	0
pace.water	2	2	0
lbcwd	2	2	0
karensframes	2	2	0
onthegooc	2	2	0

[View participants report »](#)

Tweet activity

December 2017 Export data

Your Tweets earned **8.1K impressions** over this **31 day** period



YOUR TWEETS
During this 31 day period, you earned **260 impressions** per day.

Tweets	Top Tweets	Tweets and replies	Promoted	Impressions	Engagements	Engagement rate
--------	------------	--------------------	----------	-------------	-------------	-----------------

 (https://twitter.com/MWDOC)				133	6	4.5%
<p>MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 30 (https://twitter.com/MWDOC/status/947175827468414977) We strive to provide publicly accessible, factual information to allow good and just governance, and to assist our stakeholders and members of the public in understanding how the District operates. #Transparency (https://twitter.com/hashtag/Transparency?src=hash) #MWDOC (https://twitter.com/hashtag/MWDOC?src=hash) Discover More: ow.ly/rpU730hv7TO (https://t.co/eG0n096WbN) pic.twitter.com/Yckyalluer (https://t.co/Yckyalluer)</p> <p>View Tweet activity</p>						

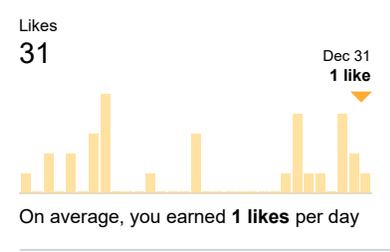
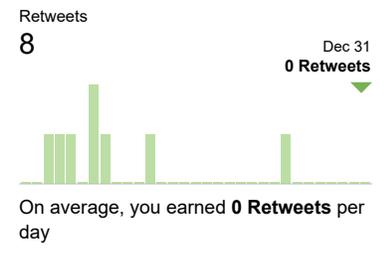
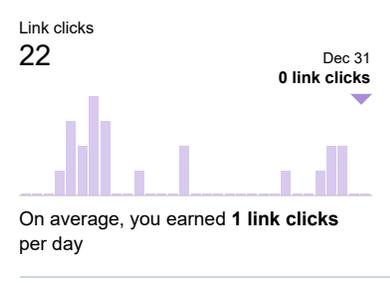
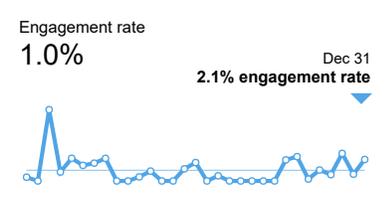
 (https://twitter.com/MWDOC)				185	3	1.6%
<p>MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 29 (https://twitter.com/MWDOC/status/946864673596624897) Did you know that more than 3 million OC students have learned about Orange County water resources under one of the most successful and well respected water-education curricula in southern California. #MWDOC (https://twitter.com/hashtag/MWDOC?src=hash) #WaterEducation (https://twitter.com/hashtag/WaterEducation?src=hash) Learn More: ow.ly/XVdU30hucOe (https://t.co/DgAZAxGm7r) pic.twitter.com/mVqCXBfMux (https://t.co/mVqCXBfMux)</p> <p>View Tweet activity</p>						

 (https://twitter.com/MWDOC)				143	7	4.9%
<p>MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 29 (https://twitter.com/MWDOC/status/946825685087195137) Have you had a chance to visit our newly resigned website? It has been optimized to make it easier for YOU to find the information you're looking for! #DesignedForYou (https://twitter.com/hashtag/DesignedForYou?src=hash) #MWDOC (https://twitter.com/hashtag/MWDOC?src=hash) Visit: MWDOC.com (https://t.co/UbRwIYDqOI) pic.twitter.com/SRntiUR4tp (https://t.co/SRntiUR4tp)</p> <p>View Tweet activity</p>						

 (https://twitter.com/MWDOC)				185	4	2.2%
---	--	--	--	-----	---	------

Engagements

Showing 31 days with daily frequency



MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 28
(https://twitter.com/MWDOC/status/946500093779247106)

We are committed to keeping Orange County engaged, involved and up-to-date on current water issues, water-saving opportunities, pending policy matters and special events. Don't miss another update, sign up for our mailing list! #WaterIsLife (https://twitter.com/hashtag/WaterIsLife?src=hash) || Sign up: ow.ly/3syK30htwZU (https://t.co/xPgspZ1hLZ) pic.twitter.com/tCCEa9x16m (https://t.co/tCCEa9x16m)

[View Tweet activity](#)

 (https://twitter.com/MWDOC) 170 3 1.8%

MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 28
(https://twitter.com/MWDOC/status/946432241156190213)

Did you know that approximately 50 percent of all the water used throughout Orange County comes from imported supplies? ..It's YOUR water...Time to learn about where it comes from! #YourWater (https://twitter.com/hashtag/YourWater?src=hash) || Learn More: ow.ly/fWOz30htdBS (https://t.co/Vk4SbeYFcS) pic.twitter.com/ijLeRMgh9l (https://t.co/ijLeRMgh9l)

[View Tweet activity](#)

 (https://twitter.com/MWDOC) 237 3 1.3%

MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 26
(https://twitter.com/MWDOC/status/945495383211479040)

From our water family to yours ... MERRY CHRISTMAS! pic.twitter.com/BACfOnfOFP (https://t.co/BACfOnfOFP)

[View Tweet activity](#)

 (https://twitter.com/MWDOC) 300 3 1.0%

MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 24
(https://twitter.com/MWDOC/status/945017150284161024)

As part of our multi-faceted public education effort, we sponsor the Orange County Boy Scout Council Soil & Water Conservation Merit Badge and the Orange County Girl Scouts' Ambassador-level Water Badge.

#WaterEducation

(https://twitter.com/hashtag/WaterEducation?src=hash)

#KnowledgelsPower

(https://twitter.com/hashtag/KnowledgelsPower?src=hash)

|| Learn More: ow.ly/1emg30hpYU1

(https://t.co/nNSjCBys4M) pic.twitter.com/nFPzIGVj1o

(https://t.co/nFPzIGVj1o)

[View Tweet activity](#)

 (https://twitter.com/MWDOC) 704 6 0.9%

MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 23
(https://twitter.com/MWDOC/status/944624916674023427)

Protecting our state's water supplies is a priority. It's time to move

forward with the California WaterFix! ..But what can you do? We have your answer! || Read More:

ow.ly/NVre30hpfTH (https://t.co/KbECukwsu8)

pic.twitter.com/Aau4UnW6D7 (https://t.co/Aau4UnW6D7)

[View Tweet activity](#)

 (https://twitter.com/MWDOC) 177 0 0.0%

MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 22
(https://twitter.com/MWDOC/status/944277631012360194)

We aim to provide publicly accessible, factual information to allow good and just governance, and to assist our stakeholders and members of the public in understanding how the District operates. #Transparency

(https://twitter.com/hashtag/Transparency?src=hash)

#MWDOC (https://twitter.com/hashtag/MWDOC?src=hash)

Learn More: ow.ly/z7ct30hoMAP (https://t.co/ucPdHWrf5K)

pic.twitter.com/t7hX975QQc (https://t.co/t7hX975QQc)

 <p>(https://twitter.com/MWDOC)</p> <p>MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 18 (https://twitter.com/MWDOC/status/942895827600715776) Own an Orange County business? You too can earn rebates with the inclusion of several simple, indoor and outdoor water-saving devices! #SaveWater (https://twitter.com/hashtag/SaveWater?src=hash) #SaveMoney (https://twitter.com/hashtag/SaveMoney?src=hash) Learn More: ow.ly/XCkZ30hjcal (https://t.co/yTITD0x9IG)</p> <p>View Tweet activity</p>	238	0	0.0%
 <p>(https://twitter.com/MWDOC)</p> <p>MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 18 (https://twitter.com/MWDOC/status/9427995265987779) For most of us in Orange County, our water travels hundreds of miles to reach us! The threat of drought, earthquake and other disasters makes the #CAWaterFix (https://twitter.com/hashtag/CAWaterFix?src=hash) critical to our region! The time is NOW! #WaterIsLife (https://twitter.com/hashtag/WaterIsLife?src=hash) Watch: ow.ly/gsXi30hiDFC (https://t.co/6w417yVL7O)</p> <p>View Tweet activity</p>	277	2	0.7%
 <p>(https://twitter.com/MWDOC)</p> <p>MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 15 (https://twitter.com/MWDOC/status/941762169514921985) Officials for California WaterFix Industry Day announced that while not all funding is available for WaterFix presently, the first \$1 billion for four contracts was made public on December 7, 2017! #WaterIsLife (https://twitter.com/hashtag/WaterIsLife?src=hash) #CAWaterFix (https://twitter.com/hashtag/CAWaterFix?src=hash) Read More: ow.ly/xCPv30hfYXm (https://t.co/hCi1NxN9DR)</p> <p>View Tweet activity</p>	280	3	1.1%
 <p>(https://twitter.com/MWDOC)</p> <p>MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 15 (https://twitter.com/MWDOC/status/941715175564070912) TEACHERS! Project WET Foundation designs and provides the world's best water education resources, organizes special water events, and is a major advocate for the role of water education in solving the world's most pressing water issues! Learn More: ow.ly/99v330hfF0D (https://t.co/GGyZd1b7iN)</p> <p>View Tweet activity</p>	220	3	1.4%
 <p>(https://twitter.com/MWDOC)</p> <p>MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 14 (https://twitter.com/MWDOC/status/941344584780546048) Your questions, Answered. Everything you NEED to know about the California WaterFix! #WaterIsLife (https://twitter.com/hashtag/WaterIsLife?src=hash) #CAWaterFix (https://twitter.com/hashtag/CAWaterFix?src=hash) Read (FAQ): ow.ly/j1KV30hdt25 (https://t.co/jaz3fjil4p)</p> <p>View Tweet activity</p>	222	1	0.5%
 <p>(https://twitter.com/MWDOC)</p> <p>MWDOC @MWDOC (https://twitter.com/MWDOC) · Dec 11 (https://twitter.com/MWDOC/status/940259478741676032) Take control of your sprinkler system with a 'smart' irrigation timer! Smart timers use information about your</p>	269	2	0.7%

plants, soil, and weather conditions to give your landscape the right amount of water year-round. **#SaveWater** (<https://twitter.com/hashtag/SaveWater?src=hash>) **#EarnRebates** (<https://twitter.com/hashtag/EarnRebates?src=hash>) || Rebate Info: ow.ly/pa1T30h9qoF (<https://t.co/Nuhu24xOdB>)

[View Tweet activity](#)

 (<https://twitter.com/MWDOC>) 1,223 24 2.0%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 7
(<https://twitter.com/MWDOC/status/938848964434124800>)
Celebrating Student Artists today with our friends at Metropolitan Water District of Southern Calif...! It's always great to see young students passionate about art and water! **#WaterIsLife** (<https://twitter.com/hashtag/WaterIsLife?src=hash>) **#ArtsLife** (<https://twitter.com/hashtag/ArtsLife?src=hash>)
pic.twitter.com/PANal2YfHB (<https://t.co/PANal2YfHB>)

[View Tweet activity](#)

 (<https://twitter.com/MWDOC>) 304 6 2.0%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 6
(<https://twitter.com/MWDOC/status/938462348091805696>)
The **#CAWaterFix** (<https://twitter.com/hashtag/CAWaterFix?src=hash>) is an investment...an investment for our future! Metropolitan Water District of Southern Calif... has put together the top 5 reasons we NEED to invest in the California WaterFix **#WaterIsLife** (<https://twitter.com/hashtag/WaterIsLife?src=hash>) **#InvestInOurFuture** (<https://twitter.com/hashtag/InvestInOurFuture?src=hash>) || PDF: ow.ly/ssJ130h3wbO (<https://t.co/MpjaimPuRs>)

[View Tweet activity](#)

 (<https://twitter.com/MWDOC>) 287 3 1.0%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 6
(<https://twitter.com/MWDOC/status/938196979632439296>)
Our mission has ALWAYS been to provide reliable, high-quality supplies from Metropolitan Water District of Southern Calif... and other sources to meet present and future needs at an equitable and economical cost! **#WaterIsLife** (<https://twitter.com/hashtag/WaterIsLife?src=hash>) **#ValueWater** (<https://twitter.com/hashtag/ValueWater?src=hash>) || Learn More: ow.ly/xgN630h2vSZ (<https://t.co/3lhUb1V92n>)

[View Tweet activity](#)

 (<https://twitter.com/MWDOC>) 229 1 0.4%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 5
(<https://twitter.com/MWDOC/status/938098378096939008>)
Do you own your own business? Maybe a local restaurant? If so, the **#CAWaterFix** (<https://twitter.com/hashtag/CAWaterFix?src=hash>) can really benefit your business! Here are five benefits to Southland businesses should the project move forward. **#WeNeedWaterFix** (<https://twitter.com/hashtag/WeNeedWaterFix?src=hash>) || PDF: ow.ly/dHSb30h20et (<https://t.co/uAN2h5OGrP>)

[View Tweet activity](#)

 (<https://twitter.com/MWDOC>) 178 1 0.6%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 5
(<https://twitter.com/MWDOC/status/938060751855673344>)
Looks like CA's snow pack is off to a good start! **#LetItSnow** (<https://twitter.com/hashtag/LetItSnow?src=hash>) **#WaterIsLife** (<https://twitter.com/hashtag/WaterIsLife?src=hash>) || More: ow.ly/cHg030h0a6n (<https://t.co/CU2gb0V877>)

[View Tweet activity](#)


<https://twitter.com/MWDOC>
406 6 1.5%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 4
<https://twitter.com/MWDOC/status/937770427543416833>
 We believe it's important to share State-wide news, because we're looking at the bigger picture! What happens in CA can directly affect us in Orange County! Here's 5 benefits the **#CAWaterFix** (<https://twitter.com/hashtag/CAWaterFix?src=hash>) will have on us in the OC **#California** (<https://twitter.com/hashtag/California?src=hash>) **#WaterIsLife** (<https://twitter.com/hashtag/WaterIsLife?src=hash>) || PDF: ow.ly/tldX30h0pLy (<https://t.co/i8uLQ8DmrN>)
[View Tweet activity](#)


<https://twitter.com/MWDOC>
312 3 1.0%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 4
<https://twitter.com/MWDOC/status/937690557136232449>
 Early Norcal rains and snowpack are keeping CA Reservoirs looking pretty good! Keep up the conservation effort everyone! | **#WaterIsLife** (<https://twitter.com/hashtag/WaterIsLife?src=hash>) 
pic.twitter.com/nL8o63pLvC (<https://t.co/nL8o63pLvC>)
[View Tweet activity](#)


<https://twitter.com/MWDOC>
238 3 1.3%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 3
<https://twitter.com/MWDOC/status/937122696953024512>
 Rotating nozzles can help you reduce harmful water runoff that flows off your landscape and eventually enters the ocean. Replacing your nozzles can help save you some money this holiday season! **#SaveWater** (<https://twitter.com/hashtag/SaveWater?src=hash>) **#SaveMoney** (<https://twitter.com/hashtag/SaveMoney?src=hash>) || Rebates: ow.ly/C5Zy30gYnmQ (<https://t.co/2To5FxRDDh>)
[View Tweet activity](#)


<https://twitter.com/MWDOC>
197 1 0.5%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 1
<https://twitter.com/MWDOC/status/936667487734849536>
 Check out the new issue of MWDOC's eCurrents, your monthly Orange County water newsletter! Stay up to date on the latest water news, as well as some of the great things happening right here in the OC! **#WaterIsLife** (<https://twitter.com/hashtag/WaterIsLife?src=hash>) **#MWDOC** (<https://twitter.com/hashtag/MWDOC?src=hash>) || Link: ow.ly/OjJg30gX8FG (<https://t.co/yUveDG7zdL>)
[View Tweet activity](#)


<https://twitter.com/MWDOC>
214 3 1.4%

MWDOC @MWDOC (<https://twitter.com/MWDOC>) · Dec 1
<https://twitter.com/MWDOC/status/936633592112930816>
 It has been clear to water experts and biologists over the past decade that the status quo in the Delta is UNACCEPTABLE. The water infrastructure in the Delta is OUTDATED and operations can be HARMFUL to fish. **#WeNeedAFix** (<https://twitter.com/hashtag/WeNeedAFix?src=hash>) **#CAWaterFix** (<https://twitter.com/hashtag/CAWaterFix?src=hash>) || PDF: ow.ly/yvGD30gR9kv (<https://t.co/DQcmXDIRCF>)
[View Tweet activity](#)

You've reached the end of Tweets for the selected date range. Change date selection to view more.





Audience insights

MWDOC @MWDOC

(https://twitter.com/MWDOC)

All Twitter users ▾
Country: United States
Persona: All Twitter
[Add more filters](#)

+Add comparison audience ()

OVERVIEW Top interest Comedy (Movies and television)	DEMOGRAPHICS Top language English	LIFESTYLE Top lifestyle type Online buyers	CONSUMER BEHAVIOR Top buying style Quick & easy	MOBILE FOOTPRINT Top wireless carrier AT&T
--	---	--	---	--

Credit card holders

Credit card type	% of audience
Regular credit cards	69%
Premium credit cards	60%
Regular Visa or MasterCard	58%
Premium Visa or MasterCard	54%
Discover	28%
American Express	25%

Values based on 8.6% match rate from Twitter partners

Aftermarket auto buyer types

Buyer category	% of audience
Auto parts buyer	52%
Auto service buyer	45%
Vehicle purchase: 48+ months ago	24%
Vehicle purchase: 0-6 months ago	20%
Vehicle purchase: 13-24 months ago	16%
Vehicle purchase: 7-12 months ago	12%
Vehicle purchase: 25-36 months ago	10%
Vehicle purchase: 37-48 months ago	5%

Values based on 34.2% match rate from Twitter partners

Consumer buying styles

Consumer style name	% of audience
Quick & easy	76%
Premium brands	75%
Home cooking & grilling	70%
Fresh & healthy	69%
Ethnic explorers	59%
Value conscious	25%
Weight conscious	24%
Natural living	15%
Mexican foods	14%
Vegetarian	11%

Values based on 28.8% match rate from Twitter partners

Consumer goods purchases

Consumer category	% of audience
Salty snacks	59%
Milk	59%
Cheese	57%
Eggs	55%
Fresh produce	55%
Crackers	54%
Chocolate candy	53%
Meat	52%
Cookies	51%
Yogurt	51%

Values based on 41.4% match rate from Twitter partners

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Audience insights

MWDOC @MWDOC

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[Add more filters](#)

+Add comparison audience ()

OVERVIEW Top interest Comedy (Movies and television)	DEMOGRAPHICS Top language English	LIFESTYLE Top lifestyle type Online buyers	CONSUMER BEHAVIOR Top buying style Quick & easy	MOBILE FOOTPRINT Top wireless carrier AT&T
--	---	--	---	--

Household income categories

Income category	% of audience
\$75,000 - \$99,999	16%
\$100,000 - \$124,999	13%
\$60,000 - \$74,999	11%
\$150,000 - \$199,999	10%
\$125,000 - \$149,999	9%

Values based on 43.9% match rate from Twitter partners

Net worth

Net worth category	% of audience
\$100,000 - \$1,000,000	30%
\$1,000,000 - \$1,999,999	19%
\$1 - \$100,000	15%
\$2,000,000 +	13%
\$2,500 to \$24,999	5%
\$250,000 to \$374,999	3%
\$50,000 to \$74,999	3%

Values based on 9.9% match rate from Twitter partners

Home ownership

Home owner	Home renter
73%	27%

Age

Age category	% of audience
13 to 17	10%
18 to 24	52%
25 to 34	22%
35 to 44	8%
45 to 54	5%
55 to 64	2%
over 65	1%

Education (highest level completed)

Completed high school	Completed college	Completed graduate school
56%	32%	12%

Occupation

Occupation type	% of audience
Professional/technical	32%
Homemaker	27%
Self-employed	20%
Health services	18%
White collar worker	16%
Management	15%
Retired	12%
Tradesman/laborer	12%
Sales/marketing	9%
Student	6%

Values based on 18.4% match rate from Twitter partners

Home value

Home value category	% of audience
---------------------	---------------

\$99,999 and under	14%
\$100,000 - \$199,000	34%
\$200,000 - \$299,000	22%
\$300,000 - \$499,000	19%
\$500,000 and higher	12%

Values based on 36.0% match rate from Twitter partners

Marital status

Marital status	% of audience
Married	53%
Single	47%

Values based on 18.2% match rate from Twitter partners

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Audience insights

MWDOC @MWDOC

(https://twitter.com/MWDOC)

▾

+Add comparison audience ()

OVERVIEW Top interest Comedy (Movies and television)	DEMOGRAPHICS Top language English	LIFESTYLE Top lifestyle type Online buyers	CONSUMER BEHAVIOR Top buying style Quick & easy	MOBILE FOOTPRINT Top wireless carrier AT&T
--	---	--	---	--

Interests

Interest name	% of audience
Comedy (Movies and television)	69%
Music	66%
Comedy (Hobbies and interests)	51%
Pop	44%
Movie news and general info	44%
Business and news	43%
Music news and general info	41%
Politics and current events	40%
Hip hop and rap	34%
Action and adventure	33%

TV Genres

Genre name	% of audi
Sports	71%
Drama	62%
Comedy	47%
Movies	43%
Children & Family	42%
Reality	38%
Sci-fi	37%
Talk	35%
Sports Talk	22%
Game Show	19%

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All Twitter users
Country: United States
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Add more filters

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Wireless carrier

Carrier name	% of audience
AT&T	39%
Verizon	33%
T-Mobile	26%
Sprint	20%
T-Mobile UK	2%
O2 (UK)	2%
U.S. Cellular	2%
Rogers Wireless	2%
Boost	2%
Telcel	2%

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Value conscious	25%
Weight conscious	24%
Natural living	15%
Mexican foods	14%
Vegetarian	11%

Values based on 28.8% match rate from Twitter partners

Wireless carrier

Carrier name	% of audience
AT&T	39%
Verizon	33%
T-Mobile	26%
Sprint	20%
T-Mobile UK	2%
O2 (UK)	2%
U.S. Cellular	2%
Rogers Wireless	2%
Boost	2%
Telcel	2%

Home owner	Home renter
73%	27%

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INFORMATION ITEM

January 15, 2018

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

FROM: Robert Hunter, General Manager Staff Contact: Tiffany Baca

SUBJECT: Education Program 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) education programs continue to book classes for the current school year. Both Discovery Science Center (DSC) and Inside the Outdoors (ITO) are confident they will reach their contracted student totals this year.

The following reports are included here: Elementary School Assemblies for December 2017, Elementary Education Student Counts Chart, and the “What About Water” High School Program report.

As discussed at the December PAL Committee meeting, to ensure notification has been made to MWDOC Directors and MWDOC Member Agencies, all upcoming school visits have been placed on the News & Events calendar located on the District website here: <https://www.mwdoc.com/news-and-events/>. If a MWDOC Director or MWDOC Member Agency representative would like to attend a particular school visit, staff will be happy to provide additional details and notify the education program contractors. MWDOC Member Agency staff have also been notified of this new process.

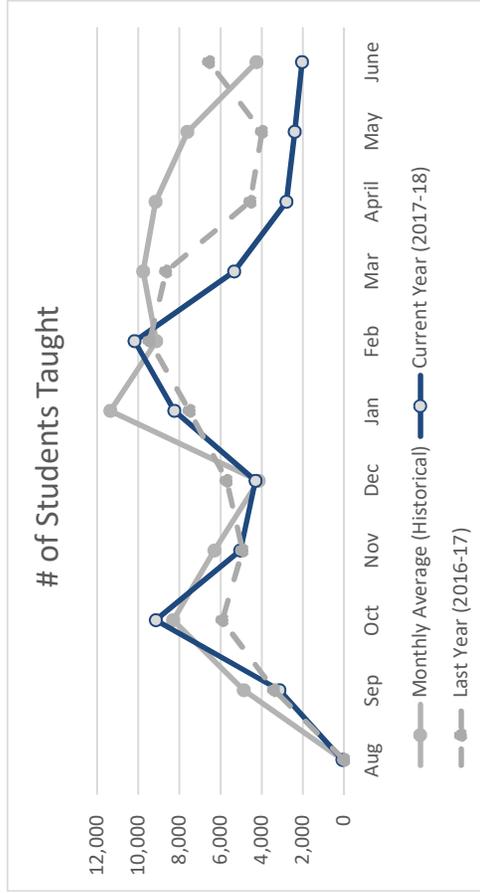
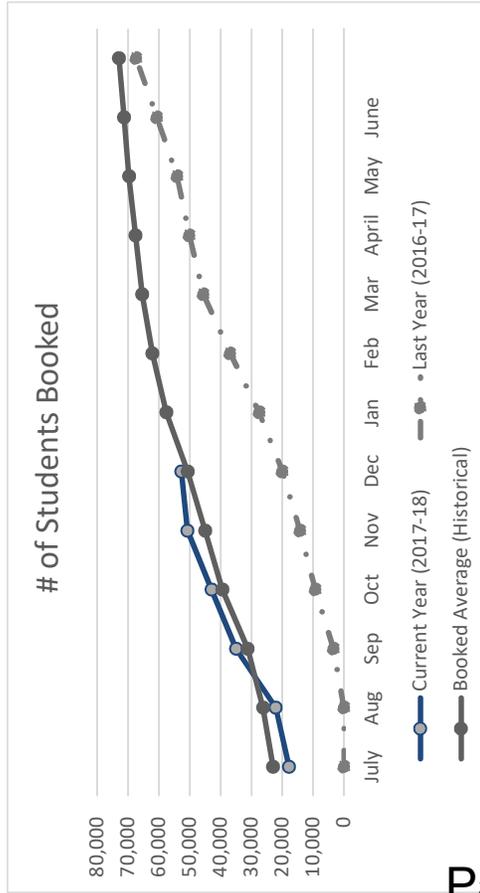
In addition, On January 13, ITO hosted a volunteer day and estuary clean-up at the Upper Newport Bay Muth Interpretive Center. Several high school groups from the What About Water Program signed up to participate. Educational activities for volunteers were offered, including a trash analysis. Photos from the event and results will be shared next month.

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

2017-18 Water Education School Program

# of Students Booked	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	Target
Booked Average (Historical)	22,936	26,212	31,188	39,425	45,000	50,647	57,577	62,058	65,364	67,548	69,643	71,249	72954
Last Year (2016-17)	0	0	3,399	9,309	14,235	19,936	27,441	36,886	45,530	50,083	54,067	60,623	67,361
Current Year (2017-18)	17,823	22,162	34,981	42,926	50,696	52,682							62,035

# of Students Taught	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	Total
Monthly Average (Historical)	-	63	4,876	8,301	6,301	4,146	11,354	9,126	9,758	9,158	7,606	4,257	74,891
Last Year (2016-17)	0	0	3,399	5,910	4,926	5,701	7,505	9,445	8,644	4,553	3,984	6,556	60,623
Current Year (2017-18)	0	77	3,144	9,149	5,033	4,305	8,243	10,171	5,342	2,798	2,389	2,031	52,682



WHAT ABOUT WATER?

Monthly Report
Presented by



January 2018

What About Water? - Inside the Outdoors School Visits
Year 3 - 2017/2018

Agency	High School	1st Visit - student	1st Visit Enrollment	2nd Visit - student	2nd Visit Enrollment	School Expo	Expo School Enrollment	Total Students	Notes
Anaheim	Anaheim High School	10/23/17	71	11/17/17	72	1/9/18			Expo- Lunchtime
City of Brea	Brea Olinda High School	5/22/18		5/29/18		6/5/18			Expo- Lunchtime
City of Buena Park	Buena Park High School								
City of Fountain Valley	Fountain Valley High School								FVHS, Los Amigos, then Harbor
City of Huntington Beach	Edison High School	11/27/17	52	1/10/18		tbd			
City of San Clemente	San Clemente High School	4/30/18		5/7/18		tbd			Expo- Lunchtime
City of San Juan Capistrano	Junipero Serra High School or San Juan Hills High School								
City of Tustin	Tustin High School or Columbus Middle School								
East Orange WD	Foothill High School	12/14/17		2/1/18		tbd			Expo- Lunchtime
El Toro	El Toro High School	3/7/18		3/22/18		4/11/18			Expo-Evening Family Event
Mesa Water	Costa Mesa High School	10/16/17	29	1/11/2018*		4/12/2018*			*Updated dates Expo- Lunchtime
Moulton Niguel	Aliso Niguel High School								
Moulton Niguel	Laguna Hills High School	2/6/18		2/20/18		tbd			Expo-Project Presentation
Moulton Niguel	Capistrano Valley High School								
Moulton Niguel /Santa Margarita WD	Mission Viejo High School	2/9/18		2/21/18		3/9/18			Expo-Project Presentation
Santa Ana	Santa Ana High School	11/3/17	47	12/13/17		2/7/18			Expo- Lunchtime
Santa Margarita WD	Tesoro High School	4/19/18		5/3/18		5/14/18			Expo- Lunchtime
South Coast WD	Dana Hills High School	2/5/18		2/26/18		tbd			Expo- Lunchtime
Total			199		72		0	0	
Teacher Workshops									
Student Summits									

tbd = verbal confirmation, pending calendar dates

caroline

I save water by ...

When I am
brushing my
teeth I will
turn off the
water

www.insidetheoutdoors.org

Sophia

I save water by ...

taking
short showers.

www.insidetheoutdoors.org

I save water by ...

Turning
off
the water
in the
shower
while
shampooing
my hair.

www.insidetheoutdoors.org

I save water by ...

By fixing
leaky
faucets

www.insidetheoutdoors.org

I save water by ...

Recycle water

www.insidetheoutdoors.org

I save water by ...

taking under
5 minute
showers & monitor-
ing of how
long I let the
water run.

www.insidetheoutdoors.org

DECEMBER 2017 METRICS REPORT - Water Campaign

Water Campaign

- Goal: Promote discussion and educational activities for regional water conservation and water-use efficiency issues.

Facebook

Dec 6th -- Boosted \$20

BE THE VOICE 4 WATER Video Contest! This is a chance for Southern California high school students to make a difference by bringing awareness to water issues!

Create your 30 or 60 second video about water conservation and have a CHANCE TO WIN cash prizes, an Xbox One, and merch from Dave & Busters, Vans, Hurley, and more!

GET DETAILS

<http://indi.com/leafrocks/voice4water>

Share our video to get the word out! Can't wait to see your [#Voice4Water](#) hashtag popping up in our social media feeds.

Media = Original video from @leafrocks

Dec 13th -- Boosted \$10

BE THE VOICE 4 WATER VIDEO CONTEST: Need some inspiration for themes you could cover in your video entry? The [U.S. Forest Service](#) has a whole page of water facts. You could take any one of these bullet points and create a 30 second video story around it.

FOREST SERVICE Water Facts

<https://www.fs.fed.us/.../national-forests-grassl.../water-facts>

[#Voice4Water](#) VIDEO CONTEST INFO

<http://indi.com/leafrocks/voice4water>

Media = Multi-Photo

Dec 20th

WATER EDUCATION WEDNESDAY: Is your class participating in the [Municipal Water District of Orange County](#) Water Is Life poster contest? Open to all Orange County Students grades K-12. Entry deadline April 2018.

POSTER CONTEST PDF: <https://www.mwdoc.com/.../20.../11/2018-Poster-Contest-Flyer.pdf>

Media = Photo of contest PDF

Dec 30th (Holiday Break for ITO)

Just one last look at 2017! If you volunteered with us, worked with us, or attended one of our programs -- go ahead and leave your favorite 2017 memory in the comments!

Media = Inclusion of Water Education Wednesdays and OCWD Water Tour in slideshow movie

Instagram

Hashtag #ocwatereducation

<https://www.instagram.com/explore/tags/ocwatereducation/>

SOUTHERN CALIFORNIA HIGH SCHOOL STUDENTS: This is your chance to make a difference by bringing awareness to water issues in our BE THE VOICE 4 WATER video contest! • Create a 30 or 60 second video about water conservation and have a CHANCE TO WIN cash prizes, an Xbox One, and merch from Dave & Busters, Vans, Hurley, and more! • Deadline = March 15, 2018 Tag us at #Voice4Water #Repost to get the word out (Contest details in bio link)

Need a theme idea for your #Voice4Water video contest entry? Get inspiration from the @u.s.forestservice which "manages the largest single source of water in the U.S., with about 20 percent originating from 193 million acres of land." More water facts on their official website. Get creative! [Link to contest info in bio.] #ocwatereducation #discovertheforest @discovertheforest

As Orange County students head into Winter Break mode, remember that there are two fun opportunities to win prizes for your creativity. • @mwdoc is running a poster contest with the theme #WaterIsLife (for grades K-12, deadline April 2018) and we are holding the BE THE #VOICE4WATER video contest (for grades 9-12, deadline March 2018).

No IG over holiday break

Twitter

Water Originals

Southern California high school students! Make a difference by bringing awareness to water issues in our BE THE #VOICE4WATER video contest. Create a short video about water conservation and have a CHANCE TO WIN prizes! Details here <https://t.co/5H8uErzHqm> #ocwatereducation <https://t.co/i5AFgLvaTo>

Make a difference by bringing awareness to water issues in our BE THE #VOICE4WATER video contest open to SoCal high school students. Create a short video about water conservation and have a CHANCE TO WIN prizes! Details here <https://t.co/3NqWEVxfAF> #ocwatereducation #savewater <https://t.co/tGpqbZFPqs>

Get inspiration for your #Voice4Water video contest entry from the @forests-service which "manages the largest single source of water in the U.S., with about 20 percent originating from 193 million acres of land." More water facts <https://t.co/0ZxPRfNvKR> #ocwatereducation <https://t.co/06QlqY9SDk>

Enter @MWD0C Water Is Life poster contest by April 2018. Open to Orange County students in grades K-12. #ocwatereducation #waterislife #savewater <https://t.co/o6Esy1TKk2> <https://t.co/rkO6L315gJ>

Water RTs

RT @MWDH2O

Get ready for the [#ColoradoRiver](#) Water Users Annual Conference next week! [#CRWUA2017](#)

RT @ucanrwater

We're in scary territory when firefighters say a fire is "unstoppable," but facing this reality may also open new conversations about disasters like [#CAFires](#) & drought writes our own [@frkearns](#) [@BayNature](#) <http://bit.ly/2josa8C>

RT @suesims

Celebrating young artists whose works appear on the [@mwdh2o](#) 2018 Water Conservation calendar. [#h2](#)

 [#studentart](#) [#talented](#) - at [Union Station](#)

RT @JeffSchoolNews

4th graders went on a field to Newport Back Bay today to learn more about ecosystems [@ITOFoundation](#)

RT @TheCACoast

Happening @OceanInstitute in Dana Point. #ocwatereducation <https://twitter.com/TheCACoast/status/940647412246331393>

RT @ICWDNews

Looking for a [#Staycation](#) idea in Southern California? Explore the Santa Ana River Watershed

RT @sanctuaries (NOAA)

Land and sea connection in action: a salmon from [@olympiccoast](#) swims up a river into [@olympicnp](#) – where a bobcat awaits its meal. [#EarthsBlue](#)

RT @MavensNotebook

What steps can communities take to diversify their regional [#cawater](#) supply portfolios? There are many: More reliable water supplies for California: Building a diverse regional water supply portfolio

RT @CCUH_UC_Davis

So many ways to address water quality and storm water runoff. [#ocwatereducation](#)
https://twitter.com/CCUH_UC_Davis/status/938823717089452032

RT @MWDH2O

In the latest H2oTalk, Metropolitan General Manager Jeffrey Kightlinger talks about 2017 accomplishments, including conserving 1 million acre-feet of water, record rainfall, Lake Mead storage & a partnership with the Coachella Valley.

RT @nature_org

Hurray for wetlands! [#ocwatereducation](#) https://twitter.com/nature_org/status/944286690679705612

RT @LakeForestCA (RT our tweet about Water Contest)

Be great to see a Lake Forest student win this! [@ITOFoundation](#)

RT @newportbeachgov (RT our tweet about Water Contest)

Attn. high school students! Use your creativity to raise awareness for water conservation and a chance to win prizes from the [@ITOFoundation](#).

**Public Affairs Activities Report
December 13, 2017 – January 09, 2018**

<p>Member Agency Relations</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Attended Metropolitan PIO working group meeting • Working with LBCWD on availability and logistics for upcoming community events • Working on availability and logistics for participation in the City of Dana Point’s upcoming community events • Hosted a Public Affairs Workgroup Meeting featuring MWDOC’s Education Programs and soliciting CHOICE commitments for the upcoming budget cycle. • Began preparation for the Public Affairs Department Budget for FY 18/19 <p>Heather provided a legislative recap of 2017 for the member agency PAW/Legislative group.</p> <p>Heather is coordinating with participating member agencies on the Southern California Water Issues Briefing Book that is distributed to members of Congress and their staff during the luncheon in Washington D.C. on February 28.</p>
<p>Education</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Assisted Mesa Water with information regarding upcoming high school program classroom and expo dates • Assisted the City of Anaheim with information regarding upcoming high school and elementary school program classroom and expo dates • Assisted Mesa Water with information regarding Solar Cup • Collected and coordinated information from ITO and DSF for both MWDOC education programs to complete the Metropolitan Annual Member Agency Survey of Education Resources • Provided photos to ITO of the CRA and Delta to be used as lesson plan visuals
<p>Media Relations</p>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Participated in several meetings to discuss strategy with the social media Consultant. Continuing to fine tune the MWDOC social strategies and best practices guidelines.
<p>Special Projects</p>	<p>Public Affairs staff:</p> <ul style="list-style-type: none"> • Coordinated, prepared and sent out an eCurrents newsletter • Working with staff at the Department of Water Resources to secure a date for the next Water Policy Dinner & Forum with keynote speaker Director Grant Davis • Attended WEROC staff training • Are currently working on itineraries, trip logistics, guest and Director requirements for the following inspection trips:

Item 7

	<ul style="list-style-type: none"> • January 26-28, 2017, Director Barbre, CRA/Hoover • February 23-24, 2017, Director Ackerman, SWP • Bryce staffed a CRA inspection trip with Director McKenney on January 12-13 • Developed a new MWDOC branded envelope template • Working with web developer to fine tune website items • Are developing business cards for staff and Directors <p>Heather prepared and sent out the ISDOC notice for the January 25, 2018 Quarterly Luncheon.</p> <p>Heather coordinated with and invited the January ISDOC speaker Kathy Cole of MWD.</p> <p>Heather and Kelly Hubbard invited and coordinated with the January WACO speakers, Dr. Eric McDonald and Dr. Matt Zahn to discuss Hepatitis A.</p> <p>Heather staffed the January WACO meeting which was very well attended.</p> <p>Heather compiled a list of all chambers of commerce in Orange County and their meeting days/times.</p> <p>Heather worked with Fred Simon of Infraguard to speak at the February WACO meeting.</p> <p>Heather staffed the January ISDOC Executive Committee.</p> <p>Heather and Joe Berg are coordinating and compiling information with grant writing/tracking firms. A recommendation should be ready in the next month.</p>
<p>Legislative Affairs</p>	<p>Heather and Melissa participated in MWD's member agency working group on SB 623 (Monning).</p> <p>Heather and Melissa participated in MWD's member agency working group on AB 1668/SB 606, the conservation implementation legislation.</p>
<p>Water Summit</p>	<p>Public Affairs staff:</p> <ul style="list-style-type: none"> • Conducted staff meeting with OCWD to prepare for the 2018 Summit • Have begun soliciting sponsors and speakers.