

I hereby certify that the following agenda was posted at least 72 hours prior to the time of the meeting so noticed below at 24251 Los Alisos Boulevard, Lake Forest, California.



DENNIS P. CAFFERTY, Secretary of the El Toro Water District and the Board of Directors thereof



AGENDA
EL TORO WATER DISTRICT
REGULAR MEETING OF THE
BOARD OF DIRECTORS

January 23, 2020

7:30 a.m.

CALL MEETING TO ORDER – President Monin

PLEDGE OF ALLEGIANCE – Vice President Gaskins

ORAL COMMUNICATIONS/PUBLIC COMMENTS

Members of the public may address the Board at this time or they may reserve this opportunity with regard to an item on the agenda, until said item is discussed by the Board. Comments on other items will be heard at the time set aside for "COMMENTS REGARDING NON-AGENDA ITEMS." The public will identify themselves when called on and limit their comments to three minutes.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Determine need and take action to agendize items which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present, or, if less than two-thirds of the Board members are present, a unanimous vote of those members present.)

PRESENTATION OF AWARDS, RECOGNITIONS AND INTRODUCTIONS

a. Service Awards

1. Mr. Cafferty will recognize and congratulate Bobby Young, Principal Engineer, for 5 years of service with the District.

b. Continuing Education & Training, Degree and Certification Program acknowledgement

There are no acknowledgements.

c. Special District/Employee Association/Community Award Acknowledgement and Employee Special Recognition

There are no acknowledgements.

CONSENT CALENDAR

(All matters under the Consent Calendar will be approved by one motion unless a Board member or a member of the public requests separate action or discussion on a specific item)

1. Approval of Minutes (Minutes Included)

- a. Consider approving the minutes of the December 19, 2019 Board meeting.
- b. Consider approving Amendment No. 1 to the General Manager's Employment Agreement.
- c. Consider approving the Directors to attend the 2020 WaterReuse California Annual Conference on March 15-17, 2020 in San Francisco, Ca.

APPROVAL OF ITEMS REMOVED FROM TODAY'S CONSENT CALENDAR

The Board will discuss items removed from today's Consent Calendar requiring further discussion.

Recommended Action: The Board will be requested to approve the items removed from today's Consent Calendar.

2. California Asset Management Program (CAMP) (Reference Material Included)

A CAMP Representative will update the Board on the District's investment holdings and philosophy based on the economic outlook. CAMP assists the District with short-term and long-term investment alternatives.

DIRECTOR/COMMITTEE REPORTING

3. Director Reports for Meetings Attended (Oral Report)

GENERAL MANAGER ACTION ITEMS

4. Resolution No. 20-1-4 Establishing Date, Time, and Place of Regular Board Meetings and Board/Engineering & Finance/Insurance Committee Meetings of the Board of Directors for Calendar Year 2020 (Reference Material Included)

Staff will review and comment on an amendment to the previously adopted schedule of date, time, and place of Board/Engineering & Finance/Insurance Committee Meetings of the Board of Directors for calendar year 2020.

Recommended Action: The Board will consider adopting Resolution No. 20-1-4 which establishes date, time, and place of Regular Board Meetings and Board/Engineering & Finance/Insurance Committee Meetings of the Board of Directors for calendar year 2020.

RESOLUTION NO. 20-1-4

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
EL TORO WATER DISTRICT
ESTABLISHING DATE, TIME, AND PLACE OF
REGULAR BOARD MEETINGS AND BOARD/ENGINEERING
& FINANCE/INSURANCE COMMITTEE MEETINGS OF
THE BOARD OF DIRECTORS
FOR CALENDAR YEAR 2020

5. Resolution No. 20-1-5 Modifying Standing and External Organization Board and Staff Assignments for Calendar Year 2020 (Reference Material Included)

Staff will review and comment on Resolution No. 20-1-5 modifying Standing and External Organization Board and Staff Assignments for calendar year 2020.

Recommended Action: Staff recommends approval of Resolution No. 20-1-5 modifying Standing and External Organization Board and Staff Assignments for calendar year 2020.

RESOLUTION NO. 20-1-5

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
EL TORO WATER DISTRICT
MODIFYING STANDING AND EXTERNAL ORGANIZATION
BOARD AND STAFF ASSIGNMENTS
FOR CALENDAR YEAR 2020

6. **Resolution No. 20-1-6 Amending District Meeting Rooms Use Policy**
(Reference Material Included)

Staff will review and comment on Resolution No. 20-1-6 which amending the District meeting rooms use policy.

Recommended Action: Staff recommends that the Board of Directors approve Resolution No. 20-1-6 amending District Meeting Rooms Use Policy.

RESOLUTION NO. 20-1-6
OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
AMENDING DISTRICT MEETING ROOMS USE POLICY

GENERAL MANAGER INFORMATION ITEMS

7. **General Manager's Monthly Report** (Report Included)

Staff will review and comment on the General Manager's Monthly Report.

8. **Legislative Reports** (Reference Materials Included)

Staff and General Counsel will review and comment on the Legislative reports.

9. **Public Education and Outreach & Water Conservation Reports** (Reference Material Included)

10. **SOCWA Reports** (Reference Material Included)

a. SOCWA Board Meeting – January 9, 2020

b. SOCWA Engineering Committee Meeting – January 16, 2020

11. Municipal Water District Of Orange County (MWDOC) Report

(Reference Material Included)

- a. MWDOC/MET Directors Workshop – January 2, 2020
- b. MWDOC Planning/Operations Committee – January 6, 2020
- c. MWDOC Administration & Finance Committee – January 8, 2020
- d. MWDOC Board Meeting – January 15, 2020
- e. MWDOC Managers Meeting – January 16, 2020
- f. MWDOC Special Board Meeting – January 18, 2020
- g. MWDOC Public Affairs & Legislation Committee – January 20, 2020

12. Local Agency Formation Commission (LAFCO) Report

- a. Report on the January 8, 2020 meeting.

13. South Orange County Watershed Management Area (SOCWMA) Management and/or Executive Committee Report

- a. The January 6, 2020 SOCWMA Management Committee meeting was canceled.

14. ISDOC Meetings (Reference Material Included)

- a. Report on the January 7, 2020 ISDOC Executive Committee Meeting

15. WACO Meetings (Reference Material Included)

- a. Report on the January 10, 2020 WACO Meeting
- b. Report on the January 21, 2020 WACO Planning Committee meeting

16. City Coordination Efforts

There was no meeting.

COMMITTEE AND GENERAL INFORMATION

17. Dates to Remember for January/February 2020 (Reference Material Included)

18. Carry-Over Pending Matters

COMMENTS REGARDING NON-AGENDA ITEMS

ATTORNEY REPORT

CLOSED SESSION

At this time the Board will go into Closed Session as follows:

1. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.9 (d) (2) to consult with legal counsel and staff – Potential Litigation (one matter).

REGULAR SESSION

REPORT ON CLOSED SESSION (Legal Counsel)

Mr. Granito will provide an oral report on the Closed Session.

ADJOURNMENT

Recommended Action: The Board will be requested to take action adjourning today's Board meeting to **Thursday, February 27, 2020 at 7:30 a.m.** at the El Toro Water District, 24251 Los Alisos Boulevard, Lake Forest, California.

The agenda material for this meeting is available to the public at the District's Administrative Office, which is located at 24251 Los Alisos Blvd., Lake Forest, Ca. 92630. If any additional material related to an open session agenda item is distributed to all or a majority of the board of directors after this agenda is posted, such material will be made available for immediate public inspection at the same location.

Request for Disability-Related Modifications or Accommodations

If you require any disability-related accommodation, including auxiliary aids or services, in order to participate in this public meeting, please telephone the District's Recording Secretary, Polly Welsch at (949) 837-7050, extension 225 at least forty-eight (48) hours prior to said meeting. If you prefer, your request may be submitted in writing to El Toro Water District, P.O. Box 4000, Laguna Hills, California 92654, Attention: Polly Welsch.

MINUTES OF THE REGULAR MEETING
OF THE
BOARD OF DIRECTORS
OF THE
EL TORO WATER DISTRICT
December 19, 2019

President Vergara called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order at 7:30 a.m. on December 19, 2019 at the El Toro Water District Administrative Offices, 24251 Los Alisos Boulevard, Lake Forest, California.

Director Freshley led in the Pledge of Allegiance to the flag.

Present at today's meeting were Committee Members JOSE F. VERGARA, MARK MONIN, KATHRYN FRESHLEY, MIKE GASKINS, and KAY HAVENS.

Also present were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, NEELY SHAHBAKHTI, Finance Manager/Controller, SHERRI SEITZ, Public Relations/Emergency Preparedness Administrator, RICK OLSON, Operations Superintendent, BOBBY YOUNG, Principal Engineer, GILBERT J. GRANITO, General Counsel, POLLY WELSCH, Recording Secretary, STEVE WINGEN, Customer Service Crew Chief, and SAT TAMARIBUCHI, MWDOC President.

Oral Communications - Public Comments

President Vergara stated that at this time members of the public may address the Board or they may reserve this opportunity with regards to an item on the agenda, until the Board discusses said item later in today's meeting.

Mr. Tamaribuchi introduced himself and stated that he was recently selected to be MWDOC's Board President. He further suggested that the Board members attend the MWDOC/MET Directors workshop where they will be discussing critical issues such as the IRP (Integrated Water Resources Plan), which will provide the foundation for the MET budget, MET LRP Policy, and MET Rates.

Mr. Tamaribuchi stated that the Governors Water Resiliency Report will be released soon which will outline the direction of the State on water planning. He further stated that he would like to see more member participation in the MWDOC meetings.

Items Received Too Late To Be Agendized

President Vergara asked if there are any items received too late to be agendized. Mr. Cafferty replied no.

Presentation of Awards, Recognitions and Introductions

1. Mr. Cafferty recognized and congratulated Steve Wingen, Customer Service Crew Chief, for 30 years of service with the District.

At approximately 7:48 a.m. Mr. Wingen left the meeting.

Consent Calendar

All matters under the Consent Calendar will be approved by one motion unless a Board member or a member of the public requests separate action or discussion on a specific item.

1. Consider approving the November 26, 2019 Board meeting minutes.

President Vergara asked for a Motion.

Motion: Vice President Monin made a Motion, seconded by Director Havens, and unanimously carried across the Board to approve the Consent Calendar.

General Manager Action Items

Election of Officers

Office of President

President Vergara stated that the District's Bylaws Section V-4 states that the Vice President will automatically succeed to the office of President. Therefore, Vice President Mark Monin now succeeds to the office of President.

Vice President Monin thanked the Board and presented a plaque to President Vergara thanking him for his leadership this past year as the Board President.

Election of Vice President

Director Freshley stated that she would like to make a Motion.

Motion: Director Freshley made a Motion to nominate Director Mike Gaskins as the new Vice President. New President Monin seconded this

Motion, and it was unanimously carried across the Board to elect Director Mike Gaskins to the position of Vice President.

Director Gaskins accepted this nomination and thanked the Board.

Oath of Office for President and Vice President

Mr. Cafferty presented the newly appointed President and Vice President the Oath of Office to serve for one year or until the election of their successor.

Confirmation of Existing Officer Appointments

Motion: Director Freshley made a Motion, seconded by Director Vergara and unanimously carried across the Board to confirm the existing appointments for the offices of Secretary (Dennis Cafferty), Assistant Secretary (Judy Cimorell), and Treasurer (Neely Shahbakhti).

General Manager Information Items

General Manager's Monthly Report

Mr. Cafferty stated that he added certificates we recently received from JPIA for the President's Special Recognition Award for achieving a low ratio in the Workers Compensation Program and the Property Program.

President Monin stated that the Customer Service Activity Report is looking better each month.

Mr. Tamaribuchi asked if the hourly use of diesel generators is any concern for us. Mr. Cafferty replied that we have a large number of emergency diesel generators and we are interested in the AQMD limitations of hourly use.

At approximately 8:08 a.m. Mr. Tamaribuchi left the meeting.

Mr. Cafferty stated that the Strategic Planning process is continuing with Mr. Means conducting meetings with staff. He further stated that staff was participating in the meetings.

Mr. Cafferty stated that the Orange County Registrar of Voters and the way we conduct elections may be changing significantly, and they are considering moving away from the traditional polling places and establishing voting centers. He further stated that they are considering our Multi-purpose room in the Field Office. Mr. Cafferty stated that the County has a 4-day, 11-day, and 1-day voting period, and we would consider the 4-day (Friday, Saturday, Sunday, and Monday), which would require staff be on-site during those days/hours.

Director Havens asked if they would compensate us for the overtime and would also provide security. Mr. Cafferty replied that this conversation is on-going, however the County would provide their own staff for the Voting Center itself.

Mr. Cafferty stated that we have a policy for room usage; however we would need to modify the policy as it was originally prepared to discourage using our conference rooms for political purposes and during normal working hours.

Vice President Gaskins stated that he would support a shared cost usage of our conference rooms.

Director Freshley asked how much room do they need. Ms. Seitz replied that they have specific size requirements and they measured the room, ingress, egress, and the parking lot.

Mr. Cafferty stated that our meeting dates have been traditionally Tuesdays and Thursdays; and most Tuesdays there was a conflict occurring with outside meetings. He further stated that the Tuesday meetings may move to Monday's in 2020, which would need to be amended by Resolution as an action item in January.

Mr. Cafferty stated that Mr. Olson will provide an update on the lab certification. Mr. Olson stated that staff received a letter from ELAP stating that they have approved our application, and now we need to hear from the State before it actually becomes a certification. He further stated that Chau Vuong, Eric Nguyen, and Mark Pade did the bulk of the work on the re-certification application and did a great job.

Mr. Cafferty read the letter from ELAP complementing our staff on our application for re-certification. Vice President Gaskins asked staff to prepare a cost sheet showing what this re-certification has cost the District.

Legislative Reports

There were no comments.

Public Education and Outreach & Water Conservation Reports

Ms. Seitz stated that there were no water waste complaints for the month of November. She further stated that there were recent articles regarding PFAS associated with synthetic turf. Ms. Seitz stated that some

agencies are still funding synthetic turf rebates, however MWDOC is not and we have decided not to continue the rebates as well.

Ms. Seitz stated that the pressure regulator program will be discussed in next month's report. She further stated that we will give them an area that has high pressure and they will assess the area, send out a plumber to test the pressure regulators, and replace as needed.

President Monin stated that the 5K run in Lake Forest was a success with water bottles and our emergency drinking water trailer at the event.

Ms. Seitz stated that ETWD was named a top workplace in Orange County, and this information will be on our website and on social media.

Ms. Seitz stated that President Monin will be on TV-6 in December to discuss the year in review. She further stated that she included dates for school programs which she will coordinate with the schools for any Directors wanting to attend.

Ms. Seitz stated that the Girl Scout Water Resource and Conservation Patch Program will be at the WRP on Saturday, January 11th from 9:00 a.m. – 11:00 a.m.

Director Havens asked if we could send the newsletters to the HOA's to share with their Board members.

SOCWA Reports

Mr. Cafferty stated that the Finance Committee met to discuss the SOCWA Comprehensive Financial Report, cash statements, and the annual Use Audit.

Director Freshley stated that at the SOCWA Board meeting they discussed issues that the General Manager has been working on.

MWDOC

Vice President Gaskins stated that he attended the MWDOC Public Affairs meeting where they discuss legislative reports from the State, and some of the language will clarify the PFAS requirements.

Director Havens stated that they will take a milder approach on the language for the PFAS national regulations.

Director Vergara stated that he attended the MWDOC Board meeting where they discussed the election of Officers for President and Vice President. He further stated that they voted for Joan Finnegan to be the President and Sat Tamaribuchi to be the Vice President; however Joan nominated Mr. Tamaribuchi for the President position, and she accepted the Vice President position.

Mr. Cafferty stated that the MWDOC Managers meeting was canceled.

LAFCO

There was no meeting.

SOCWMA

There was no meeting.

ISDOC

Vice President Gaskins stated that the ISDOC Committee decided on a dues holiday for the next year. He further stated that there was discussion on the apportionment of LAFCO's dues.

WACO

President Monin stated that he did not attend the WACO Planning Committee meeting due to a conflict with our meetings.

President Monin stated that the presentation from Eric Sapirsteen on the Washington update was very informative.

City Coordination Efforts

There were no comments.

Committee and General Information

There were no comments.

Directors Reports

Vice President Gaskins stated that he attended JPIA and the ACWA Fall Conference, the ISDOC meeting, WACO, SOCWA, and the MWDOC Public Affairs meeting.

Director Vergara stated that he attended the ACWA Fall Conference, WACO, the MWDOC Board meeting, and will be attending the WateReuse meeting today.

Director Havens stated that she attended the ACWA Fall Conference, the ETWD holiday event, the Orange County Register Top Workplace event, WACO, MWDOC Public Affairs, and will be attending the WateReuse meeting this afternoon

Director Freshley stated that she attended the JPIA meeting where they discussed cyber security and costs and what's driving insurance rates and liability. She further stated that she attended several of the Energy

Committee meetings where they discussed AQMD requirements. She also attended the ACWA Fall Conference, SOCWA Board meeting, WACO, Audit Committee meeting, and the ETWD holiday event.

President Monin stated that he attended the ACWA Fall Conference, JPIA where they discussed Roberts Rules of Order, the Audit Committee meeting, Laguna Woods City Council meeting where Noel Hatch will be the new Mayor. He also attended WACO, the Elf Yourself 5K Run at Lake Forest, and will be on TV-6 next month.

Schedule of Appearances Laguna Woods Village TV-6 for Calendar Year 2020

There were no comments.

Dates to Remember for December 2019/January 2020

There were no comments.

Carry Over Pending Matters

There were no comments.

Comments Regarding Non-Agenda Items

Director Havens thanked staff for their support this past year with attending conferences and meetings.

Director Vergara thanked the Board members for getting along and speaking their opinions. He further thanked staff for their hard work in assisting the Board members and keeping them informed.

President Monin stated that he feels it is an honor to work with our Board members and appreciates our management staff and the work they do.

Vice President Gaskins stated that he appreciates his first year on the Board who are able to discuss different opinions and come to consensus on the issues.

Director Freshley stated that she appreciates the Board's compatibility through challenges on different issues and the staff, and the accomplishments we make.

Mr. Cafferty stated that he is appreciative for the Board's engagement, dedication to the District, and providing direction to the agency and staff.

Attorney Report

Mr. Granito reported that there is no need for a Closed Session at today's meeting. Therefore, Regular Session continued.

Adjournment

There being no further business to come before the Board, the following motion was duly made and passed.

Motion: Vice President Gaskins made a Motion, seconded by Director Havens and unanimously carried that today's meeting be adjourned at 9:15 a.m. to Thursday, January 23, 2020 at 7:30 a.m. at the District's Administrative Offices at 24251 Los Alisos Blvd, Lake Forest, CA. 92630.

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

MARK L. MONIN, President of
the El Toro Water District and the
Board of Directors thereof

DENNIS P. CAFFERTY, Secretary
of the El Toro Water District and
the Board of Directors thereof



STAFF REPORT

TO: BOARD OF DIRECTORS

MEETING DATE: January 23, 2019

FROM: Judy Cimorell, Human Resources Manager

SUBJECT: General Manager Employment Agreement

The terms of the contract between the El Toro Water District and the District's General Manager are defined in the "Employment Agreement Between El Toro Water District and Dennis P. Cafferty". Section 6.1 of the Employment Agreement defines the Annual Base Salary of the General Manager.

At the Board Meeting held on November 25, 2019 the Board of Directors authorized an increase in the General Manager's Annual Base Salary. "Amendment No. 1 to the Employment Agreement Between El Toro Water District and Dennis P. Cafferty" amends the General Manager Employment Agreement consistent with the Board action taken at the November 25 Board meeting.

RECOMMENDATION

Recommended Action at the January 25, 2020 Board Meeting:

Staff recommends that the Board of Directors approve Amendment No. 1 to Employment Agreement Between El Toro Water District and Dennis P. Cafferty.

**AMENDMENT NO. 1 TO
EMPLOYMENT AGREEMENT
BETWEEN
EL TORO WATER DISTRICT
AND
DENNIS P. CAFFERTY**

THIS AMENDMENT to the existing Employment Agreement entered into effective July 1, 2019 (“Agreement”) between the El Toro Water District (“District”) and Dennis P. Cafferty (“Employee”) is entered into by District and Employee effective January 1, 2020.

Except as stated below, the Agreement remains in full force and effect.

Sections 6.1 of the Agreement is amended to read as follows:

6.1 **Annual Base Salary.** Employees shall be paid an annual salary of \$277,000. Said compensation shall be paid in equal bi-weekly payments.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment effective January 1, 2020.

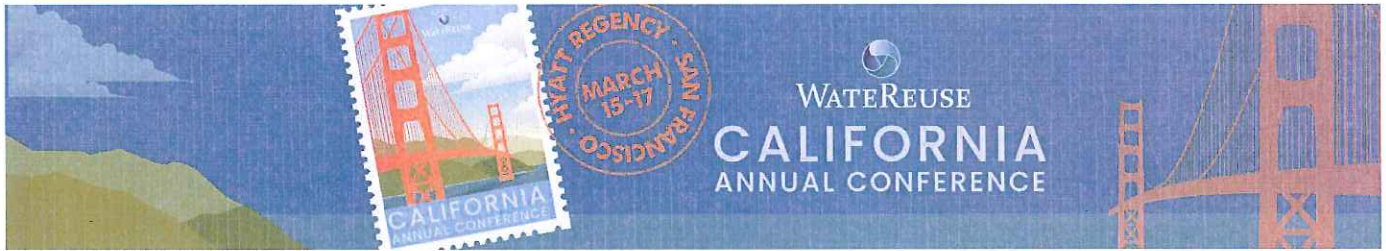
EL TORO WATER DISTRICT:

By _____
Mark L. Monin, President
Board of Directors

By _____
Judy Cimorell, Assistant Secretary

DENNIS P. CAFFERTY:

Dennis P. Cafferty



March 15-17, 2020

Register at: bit.ly/WateReuse2020

2020 WaterReuse California Annual Conference



BEYOND THE TECHNICAL

Updates for the 2020 Conference:

Engage with full-course topics from 'Getting Public Buy-in for Your Project,' to customer surveys, to 'Potty Talk,' and much more.

Held at San Francisco's beautiful

HYATT REGENCY

Join your fellow board members and other elected officials, water recycling leaders, public agency representatives, customers, developers, consultants, teachers, operators, environmental groups, students, manufacturer representatives and other individuals interested in engaging in the dialog about water recycling.

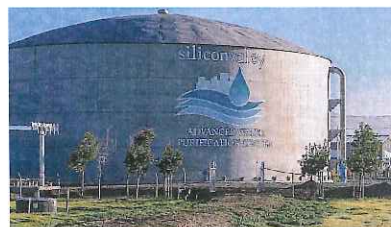
FEATURED SPEAKER

Kristin Peer, Cal-EPA Deputy Secretary and Special Counsel for Water Policy

Kristin opens our Conference on Monday morning, discussing Governor Newsom's 2020 Water Resilience Portfolio and Reuse



EARLY-BIRD TOURS



On Sunday, tour innovative, state-of-the-art water reuse projects in San Francisco and San Jose that are saving millions of gallons of water per year.

For more details and to register, please go to the conference website:

bit.ly/WateReuse2020

Conference Highlights

SUNDAY, MARCH 15

- ▶ **Sunday Tours:** SF and San Jose tours
- ▶ 1:00 – 3:00: **From the Strategy Room: Leader's Perspective on Advancing Potable Reuse**

MONDAY, MARCH 16

- ▶ Opening Session 8:30 – 9:30:
Governor Newsom's Water Resilience Portfolio and Reuse
Kristin Peer, Cal-EPA Deputy Secretary and Special Counsel for Water Policy
Kristin Peer was appointed by Governor Gavin Newsom in September 2019 to serve as Deputy Secretary and Special Counsel for Water Policy at the California Environmental Protection Agency. Prior to her appointment, she served for four years at CalEPA as Assistant General Counsel.
- ▶ 10:00 – 11:30: **Stemming the Flow of Harmful Chemicals Upstream to Support Potable Reuse**
- ▶ **Awards Luncheon** 12:00 – 1:30: Awards honoring the best water recycling projects statewide
- ▶ 1:30 – 3:00: **PFAS Regulatory Horizon, Research Needs and Utility Perspective**
- ▶ 3:30 – 5:00: **Recycled Water to Achieve Groundwater Sustainability**



▶ **President's Reception:**
5:00 to 6:30



TUESDAY, MARCH 17

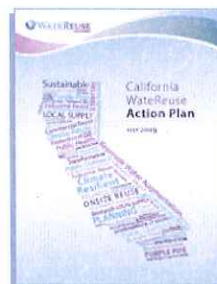
- ▶ **Gordon Cologne Breakfast**
8:00 to 9:30:
Honoring WaterReuse California Legislator of the Year



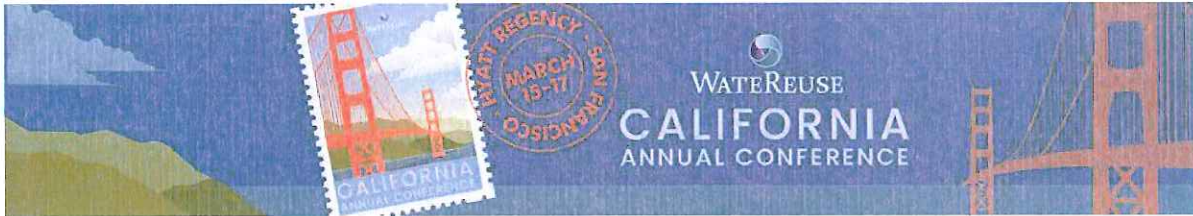
- ▶ **Join us for WaterReuse Jeopardy!**
Full audience plays. Find out who is the recycled water trivia genius!

- ▶ 10:00 to 11:30: **Bay Area Perspective on Non-Potable Reuse**

- ▶ **Tuesday Luncheon:**
California and federal action plans on water recycling. Panel discussion about implementation of these plans.



- ▶ 2:30 – 4:00:
Explaining CECs and PFAS to the Public: Best Messages and Dreadful Pitfalls



Sunday, March 15, 2020



SAN FRANCISCO TOURS

**please note the SF tours are one tour and have very limited capacity,
sign up early to ensure your spot!*

Living Machine Tour @ 525 Golden Gate, SFPUC HQ

Meet at SFPUC at 1:00 pm (Corner of Golden Gate Ave and Polk St), Tour from 1:00-1:30 pm.

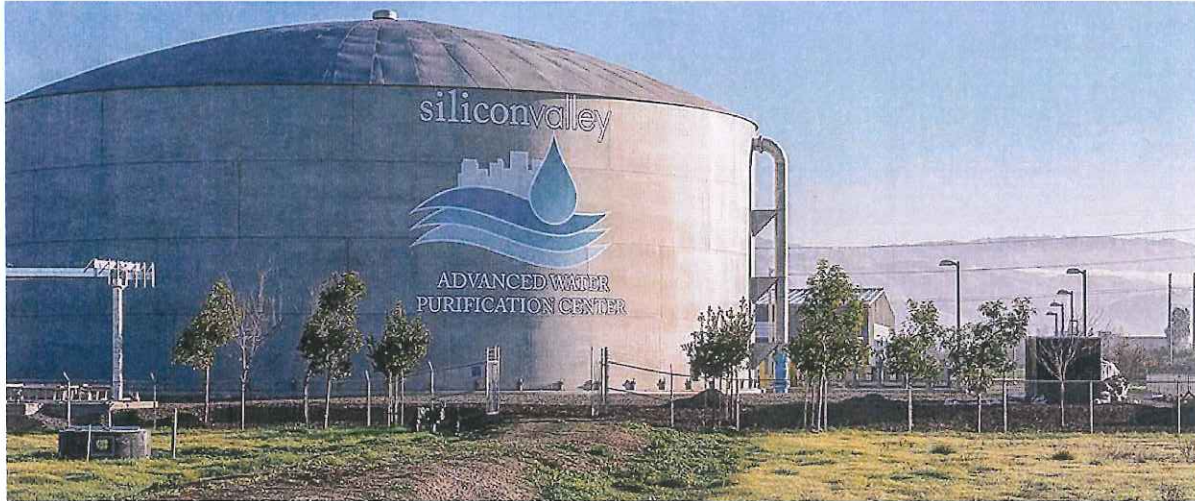
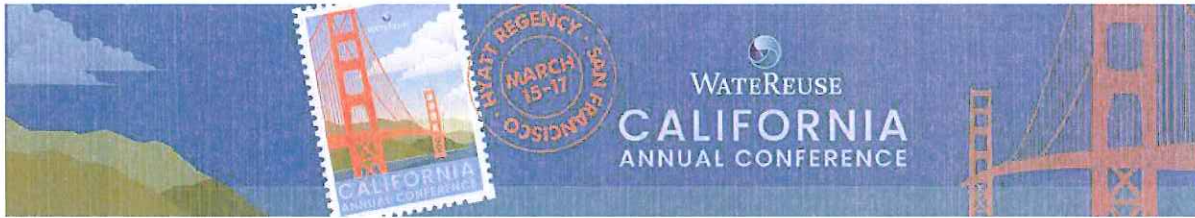
The Living Machine system at 525 Golden Gate Avenue treats the building's wastewater and distributes the treated water back through the building for toilet and urinal flushing. The wastewater is treated through an engineered wetland system, located in the building's sidewalks and lobby, and provides an average of 5,000 gallons recycled water per day. The tour will consist of a walk around the building and presentation of how the Living Machine works.

Walk as a group 0.7 miles to ECSF facility at 460 Jessie Street.

Foundation Drainage Reuse Project at District Energy Plant Tour @ 460 Jessie St, ENERGY CENTER SF

Arrive at 1:50 pm for tour from 2:00-3:00 pm. Take public transit or walk back to hotel.

This tour showcases an innovative project that conserves water by treating and reusing foundation drainage for district steam heating. The project diverts foundation drainage at the Powell Street BART station and redirects it to ECSF's District Energy Plant for use in their district steam loop, providing heating, hot water and process steam to hotels and buildings in downtown San Francisco. The tour will consist of a walk around the Jessie Street Plant to learn about the water treatment system that saves 30 million gallons of drinking water annually.



Sunday, March 15, 2020

SAN JOSÉ TOUR

Purified Water Treatment Plant Tour at Silicon Valley Advanced Water Purification Center @ 4190 Zanker Rd, San Jose

11:00 am – 4:30 pm

Meet at conference hotel, Hyatt Regency Embarcadero, 5 Embarcadero, SF

The state-of-the-art facility takes treated wastewater that would have otherwise been discharged into the San Francisco Bay and purifies it by using three proven purification processes: microfiltration, reverse osmosis and ultraviolet light. The result is up to eight million gallons a day of purified water that meets California primary drinking water standards. Currently, the purified water produced at the SVAWPC is blended with the existing recycled water supply produced at the neighboring San Jose-Santa Clara Regional Wastewater Facility to enhance quality and expand its usage. In the future, the SVAWPC can produce highly purified water for use in a variety of purposes, including expanding Silicon Valley's future drinking water supplies. This tour includes a round trip bus ride from the conference hotel to the South Bay, and a boxed lunch.



El Toro Water District

Portfolio Update

Period Ending December 31, 2019

Presented By:
Richard Babbe, CCM, Senior Managing Consultant

January 23, 2020

PFM Asset Management LLC
www.pfm.com

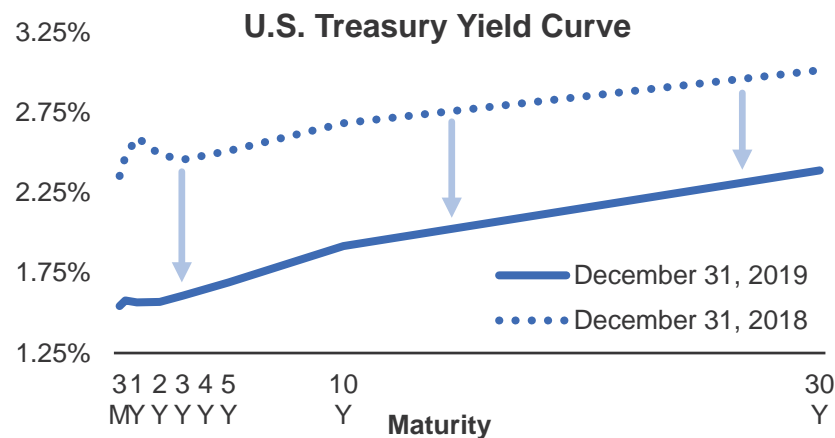
601 South Figueroa
Suite 4500
Los Angeles, CA
90017
Tel: (213) 489-4075

50 California Street
Suite 2300
San Francisco, CA
94111
Tel: (415) 982-5544

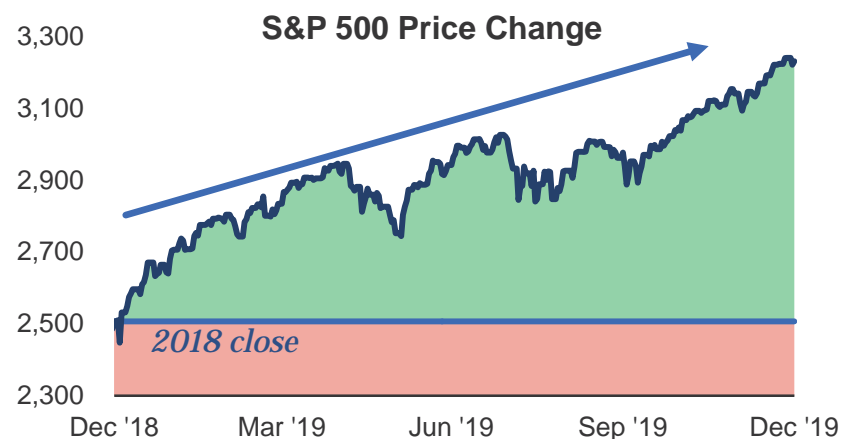


Major Moves in 2019

Federal Funds Target Range			
Year	Starting Range	Ending Range	# of Hikes/Cuts
2015	0.00%-0.25%	0.25%-0.50%	1 hike
2016	0.25%-0.50%	0.50%-0.75%	1 hike
2017	0.50%-0.75%	1.25%-1.50%	3 hikes
2018	1.25%-1.50%	2.25%-2.50%	4 hikes
2019	2.25%-2.50%	1.50%-1.75%	3 cuts



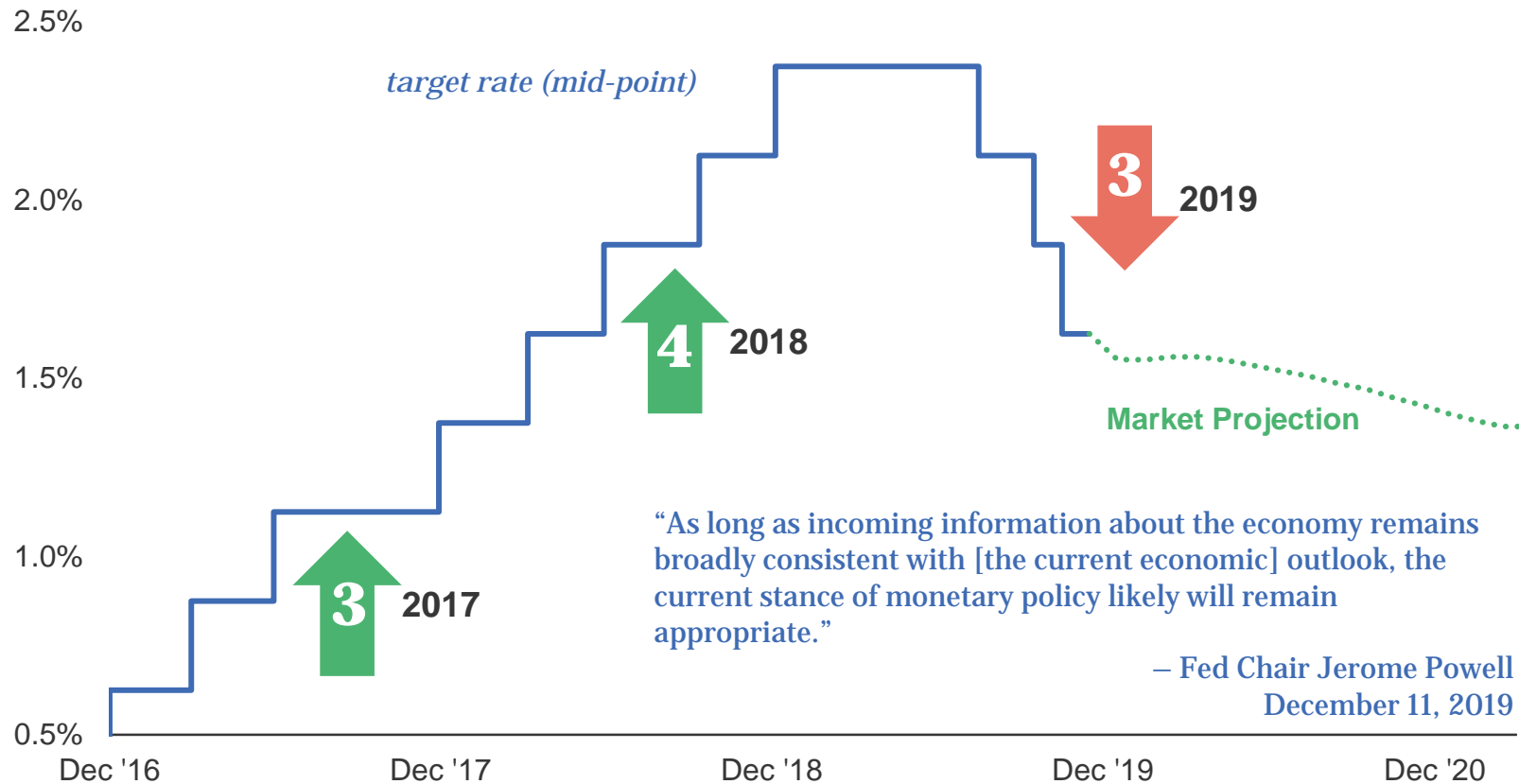
Source: Bloomberg, as of December 31, 2019.





The Fed Signals It Is Likely on Hold for an Extended Period of Time

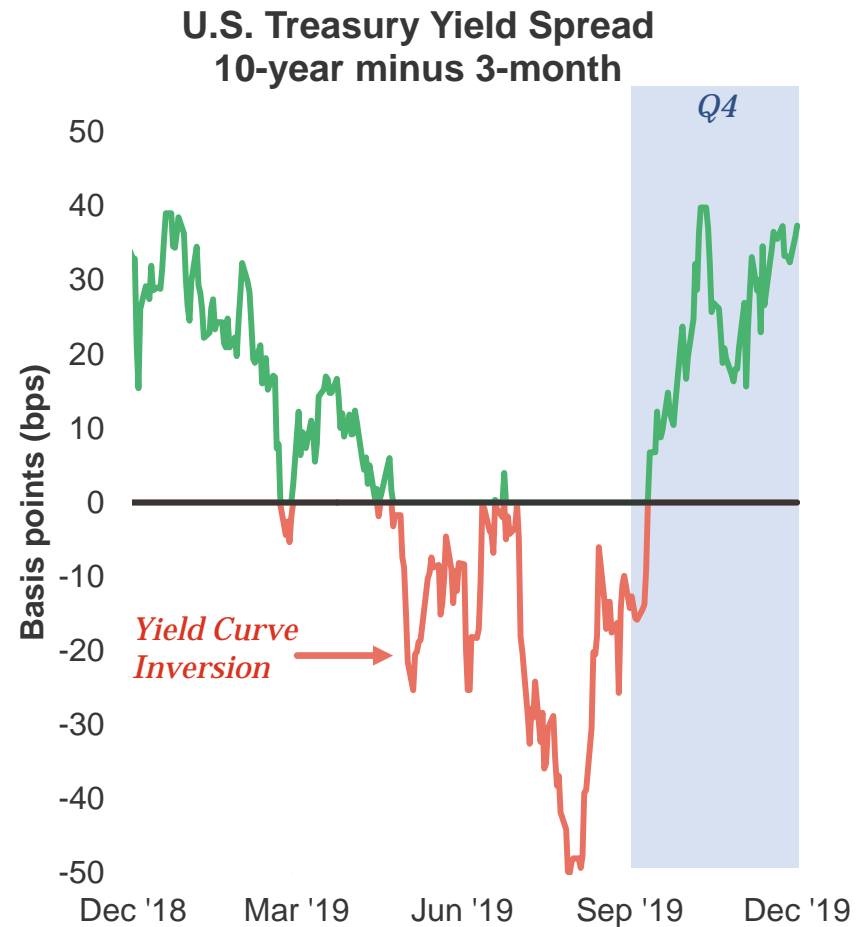
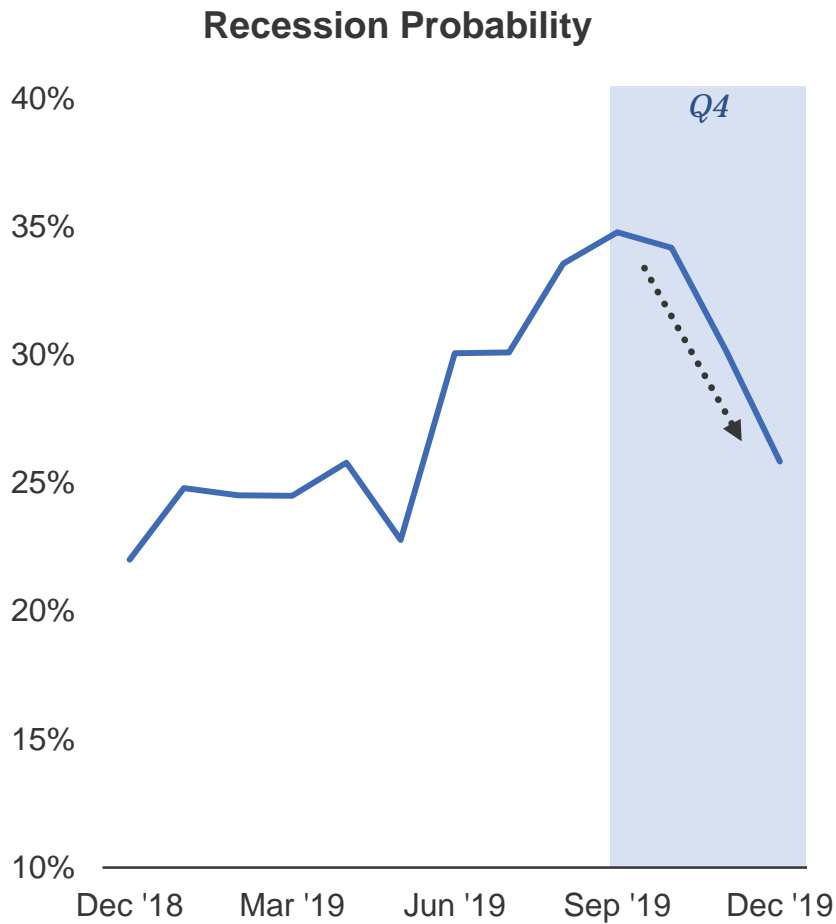
Federal Reserve Target Overnight Rate



Source: Bloomberg. Market Projection as of December 31, 2019.



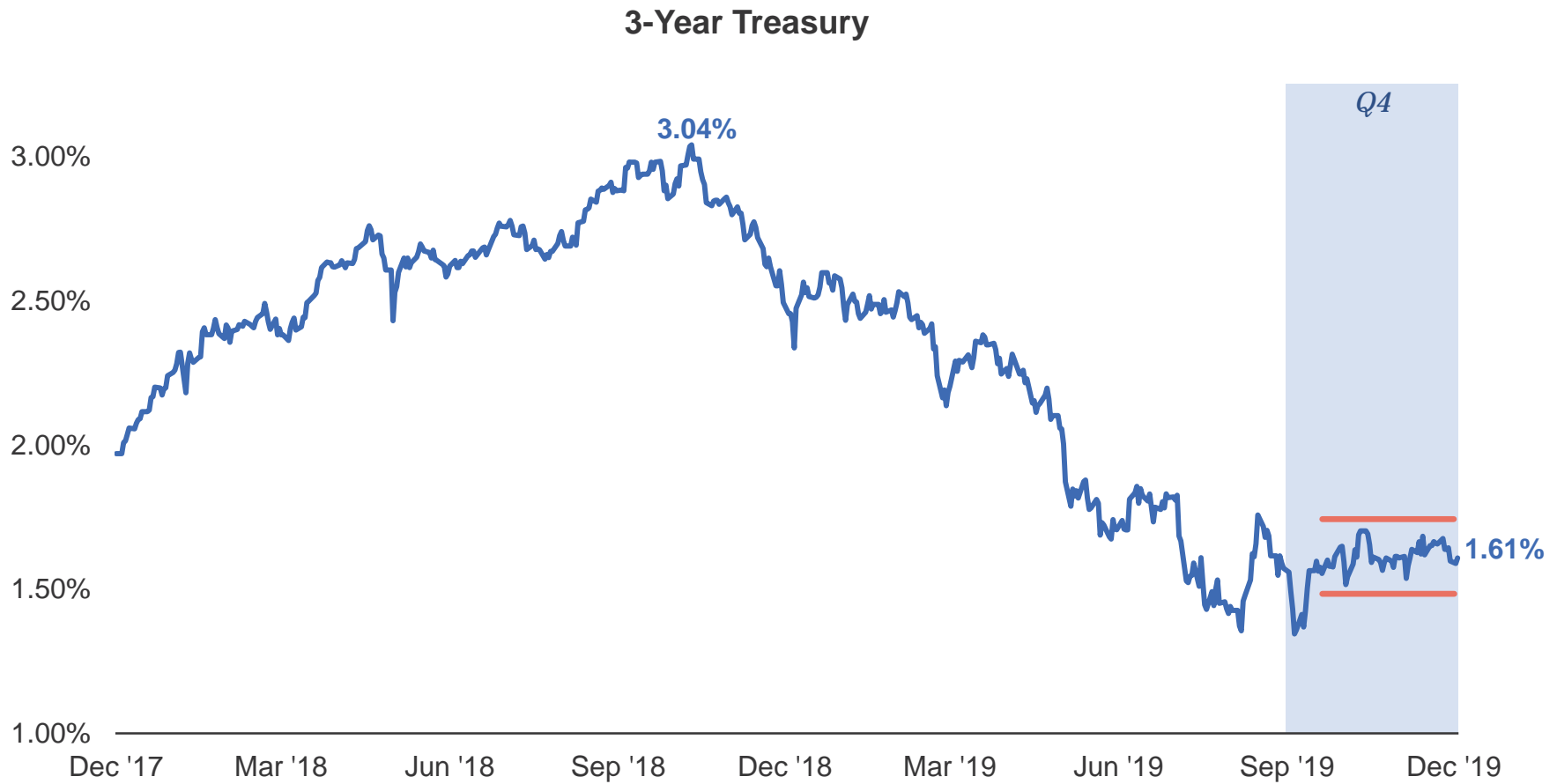
Recession Fears Subsided and Yield Curve Un-Inverted in Fourth Quarter



Source: Data as of December 31, 2019. Wall Street Journal Economic Forecasting Survey (left); Bloomberg (right).



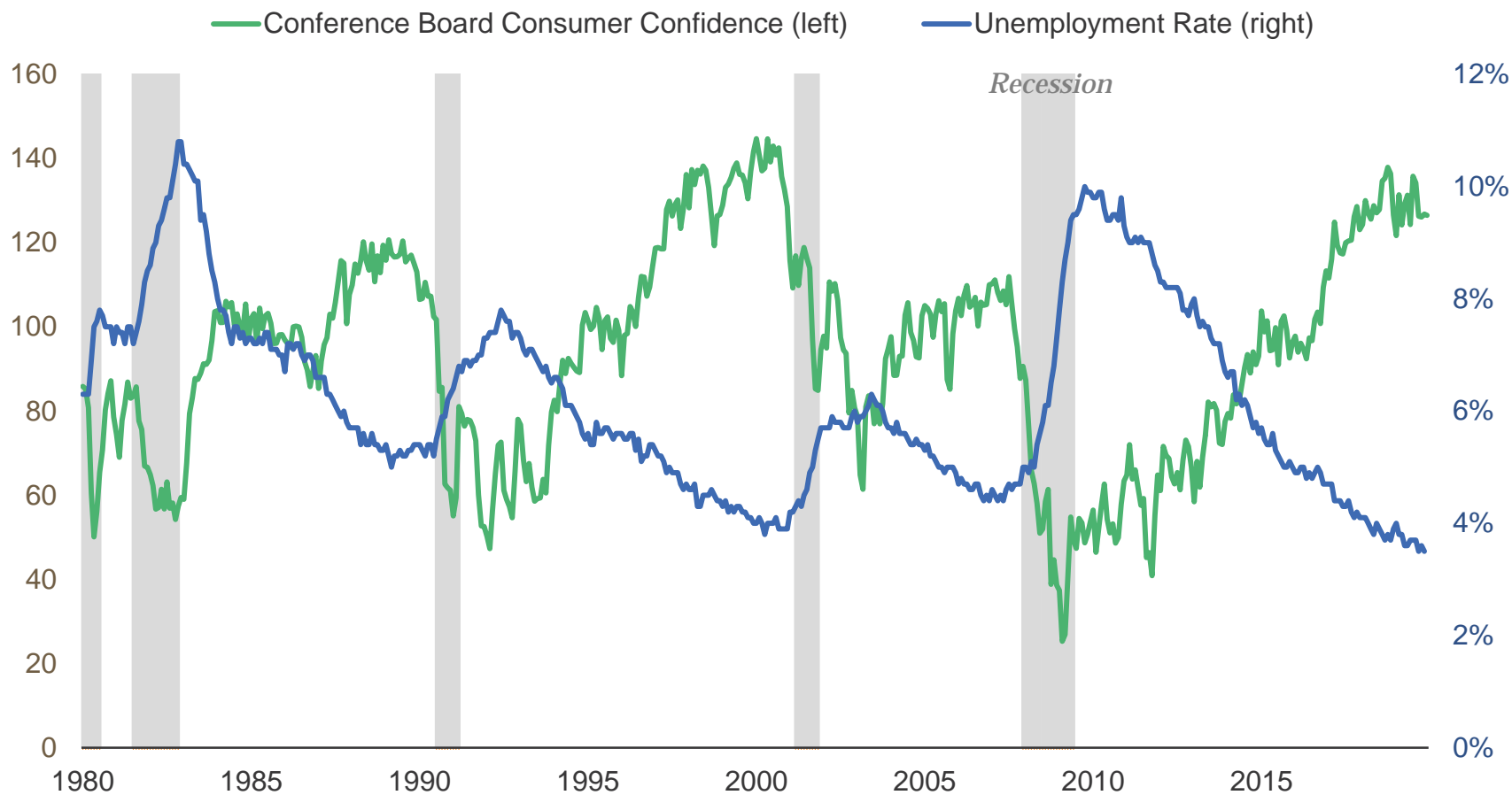
Treasury Yields Have Settled into a New, Lower Range



Source: Bloomberg, as of December 31, 2019.



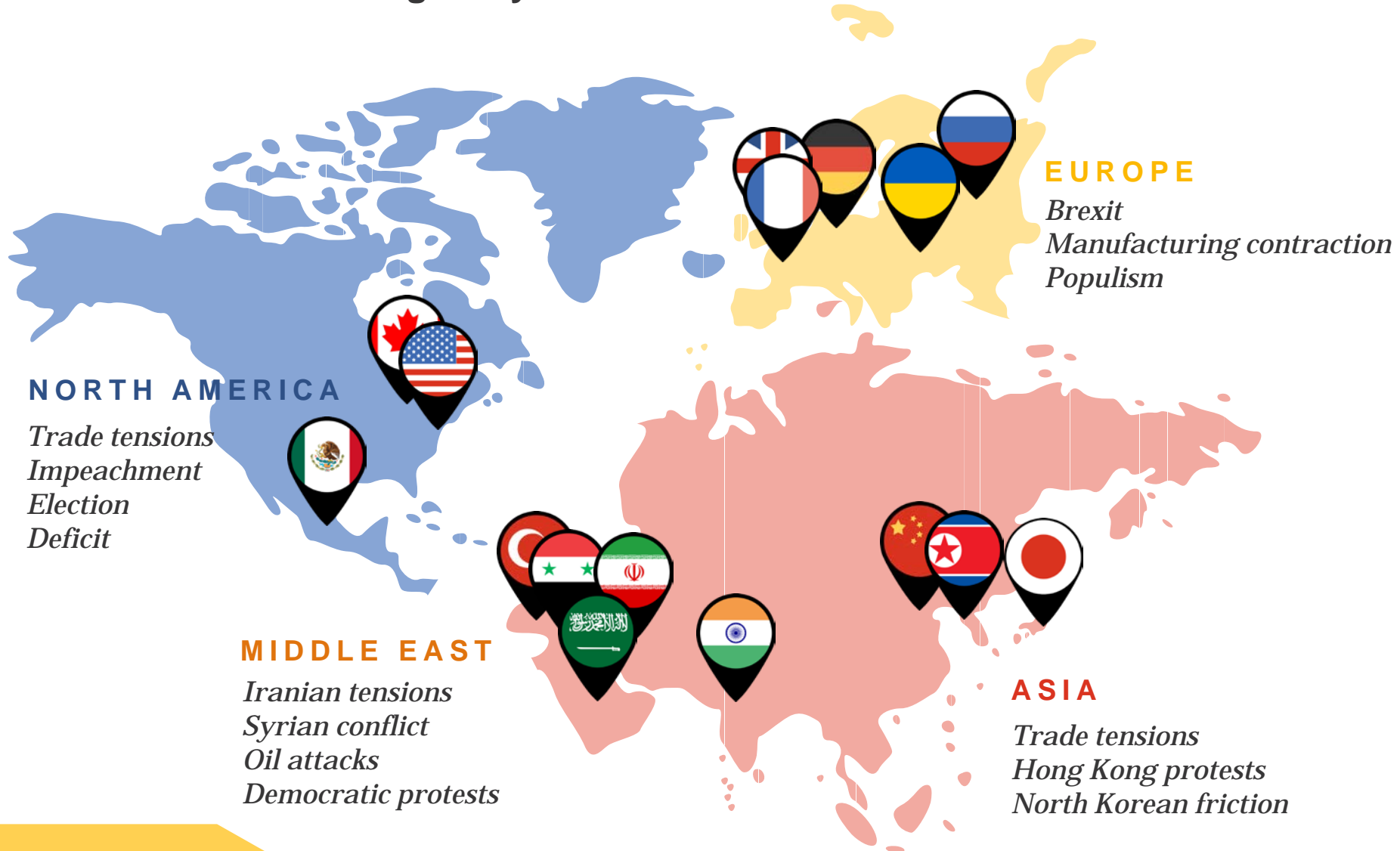
Falling Unemployment Supports Improved Consumer Confidence



Source: Bloomberg, as of December 31, 2019.



Trade Remains Among Many Global Concerns





Portfolio Composition

◆ The portfolio is in compliance with the District's Investment Policy.

Security Type	June 30, 2019	% of Portfolio	December 31, 2019	% of Portfolio	% Change vs. 6/30/19	Permitted by Policy	In Compliance
U.S. Treasury	\$1,551,510	8.5%	\$1,556,157	7.9%	-0.7%	100%	✓
Federal Agency	\$698,282	3.8%	\$199,961	1.0%	-2.8%	100%	✓
Agency CMOs	\$49,003	0.3%	\$42,333	0.2%	-0.1%	100%	✓
Municipal Bonds	\$101,561	0.6%	\$101,296	0.5%	-	30%	✓
Supranationals	\$960,488	5.3%	\$852,670	4.3%	-1.0%	30%	✓
Asset-Backed	\$942,984	5.2%	\$564,092	2.9%	-2.3%	20%	✓
Negotiable CDs	\$957,543	5.3%	\$678,789	3.4%	-1.8%	30%	✓
Corporate Notes	\$2,352,258	13.0%	\$1,721,197	8.7%	-4.2%	30%	✓
Securities Sub-Total	\$7,613,631	41.9%	\$5,716,496	29.0%			
Accrued Interest	\$36,399		\$28,203				
Securities Total	\$7,650,030		\$5,744,700				
CAMP Pool	\$1,702,582	9.4%	\$3,716,550	18.8%	+9.5%	50%	✓
LAIF	\$8,838,506	48.7%	\$10,298,880	52.2%	+3.5%	\$30 million	✓
Total Investments	\$18,191,118	100.0%	\$19,760,130	100.0%			

1. Market value excluding accrued interest. Totals may not add due to rounding.



Issuer Distribution

- The portfolio is diversified across sectors and issuers.

Sector	Issuer	%
Treasury	US Treasury	7.9%
Agency	FNMA	1.2%
Supra	IADB	2.6%
Supra	IBRD	0.9%
Supra	IFC	0.8%
Muni	State of California	0.5%
Corp	CitiGroup	0.7%
Corp	Apple	0.7%
Corp	Toyota Motor	0.7%
Corp	IBM	0.5%
Corp	Bank of America	0.5%
Corp	United Parcel Service	0.5%
Corp	Wal-Mart	0.5%
Corp	Exxon Mobil	0.5%
Corp	Microsoft	0.5%
Corp	Intel	0.5%
Corp	Walt Disney	0.5%
Corp	State Street	0.4%
Corp	Chevron	0.4%
Corp	Caterpillar	0.4%
Corp	Deer &Co	0.3%
Corp	Charles Schwab	0.3%
Corp	Paccar Financial	0.3%

Totals may not add due to rounding.

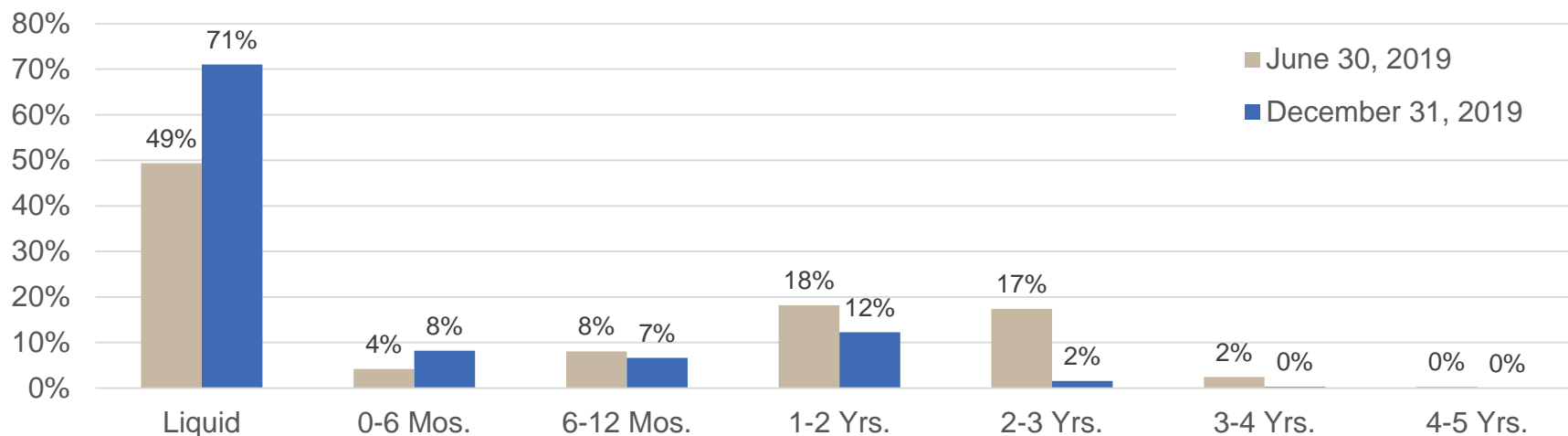
Sector	Issuer	%
Corp	General Dynamics	0.3%
Corp	American Express	0.2%
Corp	Hershey	0.2%
Corp	Morgan Stanley	0.2%
Corp	Home Depot	0.2%
Corp	National Rural Utilities	0.2%
Corp	PepsiCo	0.2%
Corp	Goldman Sachs	0.2%
Corp	Visa Inc.	0.1%
CD	Westpac Banking	0.8%
CD	Swedbank	0.7%
CD	RBOC	0.5%
CD	Bank of Nova Scotia	0.5%
CD	Credit Suisse	0.5%
CD	Nordea Bank	0.5%
ABS	Ford Auto Receivables	0.5%
ABS	Hyundai Auto Receivables	0.5%
ABS	Mercedes Auto Receivables	0.3%
ABS	Ally Auto Receivables	0.3%
ABS	Honda Auto Receivables	0.2%
ABS	John Deere Trust	0.2%
ABS	Nissan Auto Receivables	0.1%
CAMP	CAMP	18.8%
LAIF	LAIF	52.2%
TOTAL		100.0%



Maturity Distribution

- The portfolio's average maturity continues to shorten, as we let investment maturities roll into pooled investments as directed.

Portfolio Maturity Distribution
June 30, 2019 versus December 31, 2019



	6/30/19	12/31/19
Weighted Average Duration (portfolio)	1.32 years	0.94 years
Weighted Average Duration (overall)	0.67 years	0.27 years



Portfolio Total Return Performance

- The portfolio's shorter average duration relative to the benchmark hurt the portfolio's performance relative to benchmark as interest rates fell sharply during 2019.

Total Return Performance Periods Ending December , 2019 ^{1,2,3,4,5,6}					
Portfolio/Benchmark	Effective Duration	Quarter (Unannualized)	1 Year	2 Year	Since Inception
ETWD Portfolio	0.74	0.53%	3.13%	2.37%	1.64%
<i>ETWD (net of fees)⁵</i>		0.51%	3.03%	2.27%	1.54%
ICE BofAML 1-3Yr. Treasury Index	1.80	0.51%	3.96%	2.56%	1.56%

Notes:

1. Performance on trade date basis, gross (i.e., before fees), in accordance with the CFA Institute's Global Investment Performance Standards (GIPS).
2. ICE BoAML Index and U.S. Treasury yields provided by Bloomberg Financial Markets.
3. Returns longer than one year are calculated on an annualized basis
4. Excludes money fund balance in performance, duration, and yield computations.
5. Net of fees assumes an average annualized fee of 0.10%.
6. Inception date is 9/30/16



Portfolio Earnings

- The drop in interest rates during 2019 have resulted in unrealized market value gains, which increased the portfolio's market value return.

Market Value Earnings	Quarters Ending				12-Month
	3/31/19	6/30/19	9/30/19	12/31/19	TOTALS
Interest Earned	\$46,153	\$46,985	\$48,015	\$47,113	\$188,266
Change in Value	\$41,591	\$43,090	\$11,254	\$3,142	\$99,077
Portfolio Earnings	\$87,745	\$90,075	\$59,269	\$50,255	\$287,344
CAMP Dividends	\$6,249	\$9,478	\$13,347	\$16,455	\$45,529
Total Earnings	\$93,994	\$99,553	\$72,617	\$66,710	\$332,874

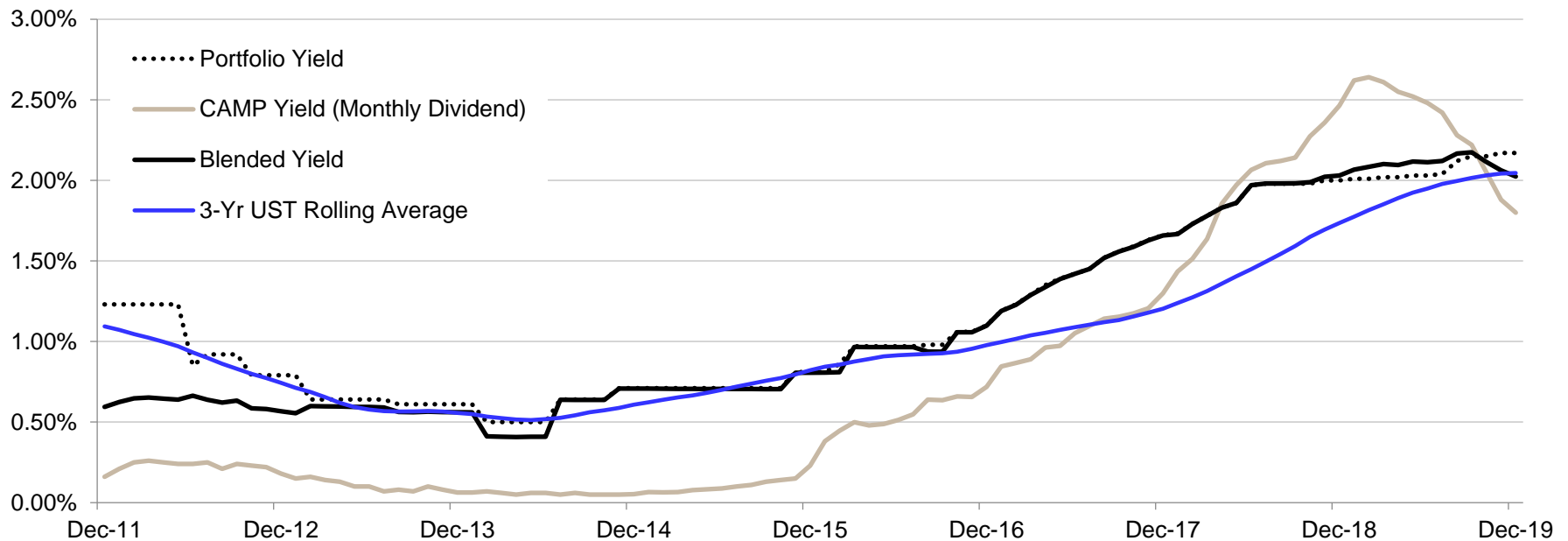
Book Value Earnings	3/31/19	6/30/19	9/30/19	12/31/19	TOTALS
Interest Earned	\$46,153	\$46,985	\$48,015	\$47,113	\$188,266
Change in Value	\$1,492	\$1,837	\$1,745	\$1,547	\$6,621
Portfolio Earnings	\$47,645	\$48,822	\$49,760	\$48,660	\$194,887
CAMP Dividends	\$6,249	\$9,478	\$13,347	\$16,455	\$45,529
Total Earnings	\$53,894	\$58,300	\$63,107	\$65,115	\$240,416



Yield Comparison

- With no new investments, the managed portfolio's yield remains relatively unchanged.
- Short-term rates fell sharply during 2019 driven by cuts in the federal funds target rate.

Portfolio Yield Comparison History
December 2011 – December 2019



Treasury Yield Source: U.S. Department of the Treasury.



CAMP Monthly Dividend Yield History: Disclosures

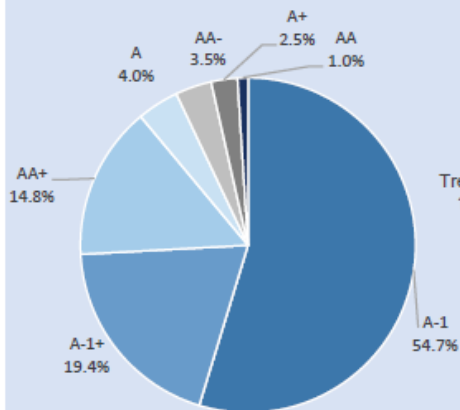
- CAMP's Current Annualized Yield: 1.78%, as of December 31, 2019. Past performance is not indicative of future results and yields may vary. The "current annualized yield" of the Pool may, from time to time, be quoted in reports, literature and advertisements published by the Trust. Current annualized yield represents the net change, exclusive of capital changes and income other than investment income, in the value of a hypothetical account with a balance of one share (normally \$1.00 per share) over a seven-day base period expressed as a percentage of the value of one share at the beginning of the seven-day period. This resulting net change in account value is then annualized by multiplying it by 365 and dividing the result by 7.
- The Trust also may publish a "monthly distribution yield." The monthly distribution yield represents the net change in the value of a hypothetical account with a value of one share (normally \$1.00 per share) resulting from all dividends declared during a month by the Pool expressed as a percentage of the value of one share at the beginning of the month. This resulting net change is then annualized by multiplying it by 365 and dividing it by the number of calendar days in the month.
- *This information is for institutional investor use only, not for further distribution to retail investors, and does not represent an offer to sell or a solicitation of an offer to buy or sell any fund or other security. Investors should consider the Trust's investment objectives, risks, charges and expenses before investing in the Trust. This and other information about the Trust is available in the Trust's current Information Statement, which should be read carefully before investing. A copy of the Trust's Information Statement may be obtained by calling 1-800-729-7665 or is available on the Trust's website at www.camponline.com. While the Trust seeks to maintain a stable net asset value of \$1.00 per share, it is possible to lose money investing in the Trust. An investment in the Trust is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Shares of the Trust are distributed by **PFM Fund Distributors, Inc.**, member Financial Industry Regulatory Authority (FINRA) (www.finra.org) and Securities Investor Protection Corporation (SIPC) (www.sipc.org). PFM Fund Distributors, Inc.. is a wholly owned subsidiary of PFM Asset Management LLC.*



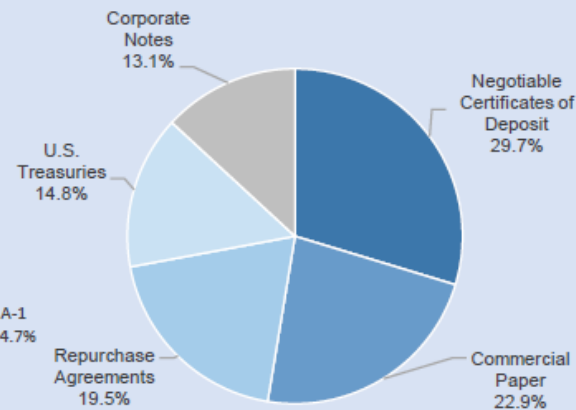
CAMP Fact Sheet Excerpt as of December 31, 2019

Fund Diversification as of December 31, 2019

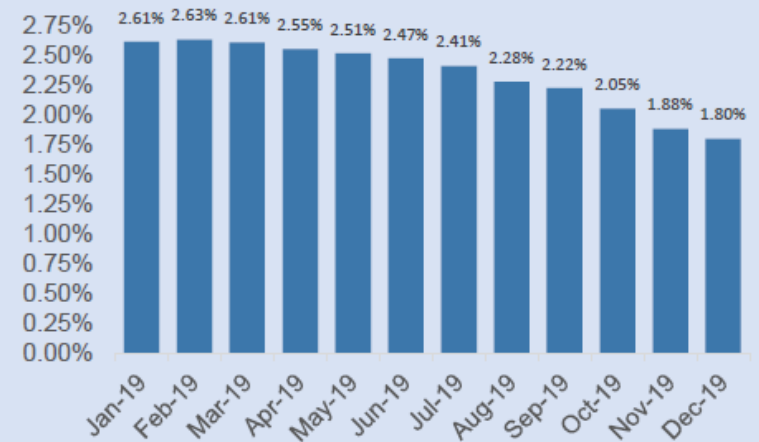
Credit Quality Distribution
(Standard & Poor's Fund Ratings)



Sector Composition



Performance (30-Day Net Yield⁵ %)



Source: www.camponline.com



CAMP Fact Sheet Excerpt as of December 31, 2019 – continued

¹7-day net yield, also known as the current annualized yield, represents the net change, exclusive of capital changes and income other than investment income, in the value of a hypothetical account with a balance of one share (normally \$1.00 per share) over a seven-day base period expressed as a percentage of the value of one share at the beginning of the seven-day period. This resulting net change in account value is then annualized by multiplying it by 365 and dividing the result by 7.

² The monthly distribution yield represents the net change in the value of a hypothetical account with a value of one share (normally \$1.00 per share) resulting from all dividends declared during a month by the Pool expressed as a percentage of the value of one share at the beginning of the month. This resulting net change is then annualized by multiplying it by 365 and dividing it by the number of calendar days in the month.

³ Weighted Average Maturity: Calculated by the final maturity for a security held in the portfolio and the interest rate reset date. This is a way to measure a fund's sensitivity to potential interest rate changes.

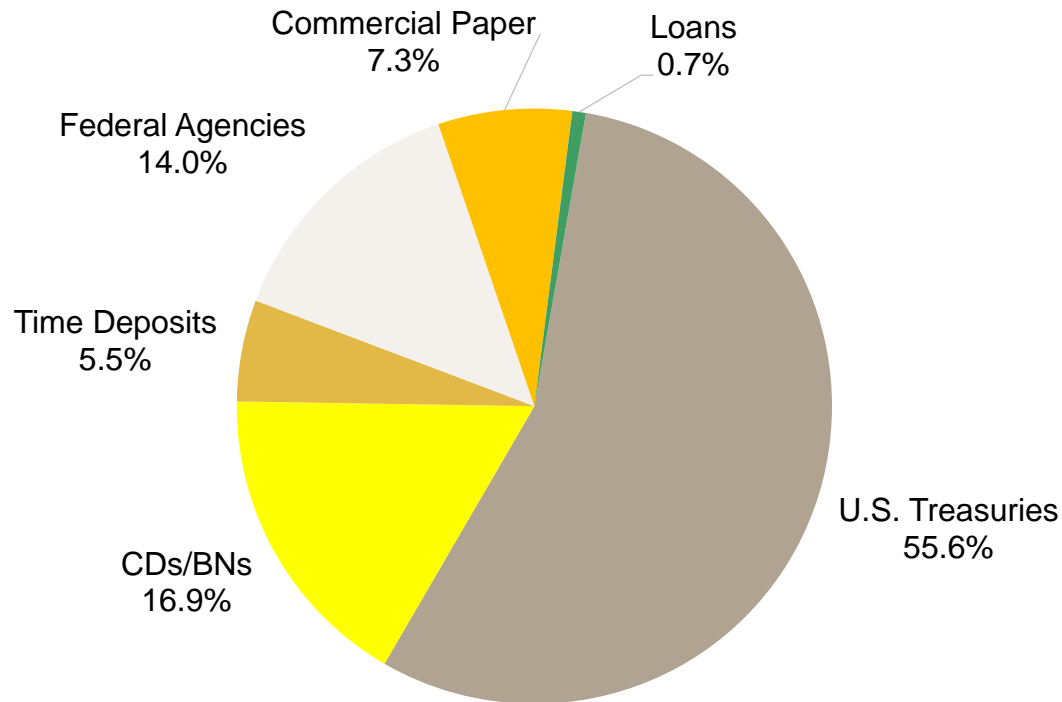
⁴ Standard & Poor's fund ratings are based on analysis of credit quality, market price exposure, and management. According to Standard & Poor's rating criteria, the AAAM rating signifies excellent safety of investment principal and a superior capacity to maintain a \$1.00 per share net asset value. However, it should be understood that the rating is not a "market" rating nor a recommendation to buy, hold or sell the securities. For a full description on rating methodology, visit Standard & Poor's website (http://www.standardandpoors.com/ratings/en_US/web/quest/home).

⁵As of the last day of the month. The 30-day yield represents the net change, exclusive of capital changes and income other than investment income, in the value of a hypothetical account with a balance of one share (normally \$1.00 per share) over a thirty-day base period expressed as a percentage of the value of one share at the beginning of the thirty-day period. This resulting net change in account value is then annualized by multiplying it by 365 and dividing the result by 30.



LAIF Characteristics as of November 30, 2019

Pooled Money Investment Account Sector Distribution \$86.9 Billion as of November 30, 2019



Average Maturity: 226 days, as of December 31, 2019

Source: http://www.treasurer.ca.gov/pmia-laif/performance/PMIA-LAIF_perform.pdf



Disclosures

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RESOLUTION NO. 20-1-4

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE ELTORO WATER DISTRICT
ESTABLISHING DATE, TIME, AND PLACE OF
REGULAR BOARD MEETINGS AND
BOARD/ENGINEERING & FINANCE/INSURANCE COMMITTEE
MEETINGS OF THE BOARD OF DIRECTORS
FOR CALENDAR YEAR 2020**

RESOLVED, that Resolution No. 19-11-1 re-establishing the District's regular meeting place, date and time is hereby rescinded effective January 23, 2020; and

RESOLVED FURTHER, that the Regular 2020 Board meetings and Board/Engineering & Finance/Insurance Committee meetings of the Board of Directors of the El Toro Water District shall be held at the Administrative Offices of the El Toro Water District located at 24251 Los Alisos Boulevard, El Toro, California as set forth in Attachment "A" to this Resolution unless otherwise changed by this Board by appropriate Resolution:

RESOLVED FURTHER, that in 2020, the Standing Advisory Committees set forth in Attachment "B" shall be held on the dates/times in Attachment "B" to this Resolution, unless otherwise changed from time to time by the Chairman of the Committee.

ADOPTED, SIGNED AND APPROVED, this 23rd day of January 2020.

MARK L. MONIN, President
El Toro Water District and of the
Board of Directors thereof

(SEAL)

ATTEST:

DENNIS P. CAFFERTY, Secretary
El Toro Water District and of
the Board of Directors thereof

ETWD SCHEDULED MEETINGS 2020
EFFECTIVE JANUARY 23, 2020

REGULAR BOARD MEETINGS

Attachment “A” to Resolution No. 20-1-4

Board & E & F/I Committee Meetings (1)

Board Meetings

1.	January 21, Tuesday	7:30 a.m.	January 23, Thursday	7:30 a.m.
2.	February 24, Monday	7:30 a.m.	February 27, Thursday	7:30 a.m.
3.	March 23, Monday	7:30 a.m.	March 26, Thursday	7:30 a.m.
4.	April 20, Monday	7:30 a.m.	April 23, Thursday	7:30 a.m.
5.	May 26, Tuesday*	7:30 a.m.	May 28, Thursday	7:30 a.m.
6.	June 22, Monday	7:30 a.m.	June 25, Thursday	7:30 a.m.
7.	July 20, Monday	7:30 a.m.	July 23, Thursday	7:30 a.m.
8.	August 24, Monday	7:30 a.m.	August 27, Thursday	7:30 a.m.
9.	September 21, Monday	7:30 a.m.	September 24, Thursday	7:30 a.m.
10.	October 19, Monday	7:30 a.m.	October 22, Thursday	7:30 a.m.
11.	November 23, Monday	7:30 a.m.	November 24, Tuesday*	7:30 a.m.
12.	December 14, Monday	7:30 a.m.	December 17, Thursday	7:30 a.m.

(1) Engineering & Finance/Insurance Committee (E & F/I Committee)

NOTE: Meeting date changes due to Memorial Day, Thanksgiving, and Christmas.

STANDING ADVISORY COMMITTEES
Attachment “B” to Resolution No. 20-1-4

AGENDA REVIEW MEETINGS (at 7:30 a.m.)

1. January 13, Monday
2. February 18, Tuesday*
3. March 16, Monday
4. April 13, Monday
5. May 18, Monday
6. June 15, Monday
7. July 13, Monday
8. August 17, Monday
9. September 14, Monday
10. October 12, Monday
11. November 16, Monday
12. December 7, Monday

REGIONAL RECLAMATION COMMITTEE

MEETINGS @ 10:00 a.m.**

1. January 7, Tuesday
2. February 4, Tuesday
3. March 3, Tuesday
4. March 31, Tuesday
5. May 5, Tuesday
6. June 2, Tuesday
7. June 30, Tuesday
8. August 4, Tuesday
9. September 1, Tuesday
10. September 29, Tuesday
11. November 3, Tuesday
12. December 1, Tuesday

COMMUNITY ADVISORY GROUP

MEETINGS @ 11:30 a.m.

1. February 13, Thursday
2. May 14, Thursday
3. August 13, Thursday
4. November 12, Thursday

*Meeting moved to Tuesday due to Presidents Day holiday.

** Meeting dates subject to change depending on SOCWA's Board meeting dates
or at the Direction of the General Manager.

RESOLUTION NO. 20-1-5

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
EL TORO WATER DISTRICT
MODIFYING STANDING AND EXTERNAL
ORGANIZATION BOARD AND STAFF ASSIGNMENTS
FOR CALENDAR YEAR 2020

WHEREAS, the Board of Directors of the EL TORO WATER DISTRICT deems it to be in the best interest of the District to modify the President's appointment of Board and Staff to Standing and External Organization assignments; and

WHEREAS, said list of appointments is attached hereto marked Exhibit "A," and made part of this Resolution.

NOW, THEREFORE, IT IS HEREBY RESOLVED that the Board of Directors of the EL TORO WATER DISTRICT hereby confirms the adding of Board/Staff to Standing Committee and External Organization assignments as listed in Exhibit "A".

ADOPTED, SIGNED AND APPROVED this 23rd day of January 2020.

MARK L. MONIN, President
El Toro Water District and the
Board of Directors thereof

(SEAL)

ATTEST:

DENNIS P. CAFFERTY, Secretary
El Toro Water District and the
Board of Directors thereof

BOARD/STAFF MEMBER ORGANIZATIONAL AND STANDING COMMITTEE ASSIGNMENTS – 2020

<u>ORGANIZATION</u>	<u>REPRESENTATIVE</u>	<u>ALTERNATE</u>	<u>FREQUENCY</u>
WACO Planning	Monin	Vergara	Monthly
WateReuse	Vergara	Havens	Bi-Monthly
SOCWA Board	Freshley	Gaskins	Monthly
SOCWA Finance	Cafferty	Freshley	Monthly
ISDOC	Monin	Gaskins	Monthly
LAFCO	Freshley	Gaskins	As Required
JPIA	Freshley	Gaskins	Semi-Annual
MWDOC Board	Monin	Vergara	Monthly
MWDOC Finance	Monin	Vergara	Monthly
MWDOC Public Affairs	Gaskins	Havens	Monthly
MWDOC Plan & Ops	Freshley	Vergara	Monthly
SAC	Freshley	Gaskins	Semi-Annual
South Co. Watershed Exec	Havens	Freshley	As Required
South OC Water Agencies Grp	Vergara	Monin	Bi-Monthly
Lake Forest Chamber of Commerce	Vergara	Monin	As Required
<u>ETWD COMMITTEE</u>	<u>CHAIRMAN</u>	<u>ALTERNATE</u>	<u>FREQUENCY</u>
Agenda Review	Monin	Gaskins	Monthly
Engineering	Freshley	Vergara	Monthly (Full Board)
Finance/Insurance Committee (FIC)	Vergara	Freshley	Monthly (Full Board)
Community Advisory Group (CAG)	Havens	Gaskins	Quarterly
Regional Reclamation Committee (RRC)	Freshley	Gaskins	Monthly
Computer Technology	Freshley	Gaskins	Annual/As Required
Audit Committee	Monin	Freshley	Annual/As Required
Budget Committee	Freshley	Monin	Annual/As Required
HR Committee	Gaskins	Monin	Annual/As Required
WQ Committee	Vergara	Havens	Annual/As Required

DIRECTORS WILL NOT BE COMPENSATED FOR ATTENDING MEETINGS NOT LISTED UNLESS AUTHORIZED BY THE BOARD PRESIDENT, WITH THE EXCEPTION OF OCWA, WACO, CAG, ISDOC Quarterly Luncheon, MWDOC Quarterly Policy Forum events, MWDOC/Met Directors, MWDOC Elected Officials Forum, So Cal Water Committee, South Orange County Economic Coalition, City Council meetings in the 5 cities served by the District, Supervisor/Congressmen meetings in the areas served by the District.

RESOLUTION NO. 20-1-6

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
AMENDING DISTRICT MEETING ROOMS USE POLICY

WHEREAS, the facilities at the District's administrative offices, located at 24251 Los Alisos Blvd, Lake Forest, CA 92630, include the meeting room for the Board of Directors and the Mult-Purpose Room in the Field Administration Office ("Meeting Rooms"). In addition to being used by the Board of Directors, the Meeting Rooms are used by the District's staff for other activities of the District; and

WHEREAS, from time to time, the District has received requests from various outside organizations for use of the Meeting Rooms for holding meetings and other functions. As the governing body of the District, the Board of Directors has the authority to set terms and conditions for use of the Meeting Rooms by an outside organization; and

WHEREAS, the District previously adopted, by Resolution No. 18-4-1, a policy regarding use of the Meeting Rooms by outside organizations when the Meeting Room is not being used for District purposes and its use by an outside organization would not interfere with District activities; and

WHEREAS, the Board of Directors of the El Toro Water District deems it to be in the best interest of the District to amend the Meeting Rooms Use Policy; and

WHEREAS, the Board of Directors of the El Toro Water District has reviewed the amended policy as set forth in Exhibit "A" which is attached hereto and incorporated by this reference.

NOW THEREFORE, BE IT RESOLVED, as follows

1. RESOLVED, that the Board of Directors of the El Toro Water District does hereby adopt the Meeting Rooms Use Policy, as amended and set forth in Exhibit "A", which is attached hereto, effective January 23, 2020.
2. RESOLVED FURTHER, that the action taken herein is exempt from the requirement of the California Environmental Quality Act (CEQA). Reference: Section 21080 of the Public Resources Code.

ADOPTED, SIGNED, AND APPROVED this 23rd day of January 2020

MARK L. MONIN, President
Of the El Toro Water District
And the Board of Directors thereof

ATTEST:

DENNIS P. CAFFERTY, Secretary
Of the El Toro Water District
And the Board of Directors thereof

DISTRICT MEETING ROOMS USE POLICY

Section 1. The Meeting Rooms may be used by individuals, nonprofit corporations/associations, or other outside organizations or groups that were formed, and are primarily operating, for a purpose other than for profit ("Organization").

Section 2. An Organization shall make a request to use the Meeting Rooms by completing an application provided by the District ("Application"). An example of the Application is attached hereto marked Exhibit "A". The Application may be requested over the phone at (949) 837-7050, by mail at P.O. Box 4000 Laguna Hills, CA 92654, or in person at the District's administrative offices. A request for use will only be granted to persons 21 years and older. The person signing the Application must be present at the event.

Section 3. The Board hereby delegates to the General Manager, or a representative or agent of the General Manager as so deemed by the General Manager, the authority to implement this Policy for the management, direction, and control of the Meeting Rooms. The Policy shall be comprised of the terms and conditions of this Resolution, the Application, and the Schedule of Costs referred to in Section 10 below.

Section 4. The General Manager shall notify an Organization in the event of a submitted Application is incomplete and shall state what information is needed in order for said Application to be deemed complete.

Section 5. Upon receipt of a completed Application, the General Manager shall determine whether the Meeting Rooms are an appropriate facility for the proposed use and if so, whether the Meeting Rooms are available on the requested date and time. The General Manager shall determine whether the Organization and the proposed use meet the Policy's standards.

Section 6. Meeting Rooms may be used after District regular business hours, Monday through Friday from 4:00 p.m to 10:00 p.m. Meeting rooms are also available on Saturday and Sunday from 9:00 a.m. to 9:00 p.m. Exceptions to this schedule must be approved by the General Manager.

Section 7. The maximum allowed in the Multipurpose Room in the Field Administration Office is 84 persons. The maximum allowed in the Board of Directors Room is 30 persons.

Section 8. In the event the Organization is granted use of the Meeting Rooms, the Organization shall be notified of the time period for use and the amount of the charge. The General Manager shall determine the terms for payment which in most cases, shall require payment of the total costs in advance of the use. The Organization shall also be notified in the event a request is rejected and the basis for said rejection.

Section 9. The charging of fees by users of the meeting rooms and the solicitation of contributions are each prohibited. In addition, no products or services may be sold on the premises. No District meeting rooms may be used for political activities including but not limited to political campaigning or fundraising. The District Meeting Rooms may be used as a Voting Center by the Orange County Registrar of Voters with the approval of the General Manager.

Section 10. No alcohol is permitted on the premises. No firearms are permitted on the premises. Smoking is prohibited inside and outside (within 20 feet of an exit or entrance). Animals will not be permitted in the meeting rooms unless they are a service animal accompanying a person with a disability.

Section 11. A clean-up deposit will be required prior to use of the Meeting Rooms. The Meeting Rooms must be cleaned up and left in the same condition as found; all furniture and fixtures in the room are to remain in place. Portable furniture may be moved to accommodate the Organization's needs but must be restored to its original location by the Organization. If an Organization fails to do so, the actual cost will be deducted from the clean-up deposit.

Section 12. In the event the General Manager determines that an approved use is interfering, or will interfere, with the District's activities, the Organization shall cease use of the Meeting Rooms. Upon completion of the District's particular activities, the Organization may be allowed to resume its use.

Section 13. A District employee or employees will be required to be present during the Organization's use of the Meeting Rooms- -to oversee the use of the Meeting Rooms as well as to safely direct traffic and parking as deemed necessary by the General Manager. The General Manager will determine the number of employees to be present. The charge imposed for use of the Meeting Rooms shall include an amount to cover the District's employee's involvement. The District reserves the right to full access by its personnel to all activities at any time in order to ensure the Policy is being observed.

Section 14. The charge to be imposed for use of the Meeting Rooms shall be pursuant to the Schedule of Costs attached hereto marked Exhibit "B". The Schedule of Costs sets forth calculations of the costs for use of the Meeting Rooms which are reflected in the amount imposed on the Organization. Said costs may include the costs of supplies, utilities, security janitorial services, services of any other District employees or representatives, and salaries paid District employees necessitated by the Organization's use of the Meeting Rooms and accompanying facilities and grounds. The Board may elect to change the amount, or other terms of the charge, by adopting amendments or revisions to Exhibit "B".

Section 15. Pursuant to California law, the Meeting Rooms shall not be used in a manner that would prohibit the admittance of any person, or persons, on the basis of race, religions creed, color, national origin, ancestry, or sex, or which would make the

Meeting Rooms inaccessible to disabled persons, or where members of the public may not be present without making payment or purchase. In addition, the general public may not be excluded from attending any meetings or other functions of an Organization during its use of the Meeting Rooms.

Section 16. An Organization shall be solely responsible for any and all injuries, damages, and claims to persons or property arising out of its use of the Meeting Rooms. An Organization shall defend, hold harmless, and indemnify the District or its Directors, Officers, employees or volunteers against any and all such injuries, damages, and claims. This indemnification shall not be restricted to any insurance proceeds. The District is not responsible for the loss, damage, or theft of equipment or articles owned by an Organization. Any person or Organization causing damage to District property or equipment will be required to pay for same based on current cost, repair, or replacement.

Section 17. An Organization shall provide and maintain:

- A) General Liability - General Liability Coverage including property damage, bodily injury and personal & advertising injury with limits of at least two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater. If Commercial General Liability Insurance or other form with a general aggregate limit, either the general aggregate limit shall apply separately to the project/location or insurer's equivalent endorsement provided to El Toro Water District or the general aggregate limit shall be twice the required occurrence limit.
- B) Automobile Liability - Auto Coverage covering any auto with limit of one million dollars (\$1,000,000) for bodily injury and property damage each accident.
- C) Workers' Compensation Insurance -. The Event Holder shall provide workers' compensation coverage as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease. Waiver of Subrogation: The insurer(s) named above agree to waive all rights of subrogation against the El Toro Water District, its directors, officers, employees, and authorized volunteers for losses paid under the terms of this policy which arise from work performed by the Named Insured for the Agency, but this provision applies regardless of whether or not the El Toro Water District has received a waiver of subrogation from the insurer.

The District, its Officers employees or agents shall be named as additional insureds. An Organization shall provide the District with a Certificate of Insurance and additional insured endorsement before use of the Meeting Room. Any insurance, self-insurance or other coverage maintained by the District shall not contribute to it. Coverage is to be placed with a carrier with an A.M. Best rating of at least A-:VII.

APPLICATION FOR USE OF THE EL TORO WATER DISTRICT MEETING ROOMS

1. Name, Address, Phone number of Applicant

Name/Organization: _____

Address: _____

Phone Number: _____

- a. Structure/Other Description of Applicant

2. Proposed Use, Meeting, Function

- a. Requested Special Arrangements, if any

- b. Estimated Number of Participants: _____

3. Proposed Date and Time/Duration of Use

Date: _____ Time: _____ until _____

4. Name, Address, and Cell Phone Number of Contact Person(s). (This person(s) may be contacted in regard to this Application and must also be available before, during, and after the proposed meeting or function.)

Contact Name: _____

Address: _____

Cell Phone Number: _____

The Policy regarding the use of the Meeting Rooms, is set forth in District Resolution No. 20-1-6, a copy of which is attached to this Application. An Applicant should familiarize itself with the provisions of the Resolution prior to submitting this Application.

Applicant shall be solely responsible for any and all injuries, damages, and claims to persons or property arising out of its use of the Meeting Rooms. Applicant shall defend, hold harmless, and indemnify the District or its Directors, Officers, employees or volunteers against any and all such injuries, damages, and claims. This indemnification shall not be restricted to any insurance proceeds. Applicant must attach to this Application the Certificate of Insurance and additional insured endorsement as required by Resolution No. 20-1-6.

By signing below, Applicant represents and agrees that the information provided herein is accurate and that in the event use of the Meeting Room is granted, Applicant shall abide by the Terms and Conditions of the Policy as set forth in Resolution No. 20-1-6.

Applicant

Date

SCHEDULE OF COSTS FOR USE OF THE EL TORO WATER DISTRICT MEETING ROOMS

AS OF JANUARY 23, 2020

The charge for use of the Meeting Rooms shall be \$50.00 per day of use, plus an additional charge of \$~~40~~50.00 per hour, per District Employee, in the event ~~a-any~~ District employees or representatives ~~is~~are required to be involved. The requirement for the involvement of District employees and the number of District employees involved shall be at the sole discretion of the General Manager. Such an hourly charge will not be pro-rated for less than an hour.

The amount of the cleaning deposit (refundable) is \$100.00. A single deposit may be made and held by the District, to apply to continuing uses over a period of time, for as long as the Meeting Room is left in a neat, clean, and undamaged condition after each use.

GENERAL MANAGER'S REPORT

January 2020

I. OFFICE OF THE GENERAL MANAGER

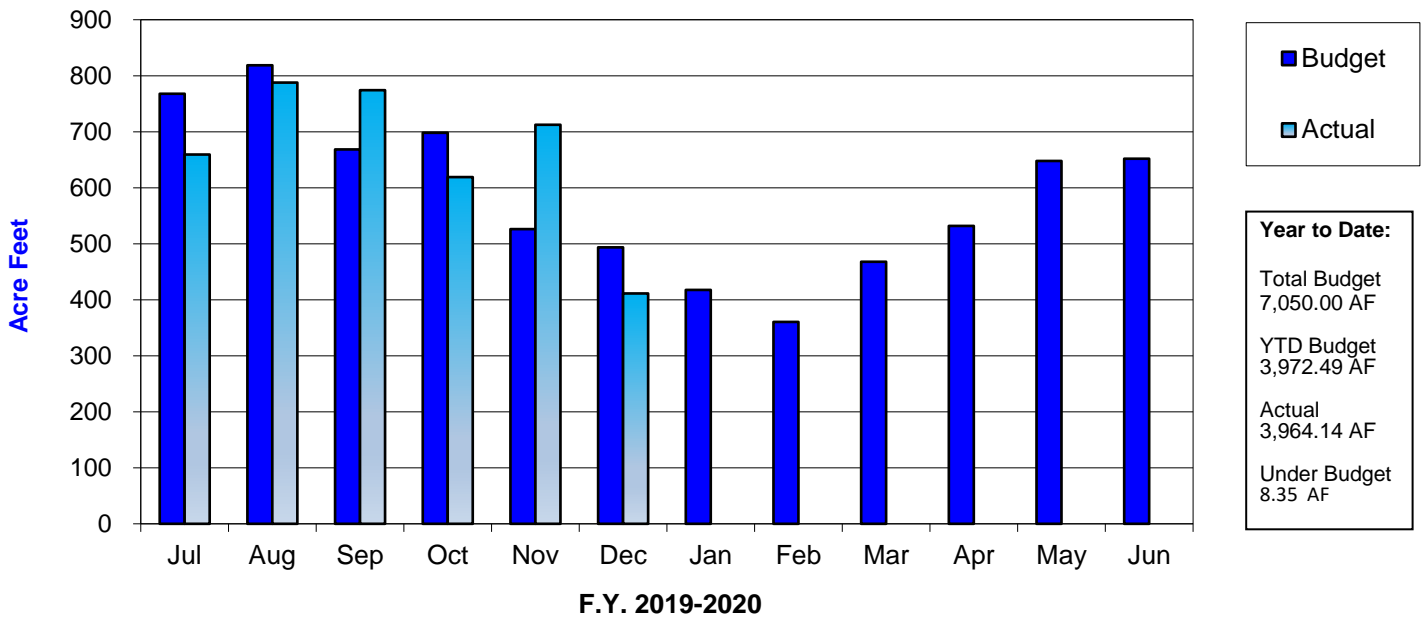
- Attended SOCWA Task Force Meeting at MNWD
- Attended Meeting with Brady Regarding Filtration Plant Project
- Attended RRC Meeting
- Attended SOCWA Board Meeting
- Attended Chair/GM Meetings
- Attended Agenda Review Meeting
- Attended Engineering/Finance Committee Meeting
- Attended Meeting with Fernando Paludi and Michael Perea of TCWD
- Attended Regular Board Meeting
- Attended Meeting with Ed Means
- Attended Strategic Plan Management Workshop
- Attended Meeting with Merlone Geier Regarding Laguna Hills Mall Redevelopment
- Attended Meeting with Raftelis
- Attended OCWA Luncheon
- Attended Meeting with OCHCA and DDS Regarding Recycled Water Retrofits
- Attended Staff Budget Kickoff Meeting

II. DOMESTIC AND RECYCLED WATER SALES

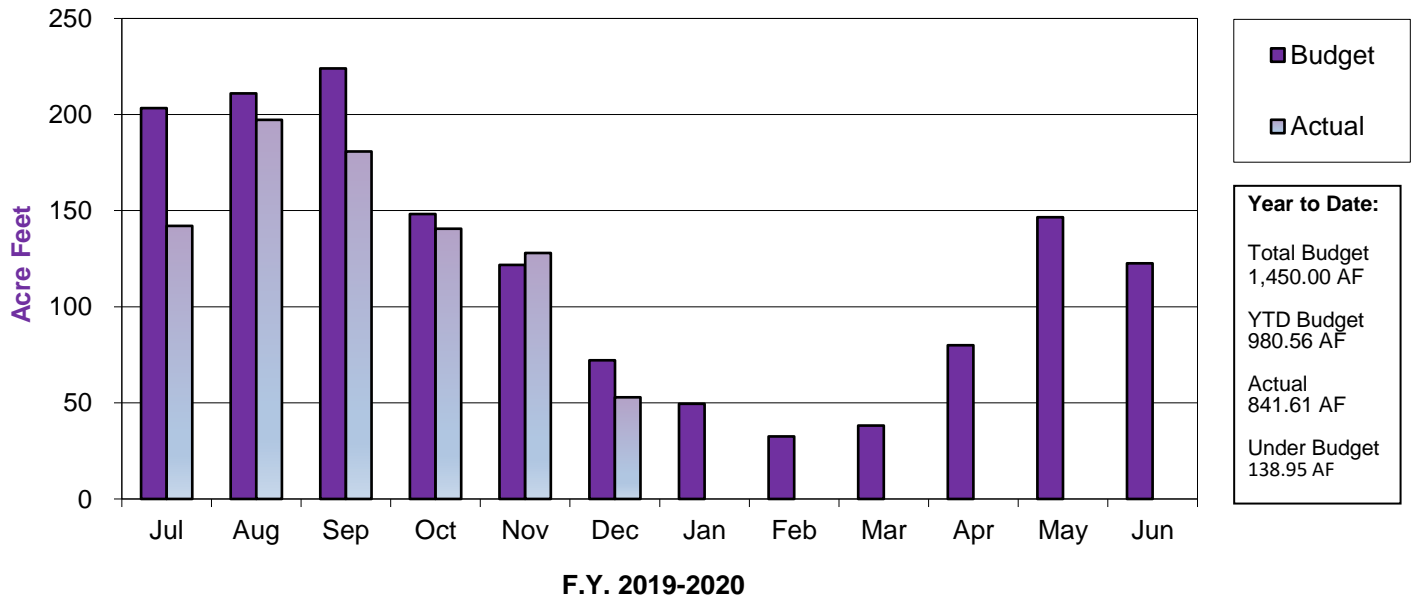
Actual domestic sales for the year-to-date as of December 31, 2019 are 3,964.14 acre-feet. This compares to year-to-date budgeted domestic sales of 3,972.49 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 8.35 acre-feet. Actual sales are 73.89 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of December 31, 2019 are 841.61 acre-feet. This compares to year-to-date budgeted recycled sales of 980.56 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 138.95 acre-feet. Actual sales are 6.16 acre-feet lower than last year-to-date actual sales for the same period.

POTABLE WATER SALES



RECYCLED WATER SALES



Customer Service Activity Report

Regular Service Calls	DEC 2019	DEC 2018	Telephone Calls	DEC 2019	DEC 2018
Serviceman Dispatched to Read, Connect/Disconnect Service	81	78	Change of Service: Connections and Disconnections	74	79
Field Investigations:			Billing / Payments & Graph Inquires	270	279
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	57	95
Customer Responsible	23	25	Variance / Adjustment Inquiries	40	36
District Responsible	6	6	Variance / Adjustment Requests	8	7
None found/other	17	21	Processed		
High Reads Checked - High Consumption (Billing Dept.)	52	17	Ordinance Infraction / Water Waste Complaints	1	0
Cust Leaks: _24_ No Leaks: _28_					
Check Stopped Slowed Meters-Low Consumption (Billing)	26	11	Outside Utility Districts	59	59
Re-Check Read	8	13	Phone calls Transfer to other Departments within ETWD	55	75
Ordinance Infraction	2	0	Phone calls for the Board of Directors	1	0
Recycled Water	0	0	Recycled Water	2	0
Water Quality: Taste / Odor / Color	3	2	Water Quality Taste - Odor - Color	1	2
Phone response: _1_ Field response: _2_			Leaks / Breaks	17	26
Flooding (Hydrant) Meters issued	0	2	Flooding Meter calls (Hydrant)	0	2
Sewer - Odor/Stoppage/ Manhole Covers	2	9	Sewer Problems (odor / spills)	1	13
Meter Box: Lids / Covers Replaced	36	34			
Meter Box Clean, Digout	16	8	Backflow / Cross Connection (questions or yearly testing forms)	0	0
			ETWD facilities inquiries:		
Raised Meter Box	2	0	Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	7	3
Trim Bushes / Meter Obstruction	78	7			
General Maintenance Response	4	7	Tyco (ADT) Calls (Alarms to ETWD facilities)	0	1
Fire Hydrants: Hit / Leaks / Caps	1	0	ATT Calls (access to tower sites)	0	0
Pressure(psi) Checks / Reads	4	0	SCE Calls (access to tower sites)	0	2
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	4	6	Pager Calls specifically for Pump Stations - SCADA	0	0
AMS angle-meter-stop replace/repair	2	1			
Bees Removed	2	1	Payment Extensions	49	77
Backflow / Cross Connection	2	0	Delinquent Payment Calls to Customer		
Fogged Registers	16	30	's prior to shut off per billing calendar (automatic courtesy dialer)	66	62
			Return Calls from customers left on our voice mail system. Ext 500	8	18
OMCOP: Old Meter Change - Out Program	4	1	Email Correspondence:	32	56
Other: (uncommon non-maintenance calls)	1	0	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	1	2
On-Call After Hrs. CS Response	16	10	Misc. (other: employment, deliveries, sales calls)	37	43
# 48/24 Hr. Door Hangers Hung	152	168			
# Locked Off For Non-Pay (Disconnect)	13	16			
Removed Meter	1	1			
New Meter	5	5			
Unread Meters	45	26			
Total Field Investigations	624	507	Total Telephone Calls	786	937
Uncollectible Accounts:			Credit Card Payments	DEC 2019	DEC 2018
Budget YTD	\$10,000.00	\$ 10,000.00	REGULAR	824	\$91,496.05
Actual YTD	\$4,907.00	\$399.00	DISCONNECTS	669	\$74,469.47

**EL TORO WATER DISTRICT
MONTHLY POTABLE WATER QUALITY REPORT**

The quality and safety of drinking water in the U.S. is regulated by the federal government through the U.S. Environmental Protection agency (USEPA). In California, those standards are enforced by the California Department of Public Health (CDPH). Water Quality parameters must meet both primary and secondary water quality standards as established by the CDPH.

PRIMARY STANDARDS - are intended to protect public health against substances in the water that may be harmful to humans if consumed for long periods of time.

SECONDARY STANDARDS - are to ensure esthetic qualities of water such as taste, odor or clarity. Rather than its healthfulness, these standards govern substances that may influence consumer acceptance of water.

Given that 100% of ETWD's potable water resource is fully treated and delivered by Metropolitan Water District of southern California (MWDSC) through an enclosed and protected conveyance system, the majority of the State and federal primary and secondary source water quality monitoring requirements are performed by MWDSC. The District's physical responsibility for water quality monitoring is associated with the distribution system. To monitor the distribution system water quality the District utilizes both in house and outside lab services. Routine distribution analysis conforming to CDPH requirements is conducted for the following constituents:

- 1) **Microbiological** - The number of microbiological samples and the frequency of analysis during the month is based on the population and/or service connections served. Utilizing a population of 50,000, the CDPH requires that 20 "representative" samples be collected and analyzed for coliform bacteria. The objective is to maintain water quality that is absent of coliform bacteria which is a general indicator for the existence of fecal coliform.
- 2) **Chlorine Residual** - The chlorine residual monitoring is performed in conjunction with the microbiological monitoring. The CDPH requirement for treated surface water mandates that the distribution system maintain a "detectable" residual. The number of and frequency of sampling is determined utilizing the same formula applied to microbiological requirements. At a minimum, we are obligated to collect and analyze for chlorine residual each time we collect the representative microbiological samples. Per EPA Disinfectants & Disinfection Byproduct Rule (D/DBP), which was effective January 2002, requires quarterly reporting for all sampling.
- 3) **TTHM & HAA5 Stage 2 DBPR Compliance** The U.S. Environmental Protection Agency (EPA) published the Stage 2 Disinfectants and Disinfection Byproducts Rule (Stage 2 DBPR) on January 4, 2006. The Stage 2 DBPR builds on existing regulations by requiring water systems to meet disinfection byproduct (DBP)* maximum contaminant levels (MCLs) at each monitoring site in the distribution system to better protect public health. The Stage 2 DBP rule is intended to reduce potential cancer and reproductive and developmental health risks from disinfection byproducts (DBPs) in drinking water, which form when disinfectants are used to control microbial pathogens. This final rule strengthens public health protection for customers of systems that deliver disinfected water by requiring such systems to meet maximum contaminant levels as an average at each compliance monitoring location (instead of as a system-wide average as in previous rules) for two groups of DBPs, trihalomethanes (TTHM) and five haloacetic acids (HAA5). The rule targets systems with the greatest risk and builds incrementally on existing rules. This regulation will reduce DBP exposure and related potential health risks and provide more equitable public health protection. The Stage 2 DBPR is being released simultaneously with the Long Term 2 Enhanced Surface Water Treatment Rule to address concerns about risk tradeoffs between pathogens and DBPs.

The mandatory requirement under the Stage 2 DBP rule, known as an Initial Distribution System Evaluation (IDSE) was completed by ETWD in 2008 and a Stage 2 monitoring plan has been approved by CDPH. Full Stage 2 compliance begins in 2012. The IDSE identified the locations with high disinfection byproduct concentrations. These locations will then be used by the District as the 8 sampling sites for Stage 2 DBP rule compliance monitoring. Compliance with the maximum contaminant levels for two groups of disinfection byproducts (TTHM and HAA5) will be calculated for each monitoring location in the distribution system. This approach, referred to as the locational running annual average (LRAA), differs from current requirements, which determine compliance by calculating the running annual average of samples from all monitoring locations across the system. The Stage 2 DBP rule also requires each system to determine if they have exceeded an operational evaluation level, which is identified using their compliance monitoring results. The operational evaluation level provides an early warning of possible future MCL violations, which allows the system to take proactive steps to remain in compliance. A system that exceeds an operational evaluation level is required to review their operational practices and submit a report to the state that identifies actions that may be taken to mitigate future high DBP levels, particularly those that may jeopardize their compliance with the DBP MCLs.

- 4) **Physical Quality** - Physical Quality analysis is associated with the esthetic qualities of the finished water. Primarily, we are performing analysis for taste, odor and Turbidity (Clarity). In accordance with CDPH requirements, the District collects a minimum of 15 samples per month.
- 5) **Nitrites** - Although the chloramine disinfection process has been effective in controlling TTHM levels, it requires increased monitoring and adjustment as a result of its susceptibility to the Nitrification process. Nitrification is a biological process caused by naturally occurring ammonia oxidizing bacteria. Nitrification in chloraminated drinking water can have various adverse impacts on water quality, the most serious of which is the loss of total chlorine residual which is required by the CDPH and the subsequent potential to increase bacteria-logical activity within the finished or treated water system. MWD has developed an effective nitrification monitoring and prevention program which ETWD staff have adopted and incorporated into the District's daily water quality monitoring and action plan. The number and frequency of this type of monitoring is not currently regulated by CDPH. Staff monitor the level of nitrites in source water, reservoirs and the distribution system daily and weekly in conjunction with the microbiological and chlorine sampling program. A nitrite level of between 0.015 and 0.030 would signal an alert. > 0.030 would require action such as the addition of chlorine to produce a chloramine residual.

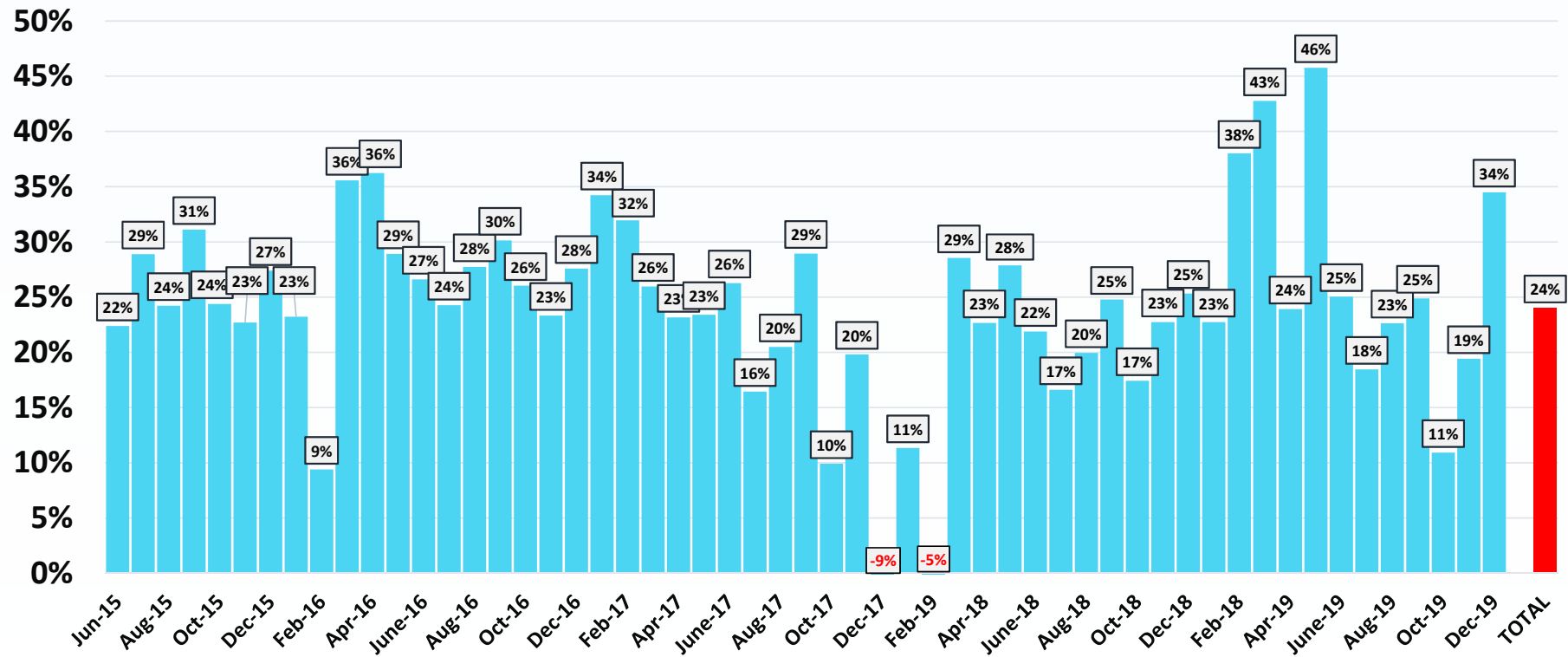
EL TORO WATER DISTRICT MONTHLY POTABLE WATER QUALITY ANALYSIS					
MONTH:		December		YEAR : 2019	
CONSTITUENT ANALYSIS		INSIDE LAB		OUTSIDE LAB	
	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	180(A)	Pres/Absence		Average
2 Chlorine (ppm)	Detectable Resid	281	Average = 1.20 ppm		
3 TTHM (ppb) (Stage 2)	80 ppb		N/A		27.4 ppb
3 HAA5 (ppb) (Stage 2)	60 ppb		N/A		16.9 ppb
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.02 to 0.08		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	62.4°F To 69.0°F		
5 Nitrite (Alert/Action level)ppm	0.015 to 0.030 ppm	113	0.000 to 0.028 Res.		

To ensure water quality compliance, the District annually performs approximately 8,750 water quality analytical evaluations of the samples collected from the distribution system.

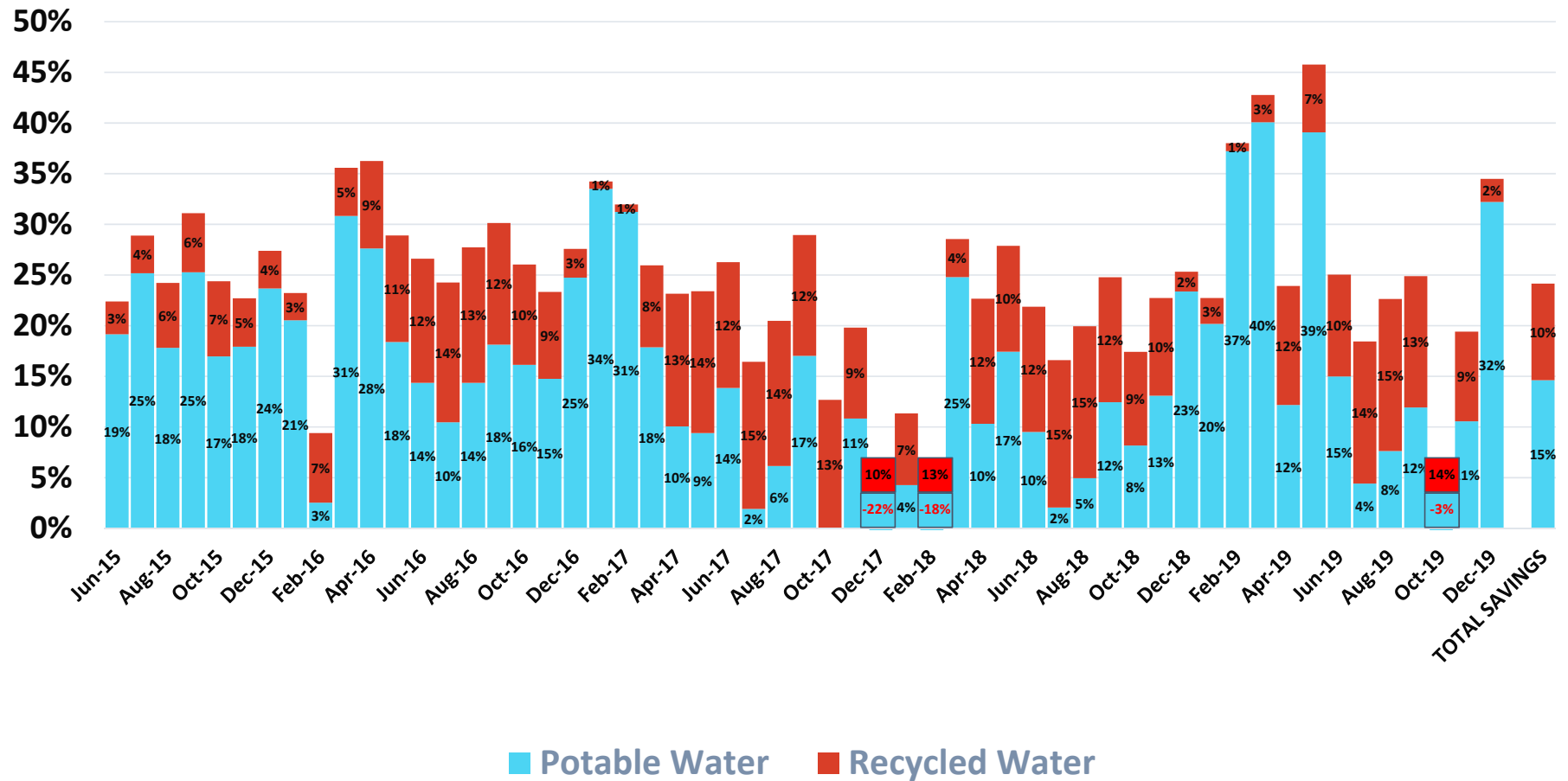
Abbreviations:

RES	Indicates that the nitrification was isolated to a reservoir and treated
ND	None detected
Pres/Absence	Presence (P) or Absence (A) related to a positive or negative bacteriological result
MCL	Maximum Contaminant Level
NTU	Nephelometric Turbidity Units, a measure of the suspended material in the water
ppm	Parts per million
ppb	Parts per billion
Total Coliform	No more than 5% of the monthly samples may be total coliform-positive
N/A	Not available

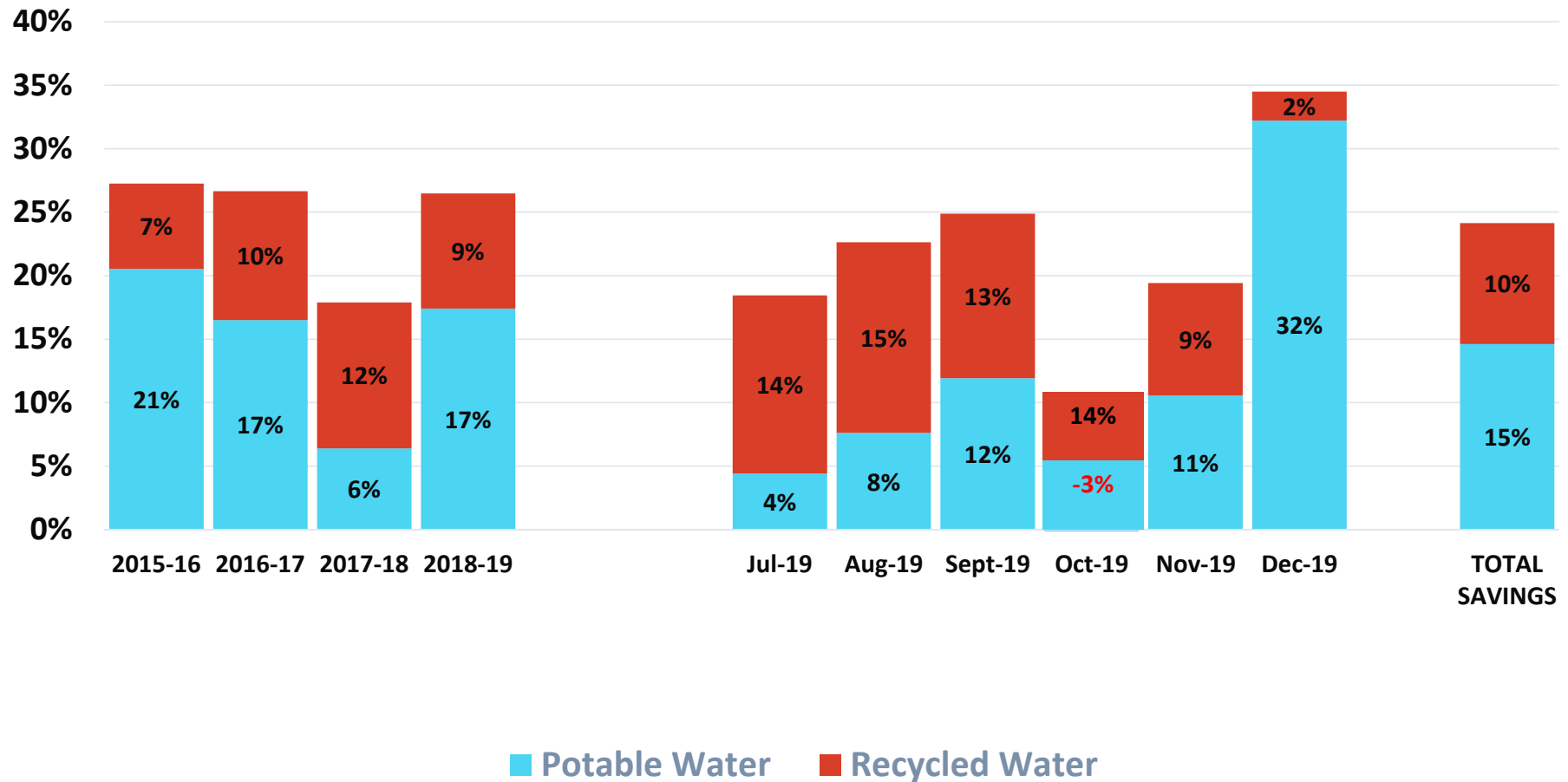
ETWD WATER SAVINGS COMPARED TO 2013



ETWD WATER SAVINGS COMPARED TO 2013

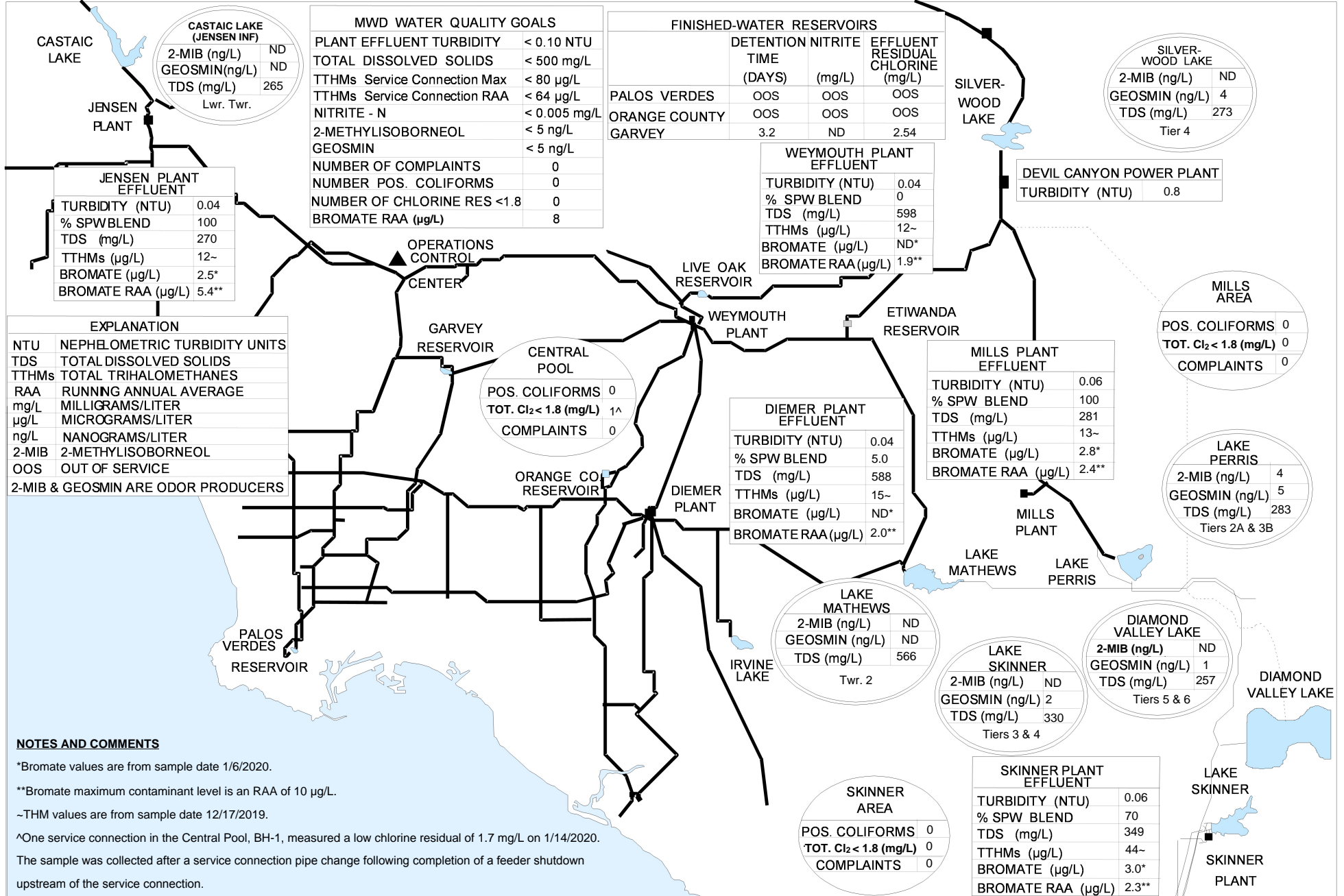


ETWD WATER SAVINGS COMPARED TO 2013



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No violations of State or Federal regulations were recorded during the current period.



WATER QUALITY INFORMATION LINE: (800) 354-4420
VISIT MWD ON THE WEB AT <http://www.mwdh2o.com>

MICROBIOLOGICAL MONITORING

December 2019

PRESSURE ZONE LEGEND

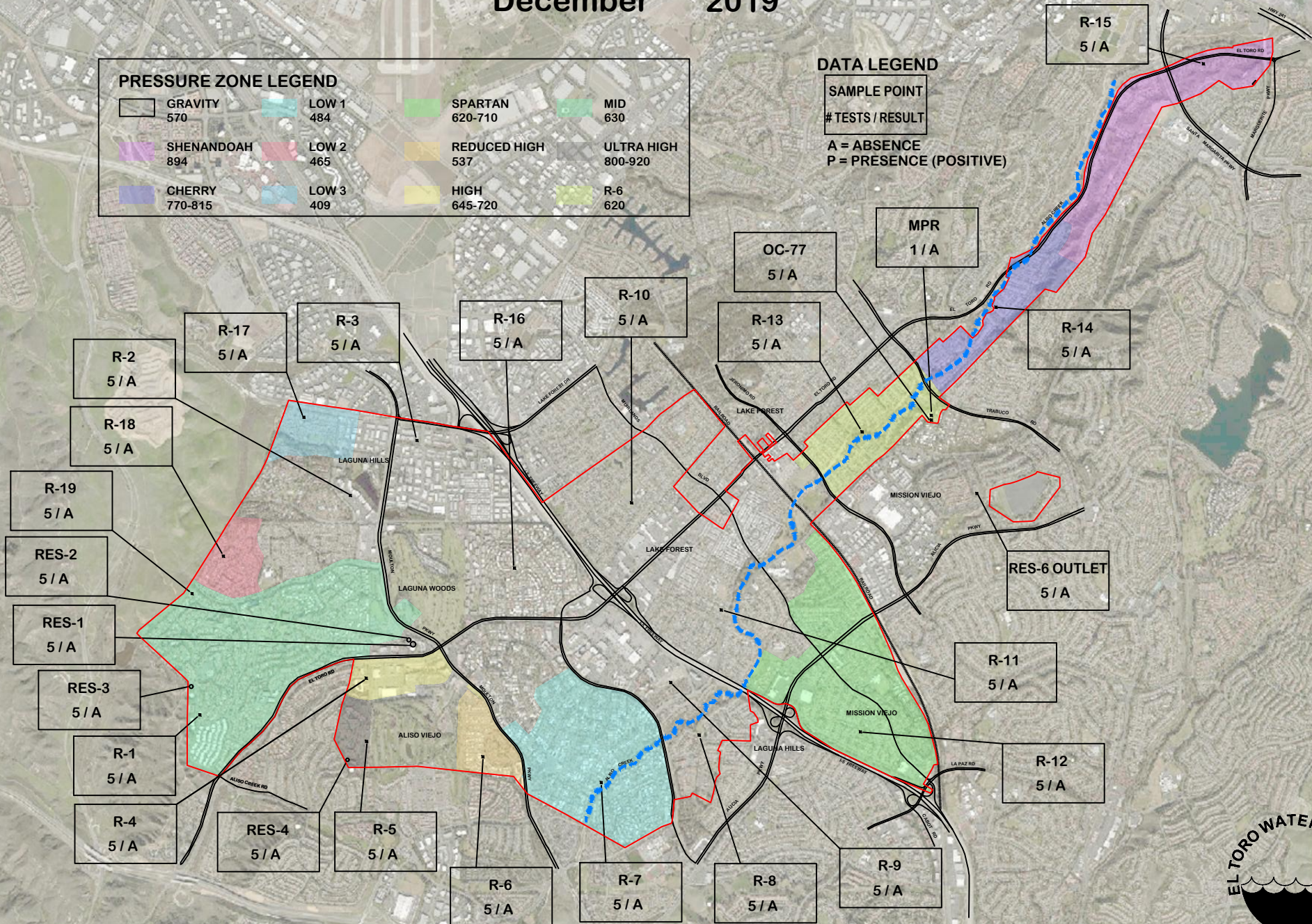
GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

DATA LEGEND

SAMPLE POINT

TESTS / RESULT

A = ABSENCE
P = PRESENCE (POSITIVE)



CHLORINE RESIDUAL MONITORING

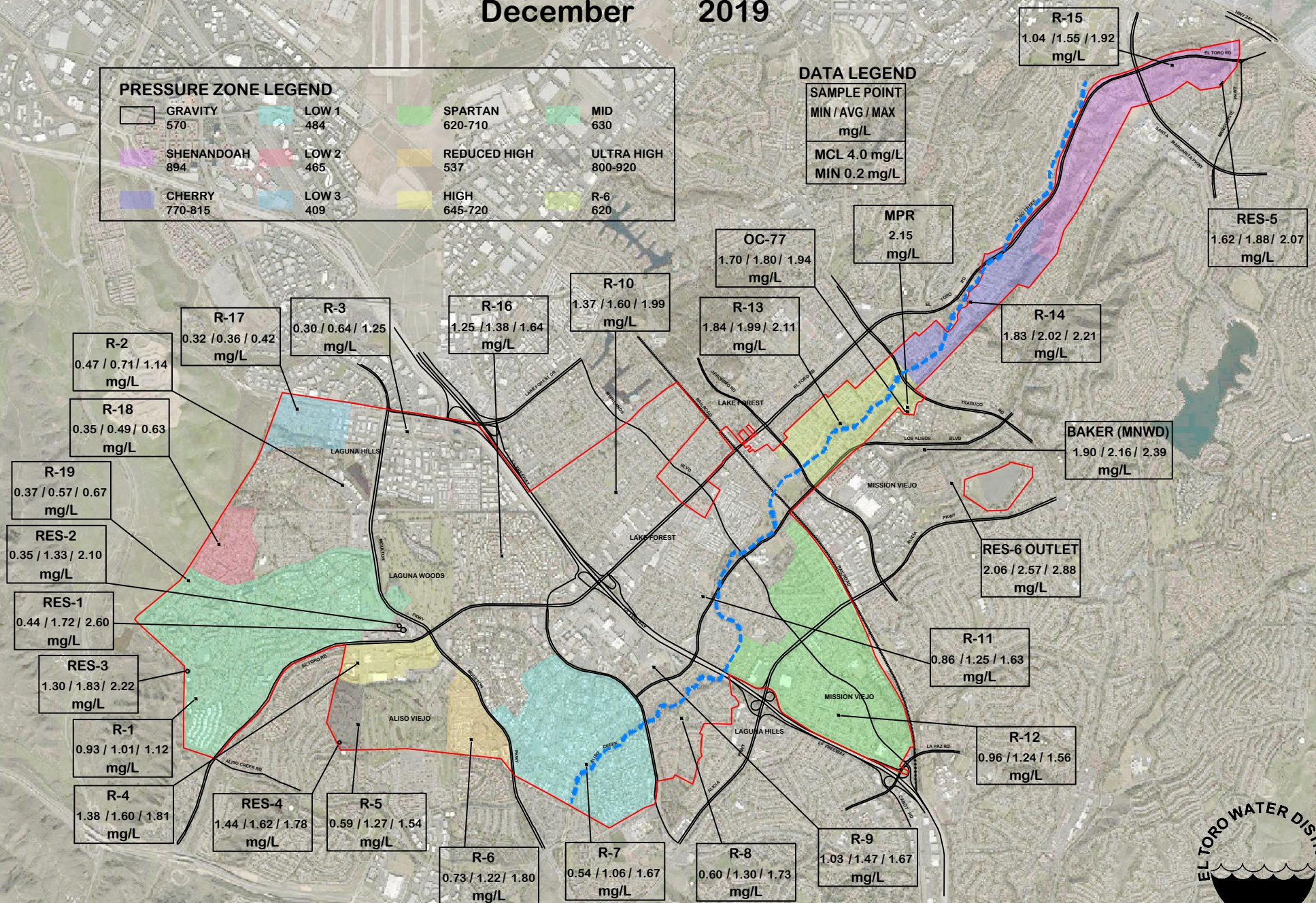
December 2019

PRESSURE ZONE LEGEND

GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

DATA LEGEND

SAMPLE POINT MIN / AVG / MAX mg/L
MCL 4.0 mg/L
MIN 0.2 mg/L



FLUORIDE MONITORING

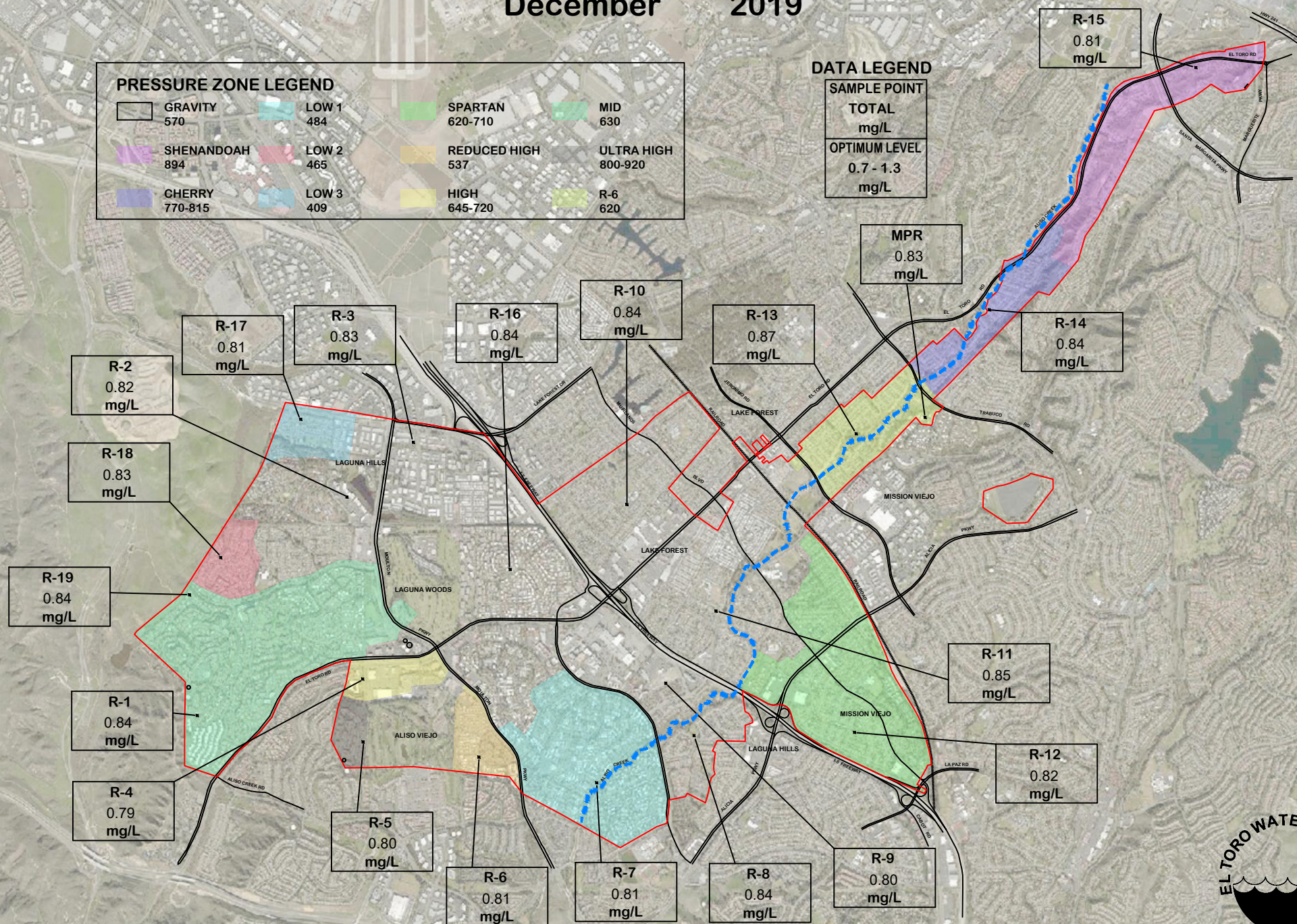
December 2019

PRESSURE ZONE LEGEND

GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

DATA LEGEND

SAMPLE POINT
TOTAL mg/L
OPTIMUM LEVEL 0.7 - 1.3 mg/L



NITRITE MONITORING

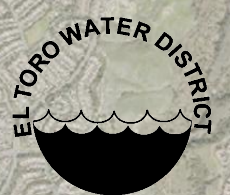
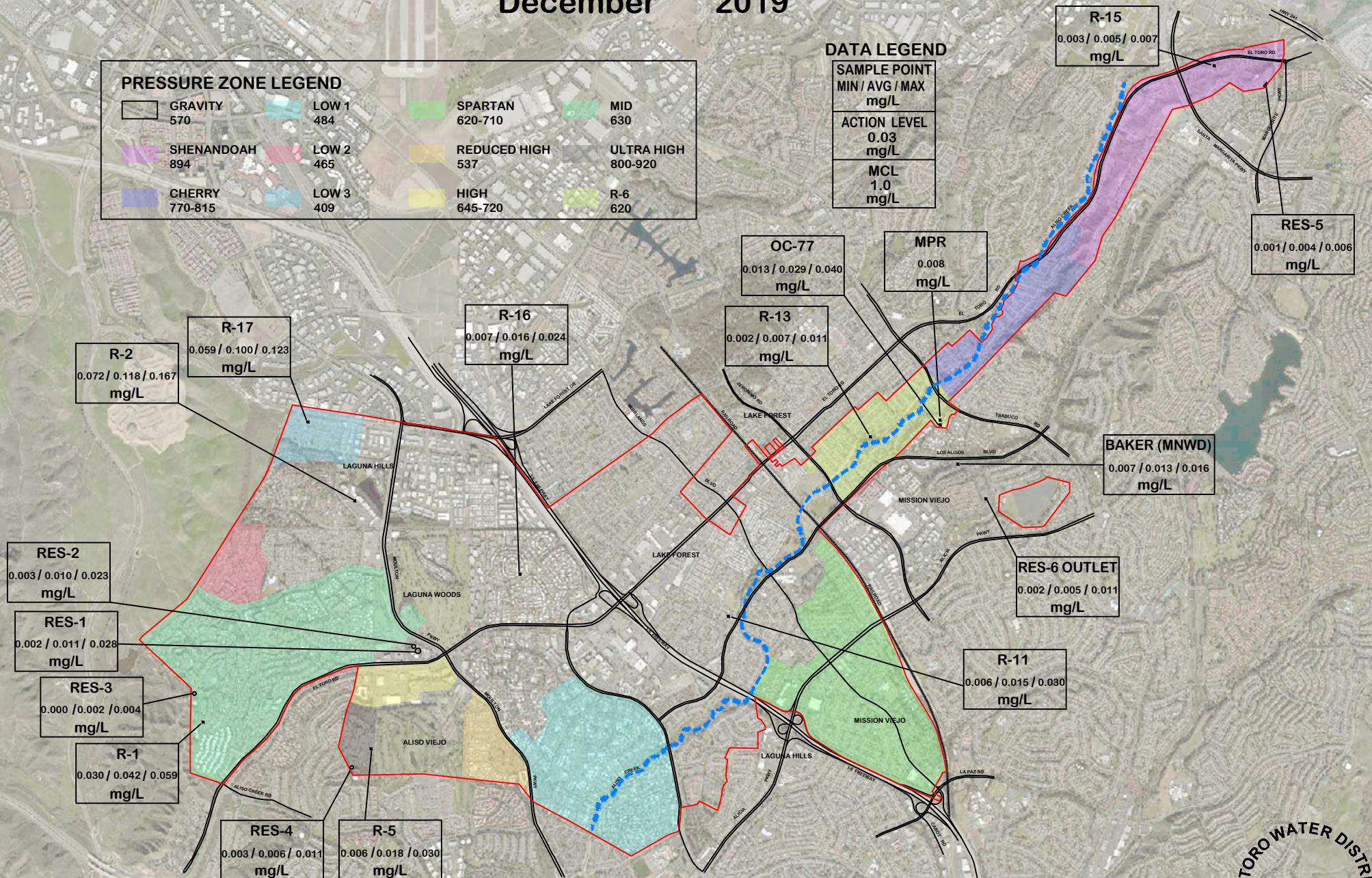
December 2019

PRESSURE ZONE LEGEND

GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

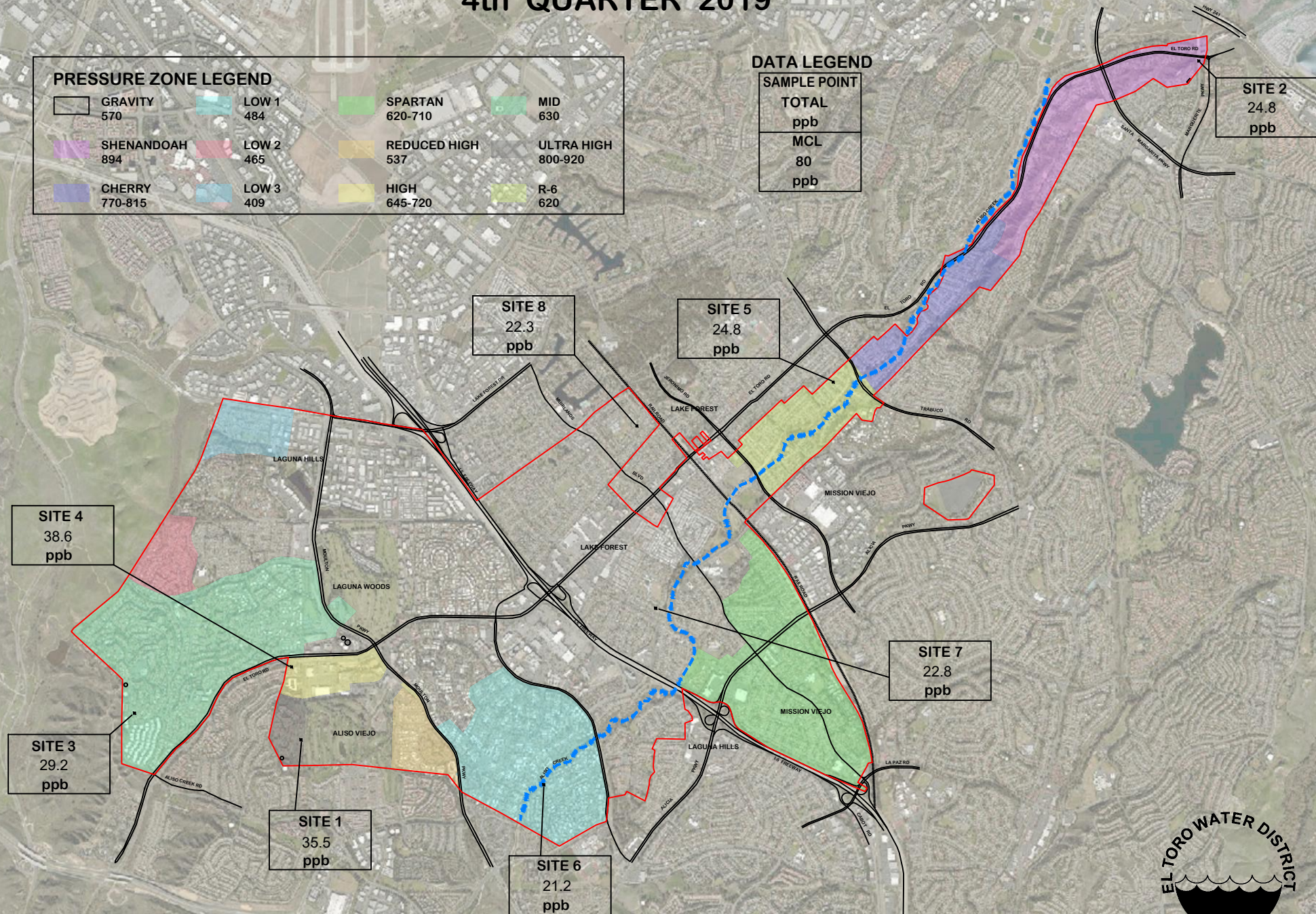
DATA LEGEND

SAMPLE POINT MIN / AVG / MAX mg/L
ACTION LEVEL 0.03 mg/L
MCL 1.0 mg/L



STAGE 2 TOTAL TRIHALOMETHANES (TTHM) MONITORING

4th QUARTER 2019



STAGE 2 HALOACETIC ACIDS (HAA5) MONITORING

4th QUARTER 2019

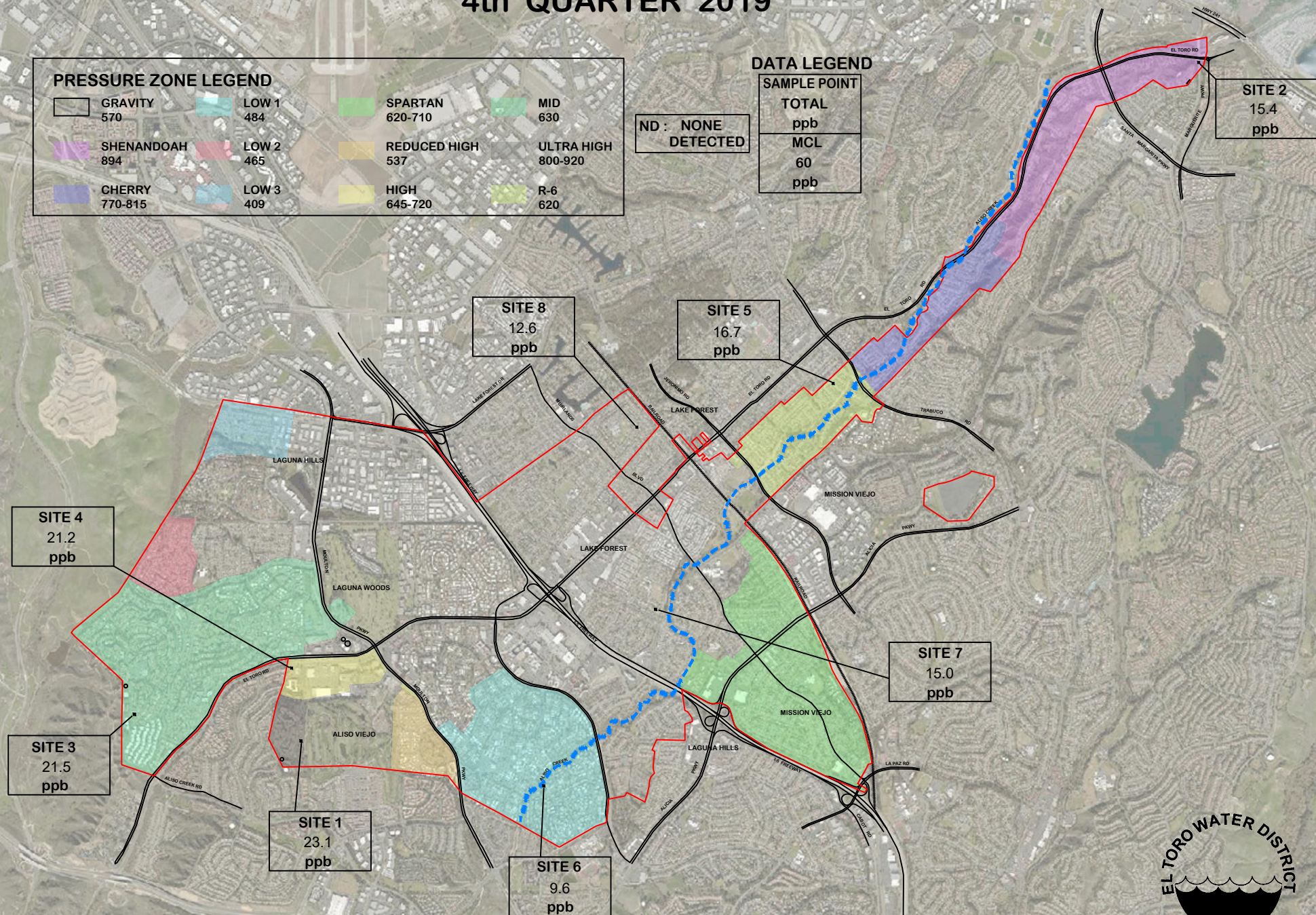
PRESSURE ZONE LEGEND

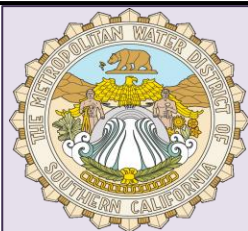
GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

DATA LEGEND

SAMPLE POINT
TOTAL ppb
MCL 60 ppb

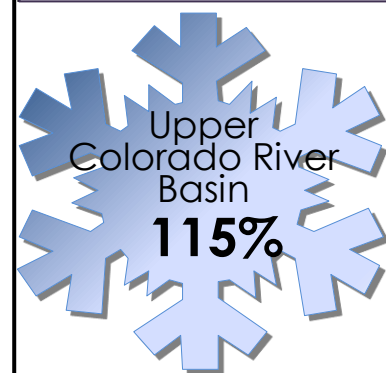
ND: NONE
DETECTED





Water Supply Conditions Report

As of: 01/12/2020

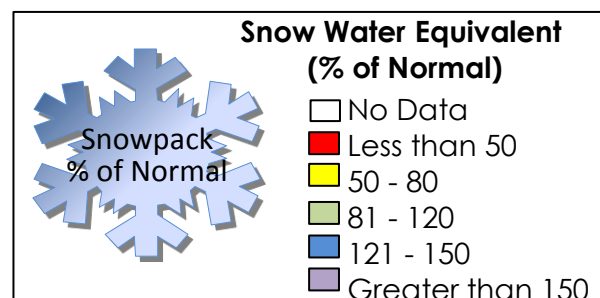
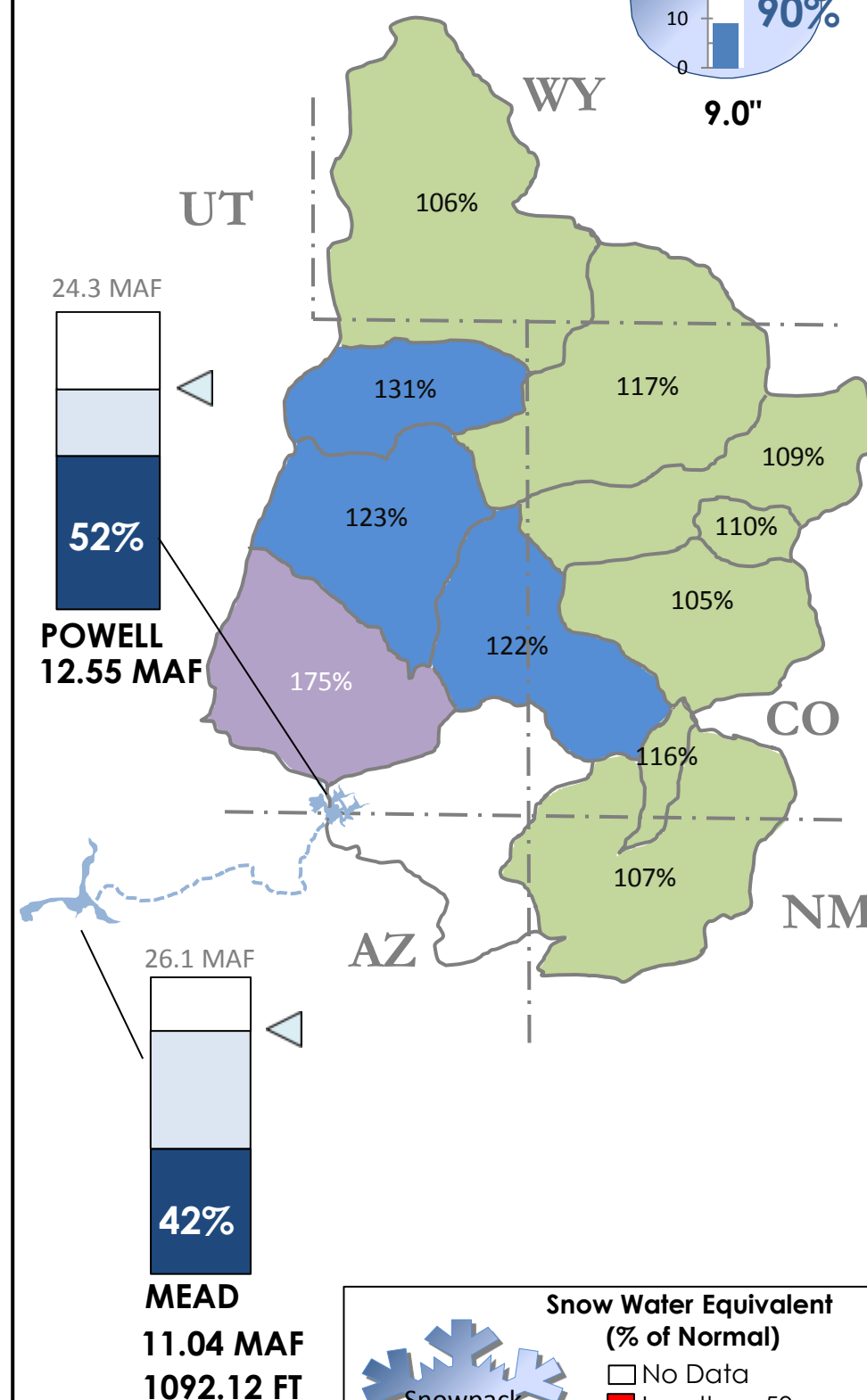
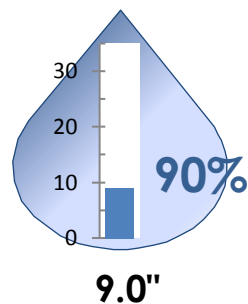


2020 Colorado River

988,000 AF

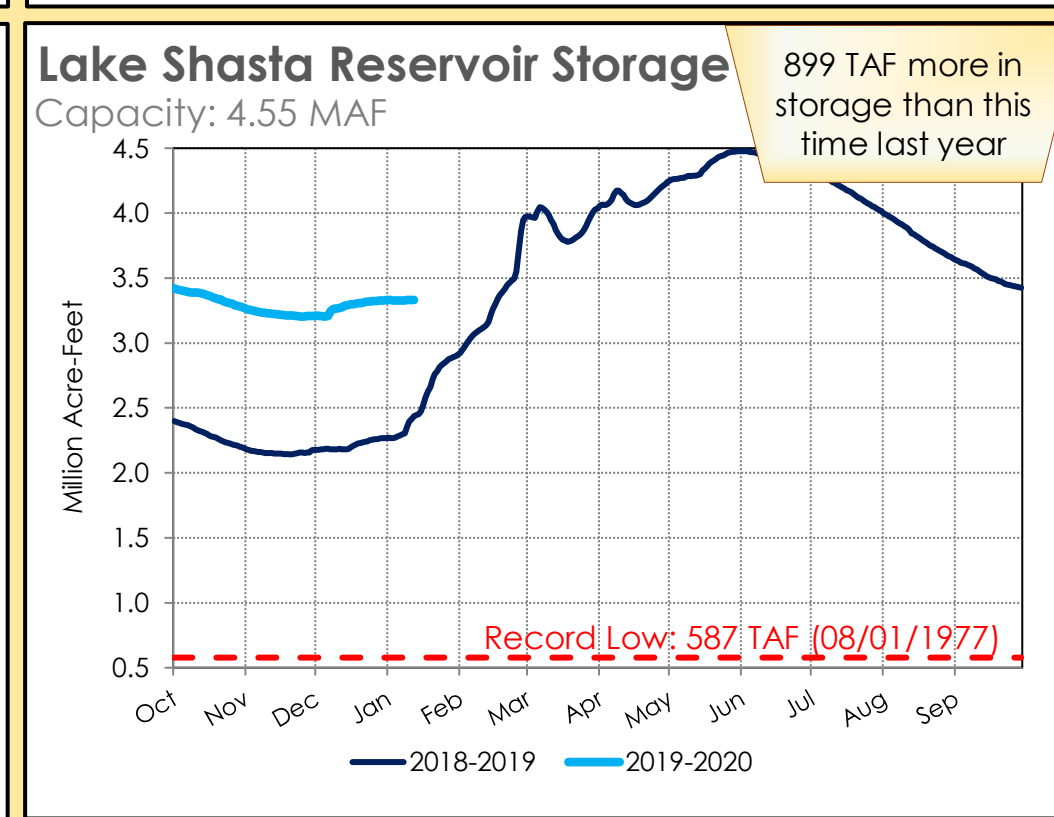
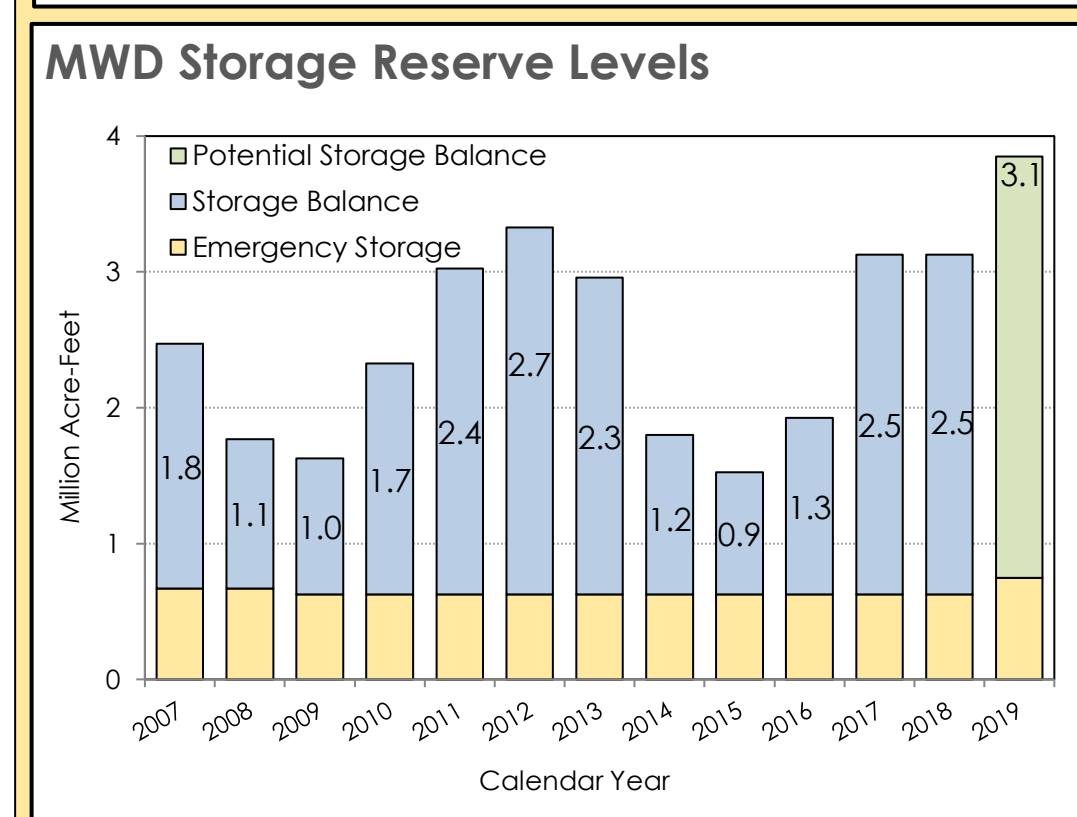
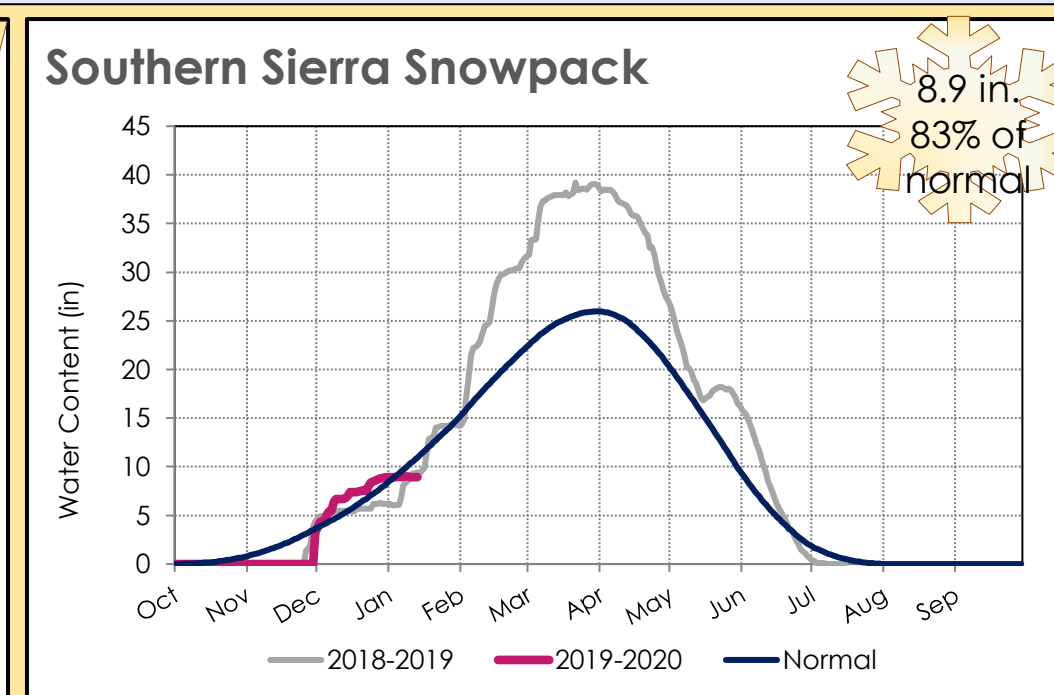
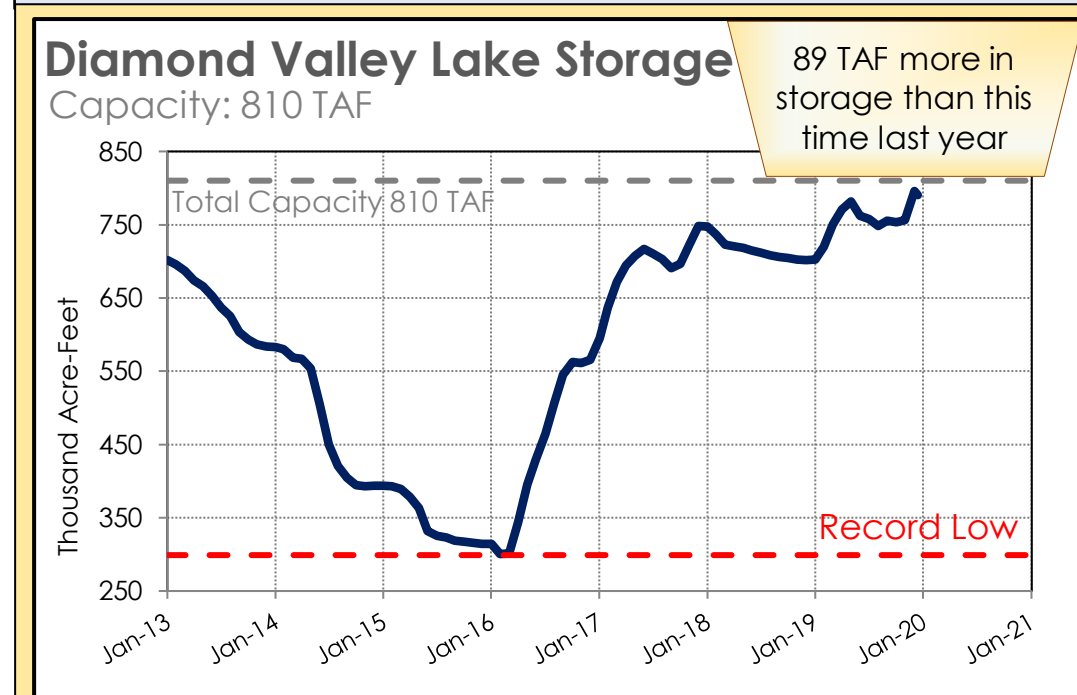
79% of full CRA

Does not include storage withdrawals



Highlights

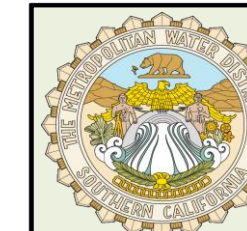
- ◆ Precipitation at the 8-Station is at 61% of normal
- ◆ Snow in the Northern Sierra is at 70% of normal
- ◆ Precipitation and snow in the Upper Colorado River Basin are respectively at 90% and 115% of normal



This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale.

<http://www.mwdh2o.com/WSCR>

This report is best printed double sided on legal size paper (8.5" x 14") and folded in quarters. Questions? Email mferreira@mwdh2o.com



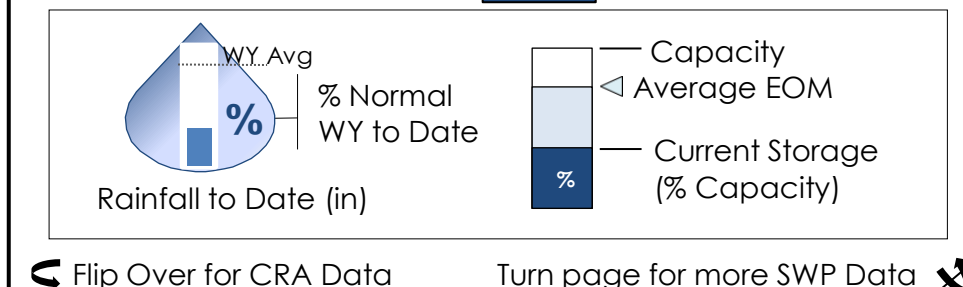
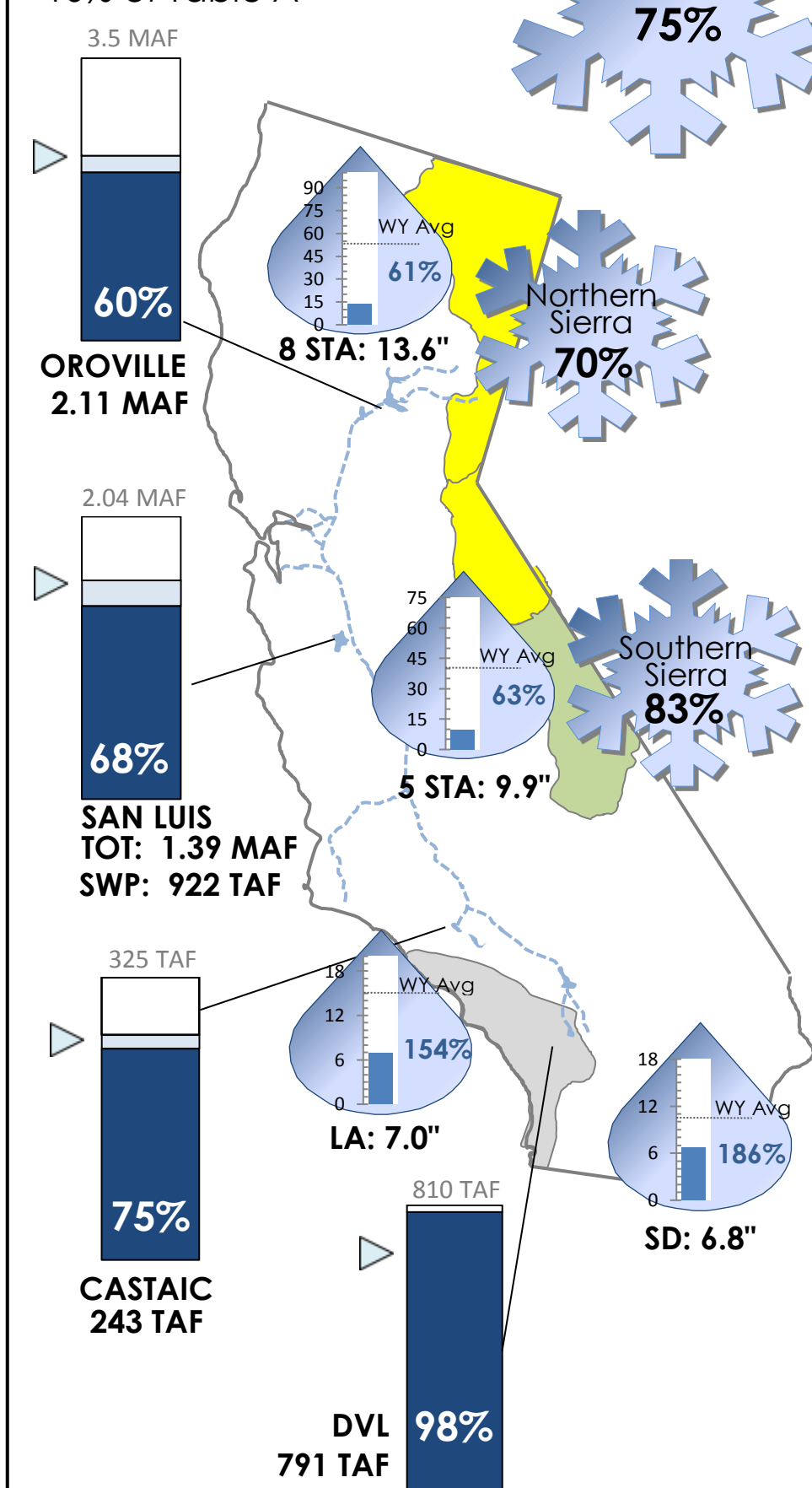
Water Supply Conditions Report

As of: 01/12/2020

2020 SWP Allocation

191,150 AF

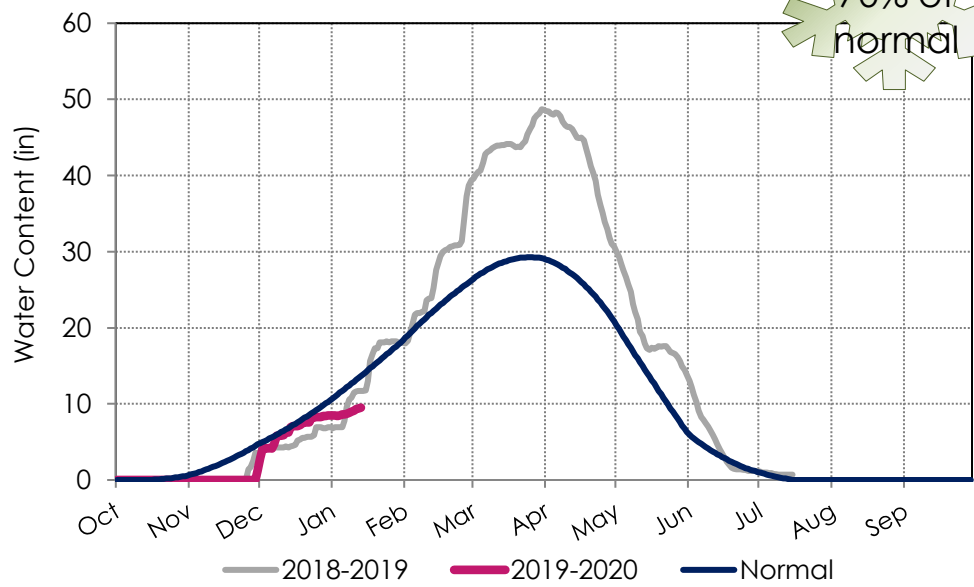
10% of Table A



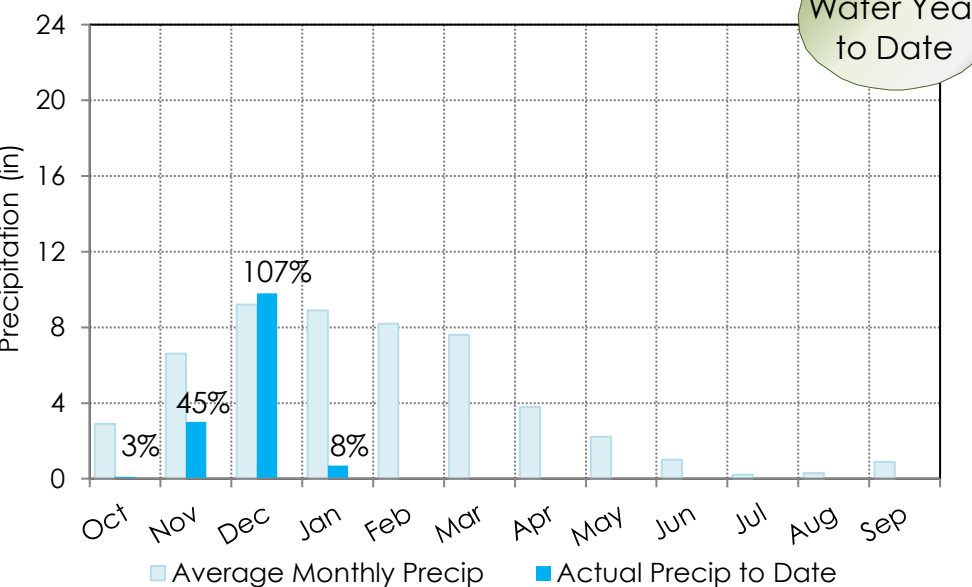
As of: 01/12/2020

State Water Project Resources

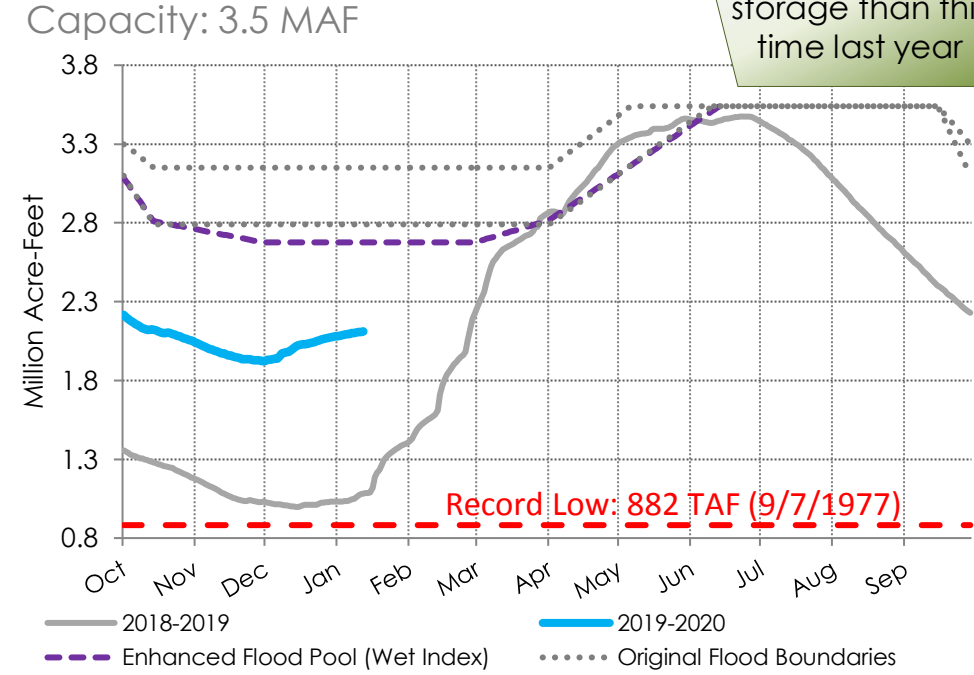
Northern Sierra Snowpack



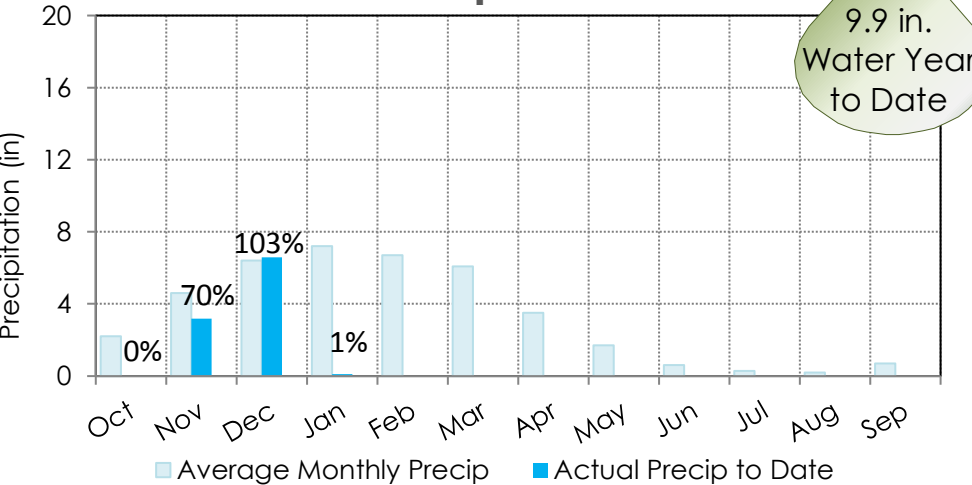
8 Station Index Precip



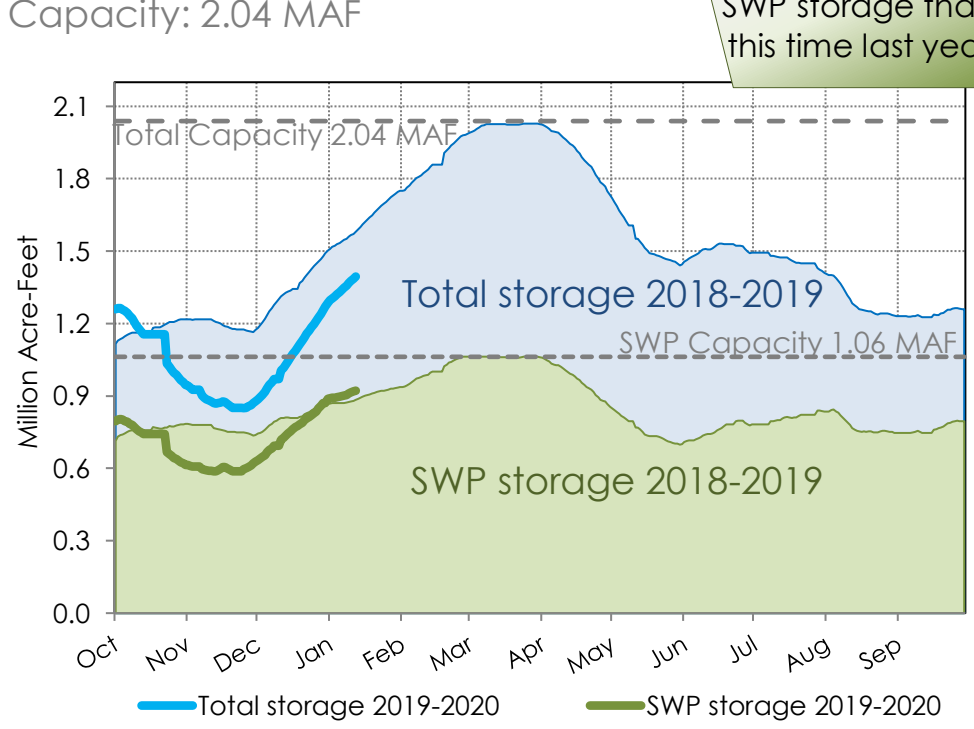
Oroville Reservoir Storage



5 Station Index Precip



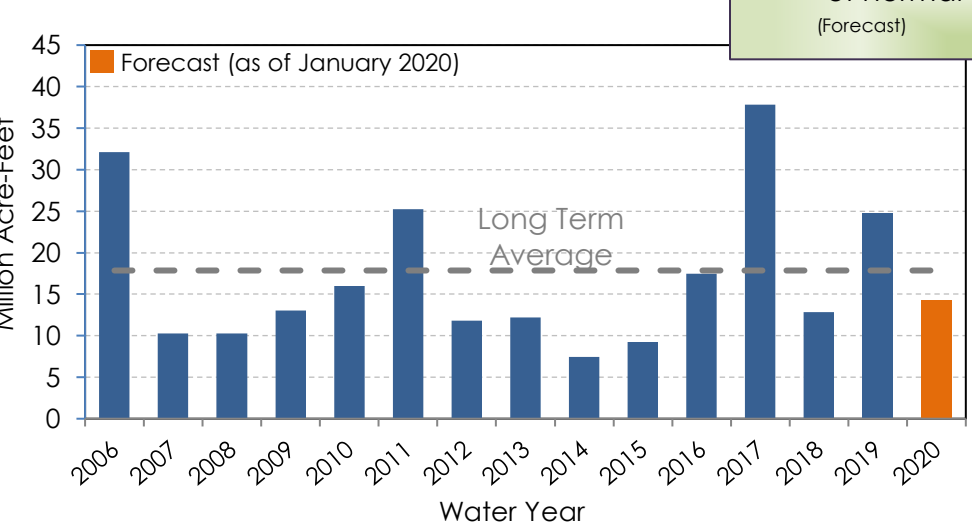
San Luis Reservoir Storage



Other SWP Contract Supplies for 2020 (AF)

Article 21	TBD
Carryover	TBD
Article 14b	TBD

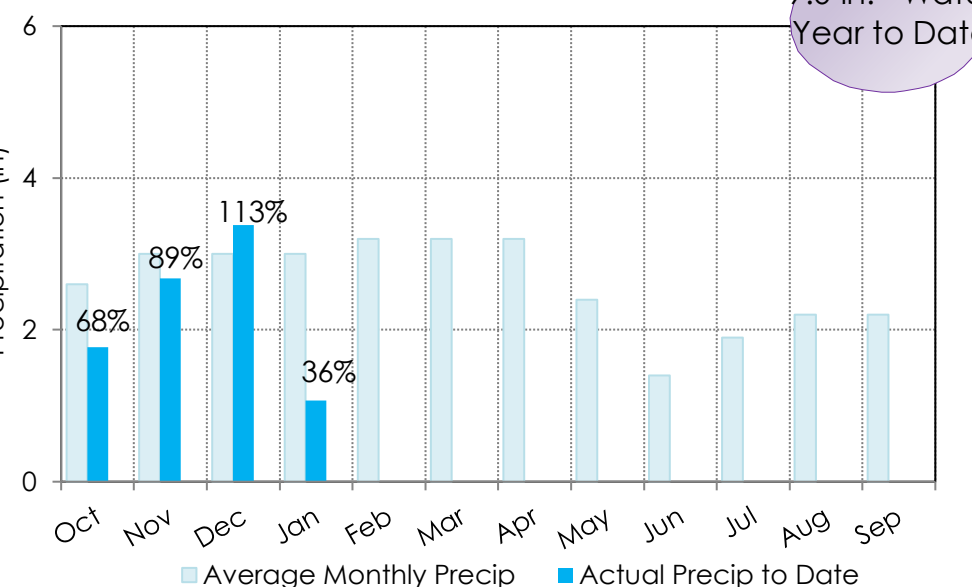
Sacramento River Runoff



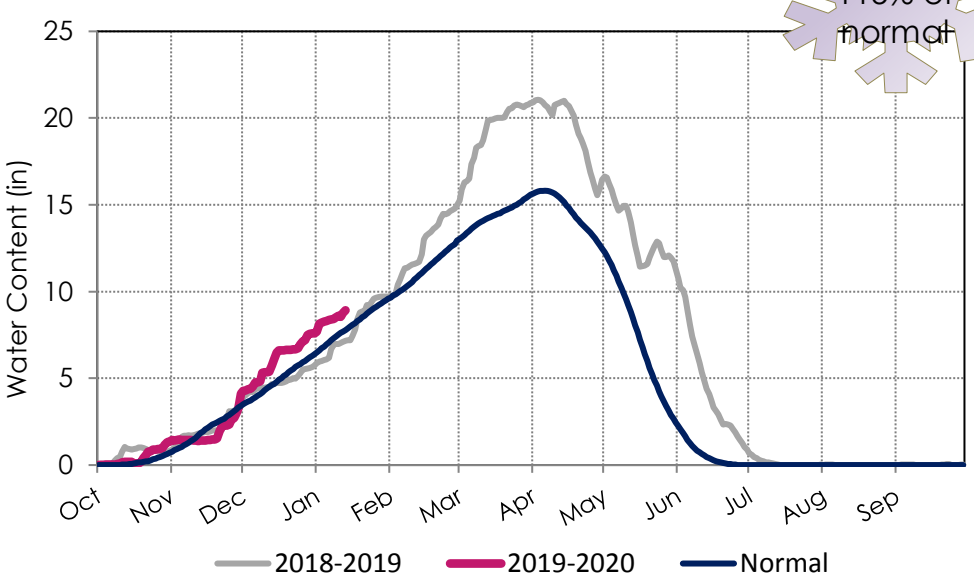
Colorado River Resources

As of: 01/12/2020

Upper Colorado Basin Precip



Upper Colorado Basin Snowpack



2020 Colorado River Ag Use

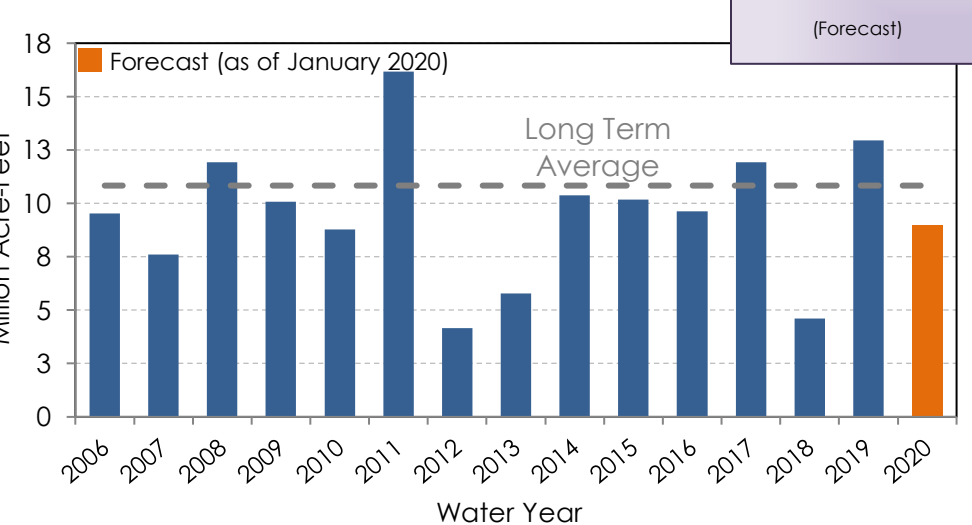
Chart Pending

Lake Mead Shortage/Surplus Outlook

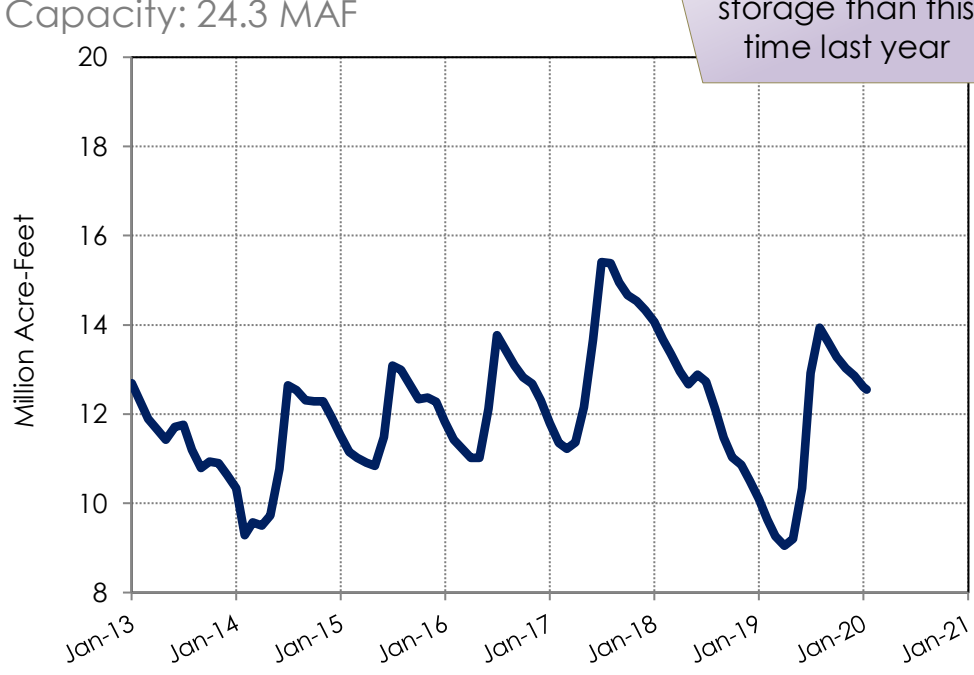
	2020	2021	2022	2023	2024
Shortage	0%	4%	24%	37%	43%
Surplus	0%	0%	7%	12%	19%

Likelihood based on results from the August 2019 CRSS model run. Includes DCP Contributions.

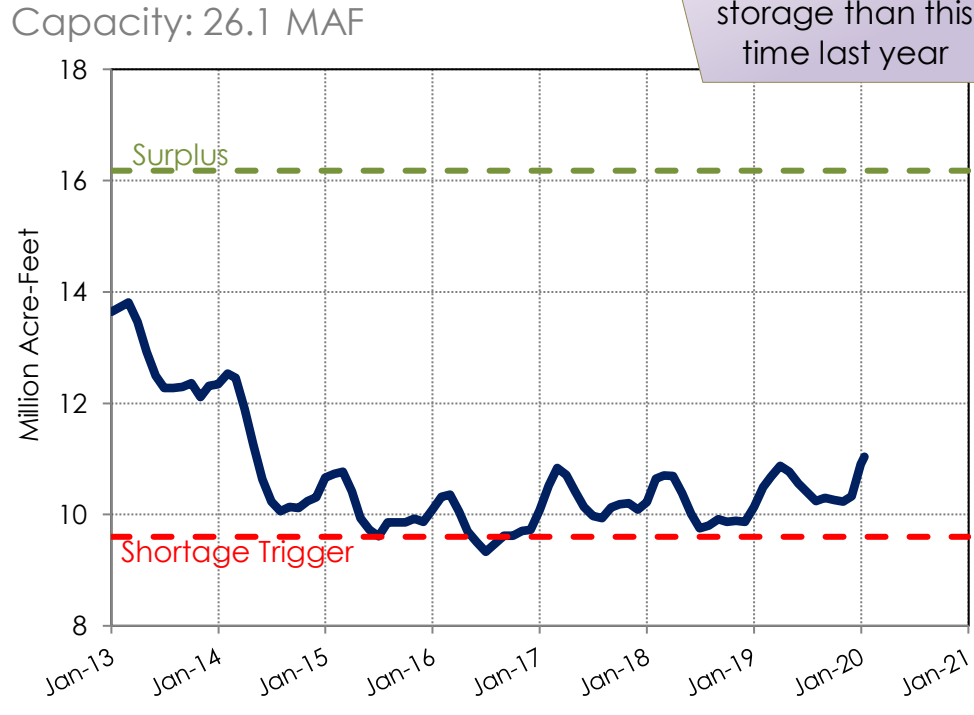
Powell Unregulated Inflow



Lake Powell Storage



Lake Mead Storage



(WRP) Tertiary Treatment Plant

Dec.19

Total Recycled Water Production

Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q MGD	0.038	0.143	0.087	0.268
Total Q MG	1.163	4.419	2.697	8.279
Total Acre Feet	3.569	13.561	8.277	25.407
*No Potable Water Was Used to Supplement the Recycled Water Total Production this Month.				

**EL TORO WATER DISTRICT
COLLECTION SYSTEM ACTIVITY REPORT**

MONTH ENDING:

December

2019

ODOR COMPLAINTS	NUMBER	LOCATION, ORIGIN, ACTION:		
Outside Laguna Woods Village	1	Beachview #138 LH Mobile Estates Corked Manholes on Ridge Route		
Outside Laguna Woods Village				
Laguna Woods Village				
New World				
Private System				
Other: WRP				
TOTAL	1			
ROOT FOAMING	FOOTAGE	CHEMICAL USED	CHEMICAL COST	COMMENTS:
Outside Laguna Woods Village				
Laguna Woods Village				
New World				
Other				
TOTAL	0			
ROOT CUTTING	FOOTAGE	COMMENTS:		
Outside Laguna Woods Village				
Laguna Woods Village				
New World	2349			
TOTAL	2,349			
HYDRO-CLEANING	FOOTAGE	COMMENTS:		
Outside Laguna Woods Village	1,026			
Laguna Woods Village	26,221			
New World				
Private System				
Hot Spots	15,389			
ETWD TOTALS:	42,636			
SANTA MARGARITA TOTALS:				
COMBINED TOTALS:	42,636			
TV INSPECTIONS	FOOTAGE	COMMENTS:		
Outside Laguna Woods Village				
Laguna Woods Village	3,155			
New World				
Private System				
Other				
TOTAL	3,155			
Wet Wells	3	Mathis- La Paz- Veeh		
Flow Meter/Sampling	Number			
WATER TANK FILLS	44	44,000		

WILL SERVE REQUEST STATUS REPORT

(December 2019)

All projects subject to previously issued Will Serve Letters are either Complete or the Will Serve Letter has Expired
(Will Serve Letters Expire One Year from Date of Issuance)

Date Requested	Applicant	Project Description	Type	Location	Status	Date Issued
3/8/19	Target Corporation	Target Mission Viejo Redevelopment	ND	24500 Alicia Pkwy.	Issued	7/3/19
8/16/19	Burgertown USA	Burgertown Sewer Connection	TI	24418 Muirlands	Review	11/20/19
8/29/19	Merlone Geier Partners	Hunter Court Utility Relocations	TI	24322 Rockfield Blvd	Review	12/9/19
11/15/19	Kiddie Academy	New Daycare at previous Restaurant	TI	25521 Muirlands Blvd	Review	n/a

ND = New Development

TI = Tenant Improvement

**EL TORO WATER DISTRICT
UNAUTHORIZED DISCHARGE SUMMARY
YEAR OF 2019**

DATE	PUBLIC / PRIVATE	SPILL TYPE	LOCATION	REASON	IMMEDIATE CORRECTIVE MEASURES	PREVIOUS MAINTENANCE		POST-INCIDENT PREVENTIVE MEASURES	RWQCB	DISCHARGED TO	SPILL VOLUME (PUBLIC) Gallons		SPILL VOLUME (PRIVATE) Gallons		REGULATORY NOTIFICATION AND RESPONSE
						CLEANING	TV				CONTAINED	SPILLED	CONTAINED	SPILLED	
January 23, 2019	PUBLIC	SEWER	Res. 23566 Los Adornos, AV	Root Intrusion	Ran root cutter in Public Lateral and cut the blockage out.			Tv'd the line and saw it was cleared	9	Grass Yard	3	5			Notified OCEH, RWQCB 9, and City of Aliso Viejo
February 2, 2019	PRIVATE	SEWER	Res. 23902 Bough Ave., MV	Toliet Paper Blockage	Collections ran a snake in line breaking the blockage. Noticed there was a belly in line, a dip in line where material can collect causing blockages.			Tv'd the line and saw it was cleared that is when the dip in line was discovered	9	Grass Yard			1	1	Notified OCEH, RWQCB 9, and City of Mission Viejo
March			No		Spills			To							Report
April			No		Spills			To							Report
May 1, 2019	PUBLIC	SEWER	643 Avenida Sevilla	Root Intrusion	First ran jetter to try to unclog then ran the root cutter and broke the clog.			Collections crew went out to tv line in morning.	9	Sidewalk and Grass area	0	150			Notified OCEH, RWQCB 9 and Laguna Woods
June			No		Spills			To							Report
July 19, 2019	PRIVATE	SEWER	Res. 23956 Cophagen, MV	Root Intrusion	Ran the root cutter to clear the sewer lateral.			TV'd line again and lateral was clear.	9	Inside house			0	0	None, did not spill outside.
August 30, 2019	Private	Recycled Water	23451 Caminito Salado, LH	Leak in private irrigation system	Contained flow upon arrival with sandbags and added dechlorinating agent to flow. Located meter serving system and isolated. Cleaned up contained flow with sewer vactor.			Notified Laguna Village Homeowners Association	8	Stormdrain			150	1050	Notified RWQCB and O.C. Flood Conontrol District
September			No		Spills			To							Report
October			No		Spills			To							Report
November 28, 2019	PUBLIC	SEWER	23472 Los Adornos, LH	Root Intrusion	Ran portable root cutter through line to clear clog			Crew scheduled to TV the line 12/12/19	9	Grass Yard		5			Notified OCEH, RWQCB 9
December			No		Spills			To							Report
LEGEND											3	155	151	1,051	
S.D.C = San Diego Creek		RES. = Residential		R.S. = Rocks											
S.D. = Storm Drain		C. = Commercial		C.W.D. = Calcium Water Deposits											
A.C. = Aliso Creek		S.B. = Siphon		B.P. = Broken Pipe											
G.B. = Grease Blockage		P.F. = Power Failure		U.W. = Untreated Water											

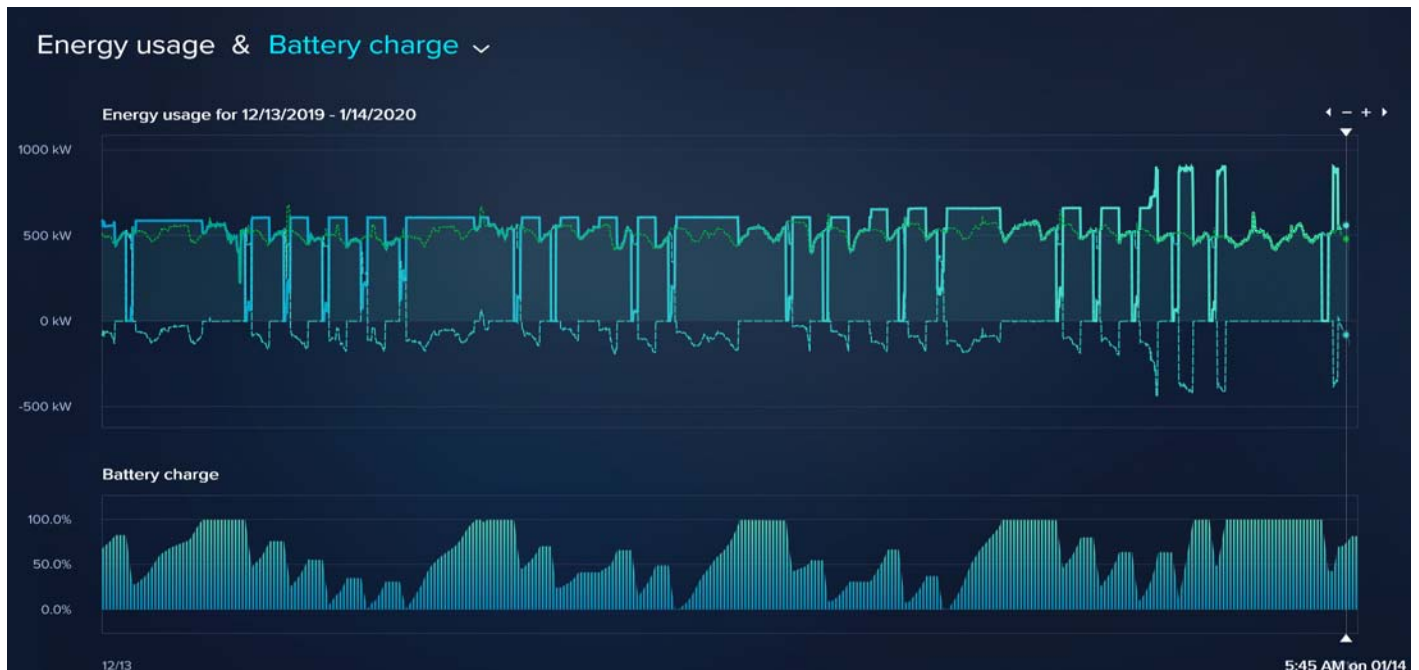


WRP BATTERY STORAGE SYSTEM

MONTHLY REPORT

DECEMBER, 2019

BILLING PERIOD	PEAK REDUCTION	PEAK INCURRED	BILL SAVINGS	NET SAVINGS
7/15/2019 - 8/13/2019	67 kW	1,032 kW	\$3,703.97	\$2,113.97
8/13/2019 - 9/12/2019	9 kW	1,070 kW	\$4,593.03	\$3,003.03
9/12/2019 - 10/11/2019	-45 kW	988 kW	\$1,646.72	\$56.72
10/11/2019 - 11/13/2019	-45 kW	949 kW	(\$471.94)	(\$2,061.94)
11/13/2019 - 12/13/2019	28 kW	834 kW	\$178.21	(\$1,411.79)
12/13/2019 - 1/14/2020	-225 kW	904 kW	(\$2,136.00)	(\$3,726.00)
TOTAL			\$7,513.99	(\$2,026.01)



BARKER LEAVITT

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 WASHINGTON, DC 20007
 (202) 293-4064
jimbarker@jcbdc.com

James C. Barker
 Ryan Leavitt

Municipal Water District of Orange County, California
Washington Update
January 14, 2020

***Congress Passed a Massive Year-end Spending Bill with \$8.3 Million for
 Doheny Desal Grant; and the House Passed a Messaging PFAS Bill***

The Energy & Water Appropriations Bill:

Just before adjourning for the holiday break, Congress passed, and the President signed into a law, a massive \$1.4 trillion-dollar spending bill. Funding for the Bureau of Reclamation and the Army Corp of Engineers saw a modest increase in the final Energy & Water Appropriations Bill (see chart below). MWDOC and the South Coast Water District slated a major victory with our hard-fought language for the \$8.3 million Doheny Beach Desal Grant remaining in the final appropriations bill signed into law.

Program (billions of dollars)	FY19 Levels	President's FY20 Budget	FY20 House Mark	FY20 Senate Mark	Final FY20 Bill
Energy & Water Appropriations Bill	\$44.64	\$38.059	\$46.4	\$48.866	\$48.3
Bureau of Reclamation	\$1.565	\$1.120	\$1.65	\$1.75	\$1.68
Army Corps of Engineers	\$6.998	\$4.964	\$7.36	\$7.75	\$7.65

Interior and Environment Appropriations Bill:

Program	FY19 Levels	President's FY20 Budget	FY20 House Mark	FY20 Senate Mark	Final FY20 Bill
Interior Appropriations	\$35.55 billion	\$30.04 billion	\$37.28 billion	\$35.8 billion	\$35.9 billion
Clean/Drinking Water State Revolving Funds	\$2.76 billion	\$1.98 billion	\$3.11 billion	\$2.76 billion	\$2.77 billion
WIFIA	\$68 million	\$25 million	\$50 million	\$73 million	\$55 million

In the final Interior and Environment Appropriations Bill, funding for the Clean Water and the Drinking Water State Revolving Funds were kept at essentially at FY19 levels; however, funding for the WIFIA program was cut by 13 million. Initially, the President had requested a \$43 million dollar cut to WIFIA and the House passed an \$18 million dollar cut to the program. The Senate passed an \$5 million increase to WIFIA in their bill, but the compromise between the White House and both chambers was to cut WIFIA by the \$13 million reflected in the chart above.

PFAS:**Year-end Efforts failed to Add PFAS to NDAA and Appropriations Bills**

Since our last report, Congress passed and the President signed into law both the National Defense Authorization Act (NDAA) and the Appropriations Bills for FY20. Efforts were made to attach provisions to both of these legislative vehicles related to PFAS removal. Most concerning was language written by Representative Debbie Dingell to require the EPA to designate all categories of PFAS as hazardous substances under the Superfund law, the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), within a year. It also added PFAS to the toxic pollutants list under the Clean Water Act. These designations would have subjected water systems to the liability for the cleanup of PFAS in their systems. Fortunately, both efforts were unsuccessful.

House Passed the PFAS Action Plan of 2019 (H.R. 535)

In response, in late December, House Majority Leader Steny Hoyer promised to bring a package of 12 PFAS bills that been approved by the House Energy & Commerce Committee to the floor for a vote in January. As promised, on January 10, 2020, the House passed a comprehensive PFAS bill (H.R. 535, the *PFAS Action Plan of 2019*) today on a vote of 247-156. Nearly two dozen Republicans joined the Majority party in passing this package. The legislation included Rep. Debbie Dingell's legislation to designate PFAS a hazardous substance under CERCLA.

Leading up to the House vote, we contacted with all of the Orange County Members of Congress' offices regarding these issues and also shared with them a letter of opposition to H.R. 535 that was signed by the major water industry trade associations: American Water Works Association, Association of Metropolitan Water Agencies, National Association of Clean Water Agencies, National Association of Water Companies, National Water Resources Association, National Rural Water Association, and the Water Environment Federation. This letter is attached to this report. Their letter shares our concern about public water systems being held liable for PFAS cleanup under CERCLA in H.R. 535.

In the end, this vote became a partisan vote and all of Orange County's House Delegation voted in support of H.R. 535. The passage of H.R. 535 in the House is viewed as "purely messaging," because most believe there is very little chance the Senate will pass it. Senate Republican leaders, including Senate Environment and Public Works (EPW) Committee Chairman John Barrasso said that they have no intention of bringing it up for a vote and the White House also threatened a veto.

Although it appears it will be difficult to move a comprehensive CERCLA PFAS bill this legislative year, we fully anticipate that the bill's sponsors will be looking for other vehicles to attach PFAS provisions this Congress. We will be monitoring this and continue to keep you up to date on movements related to PFAS.

The Trump Administration's National Environmental Policy Act (NEPA) Reform:

On January 9, 2020, the White House Council on Environmental Quality (CEQ) announced a notice of rulemaking "to modernize and clarify regulations to facilitate a more efficient, effective, and timely NEPA review process." The goal of the rulemaking is to establish presumptive time limits of two years for completion of environmental impact statements (EISs) and one year for completion of environmental assessments (EAs). Additionally, among other things, the rulemaking aims to require joint schedules, a single EIS, and a single record of decision (ROD), where appropriate, for EISs involving multiple agencies.

CEQ is accepting public comments on this proposal through March 10, 2020.

Rep. Huffman Championing Bill to Increase funding for Water Storage and Recycling:

As the Chairman of the House Natural Resources Subcommittee on Water, Oceans, and Wildlife, Rep. Jared Huffman is preparing to introduce legislation to increase funding for ground and surface water storage, while investing in innovative technologies such as desalination and recycling. The title of his draft bill is the "FUTURE Drought Resiliency Act." Rep. Huffman is welcoming public input on the proposal. We will be monitoring this legislation closely.

JCB/RWL 1/14/20



January 8, 2020

RE: Opposition to H.R. 535, the PFAS Action Act

Dear Representative:

The undersigned organizations representing the nation's drinking water and wastewater utilities are writing to express our opposition to H.R. 535, the PFAS Action Act of 2019. Unfortunately, the legislation fails to protect water system customers from liability for PFAS cleanup costs.

We believe that per- and polyfluoroalkyl substances (PFAS) should be kept out of our nation's water supplies, and that PFAS polluters should be held responsible. The fundamental mission of water and wastewater utilities is to protect public health and the environment, and in doing so they must also be mindful of affordability and the financial burden borne by their customers and the communities they serve. Utilities are tremendously concerned about what PFAS is doing in their communities and, as they have done with all previous public health and environmental challenges, are committed partners in finding a solution to this problem.

However, Congress must make a distinction between entities that introduced PFAS into the environment, and water and wastewater systems that are on the front lines of cleaning up the contamination. Utilities are not the *producers* of PFAS, but the *receivers* of PFAS. A water system that follows all applicable laws in its management of water treatment byproducts containing PFAS should not be held liable under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) for any *further* environmental cleanup costs related to these chemicals. Doing so would penalize customers twice: once when they make investments to remove PFAS from their waters, and again when they are forced to pay to cleanup PFAS contamination elsewhere.

Unfortunately, H.R. 535 would leave municipal water and wastewater systems customers subject to financial liability for PFAS cleanup under CERCLA – even in cases where the system followed all applicable laws and regulations related to PFAS disposal. This is in direct contrast to the objective of holding polluters responsible.

It is particularly disappointing that the manager's amendment proposed for H.R. 535 would offer a CERCLA liability shield to airports that are required to use firefighting foam containing PFAS, but fails to extend that same protection to water and wastewater systems who may be required to remove and dispose of PFAS. As receivers of PFAS, water utilities should be afforded the same liability protections that airports are being awarded in the legislation.

Again, we share the goal of keeping the nation's waters free of PFAS and holding accountable those entities that are responsible for environmental contamination. But because H.R. 535 would leave water system customers unprotected against liability for environmental cleanup of PFAS, we have no choice but to oppose the legislation in its current form.

The PFAS Action Act of 2019
January 8, 2020
Page 2 of 2

Sincerely,

American Water Works Association
Association of Metropolitan Water Agencies
National Association of Clean Water Agencies
National Association of Water Companies
National Water Resources Association
National Rural Water Association
Water Environment Federation



Memorandum

To: Municipal Water District of Orange County
From: Syrus Devers, Best Best & Krieger
Date: January 20, 2020
Re: Monthly State Political Report

Legislative Report

Welcome to 2020! The year is off to a slow start in the water policy arena, but legislators have until February 21st to introduce new bills. Perhaps the most significant legislation to discuss so far is SB 45 (Allen), the (take a deep breath) Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020. The bill has not been heard in committee since last April, and has not been amended since the end of the last session, but there is a lot of talk in the halls about it now. The author has circulated a set of amendments that add almost \$200 million to sections dealing with the effects of climate change, including \$120 million to fisheries and wetlands protection that could have indirect positive impacts on water supply. The current version of the bill allocates \$500 million specifically for water recycling and \$190 million for safe drinking water and recycling, so it is already a good bill for water interests.

Besides SB 45 there appears to be little if any action on the remaining two-year bills. All but a few will likely drop off the Bill Matrix by the February PAL Committee meeting.

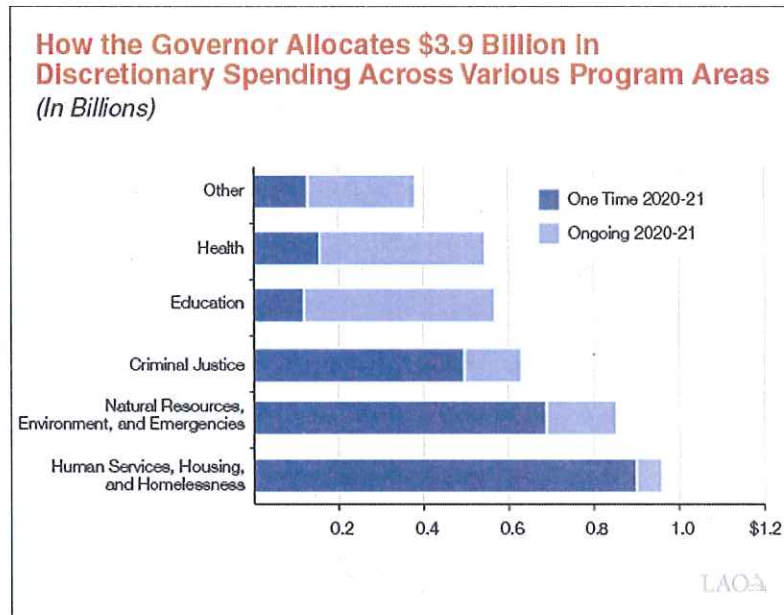
Administrative Report

The big news of the week is the release of the Governor's Budget and there is a lot for water interests to consider. After some high-level general points are several specific provisions related to water. Keep in mind that assigning a dollar amount to an item is not always useful or informative. A budget item can cover a range of programs and budget control language, which is implemented through a Budget Trailer Bill, is needed to understand where the money is going. Other items, like the Safe and Affordable Drinking Water Fund (SB 200), are specific but guidelines are under development. Bottom line, the Budget is useful for seeing where the Governor's priorities are but remember it's just the first step of a long process.

To begin with, the proposed budget would spend \$153 billion from the General Fund as compared to \$148 billion from the budget signed in June of 2019. The budget receives generally passing remarks from the Legislative Analyst's Office (LAO) with the caution that the economic expansion is "mature" and the budget may not provide sufficient operating reserves if growth begins to slow. The Governor spreads the increase in spending primarily across reserves and one-time expenditures as in past budgets, but health and education are slated for significant program growth. The

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 ATTORNEYS AT LAW

following graph from the LAO shows the ratios of one time spending compared to programmatic growth across the broad budget categories.



Turning to water-related items, Newsom put a significant amount of new resources toward the Safe and Affordable Drinking Water Program (SB 200), including 48 new positions at the State Water Resources Control Board. Total new proposed new positions at the SWRCB went up by almost 290. (Note that total spending went down due to allocation of bond funds for the Safe and Affordable Drinking Water Fund.)

Much of the proposed spending falls under the new section for Climate Resiliency. As widely reported in the press, the Governor is proposing a \$4.75 billion bond for the November ballot with the following details¹:

- \$1 billion for regional and inter-regional resilience
- \$360 million for safe drinking water
- \$140 million for enhanced stream flows and fish passage
- \$395 million for sustainable groundwater management

Also worth noting are: \$103 million one-time funding to support the draft Water Resilience Portfolio and an additional \$35 million to Department of Fish and Wildlife to align the Portfolio to its activities; \$66 million one-time spending for urban flood and fish, wildfire and habitat

¹ Thanks to MWD for summarizing this information.



protection; and, \$257 million in Proposition 68 to support strategic natural resources programs. The Budget noted that a single-tunnel conveyance project is undergoing environmental review, but provided no new significant details.

The County of Orange Report

January 14, 2020
by Lewis Consulting Group



HAPPY NEW YEAR
WISHES



ORANGE COUNTY
LAFCO Update
EST. 1963

LAFCO Re-elects Key Officers

At the January 8, 2020 meeting of LAFCO, with a bare quorum in attendance, LAFCO members re-elected Cheryl Brothers and Doug Davert to serve as Chair and Vice Chair respectively. The sparsely attended meeting needed the attendance of two alternates to provide a quorum, but after the re-election motion was made by Commissioner Derek McGregor, the vote was unanimous.

Also at the meeting, the timetable for filling three LAFCO seats this year was released. The term of office for City Commissioners Allan Bernstein and alternate Wendy Buchman expires this year. Those positions will be decided by a vote of Orange County's 34 Mayors. Also, Special District Commissioner Jim Fisler, who was recently elected to fill out the remainder of an unexpired term will stand re-election for a term decided by Orange County's Special Districts.

Appointment Process Schedule for OC LAFCO Regular Special District Seat Expiring June 30, 2020	
DATE	EVENT
March 23, 2020	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 24, 2020 (3 PM)	Deadline for submitting nominations and Declaration of Qualification to Vote for the Regular Special District member is due to OC LAFCO by 3:00p.m.*
May 4, 2020	Ballot is emailed to all special district presiding officers/designees.
June 8, 2020 (3 PM)	Ballot is due to OC LAFCO by 3:00 p.m.
June 15, 2020	OC LAFCO staff (or designee) tabulates ballots and announces results.
July 8, 2020	Oath of office administered (Commission Hearing).
* 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.	

The Commission also received their Mid-Year Work Plan update. Under the category of Applications, the report highlighted the completion of three applications so far. . .

- ◆ *17th Street - Tustin island Reorganization to the City of Santa Ana*
- ◆ *Cielo Vista Development Annexation to the City of Yorba Linda*
- ◆ *Irvine Ranch Water District/Orange County Sanitation District Annexation*

Also there are five pending applications

- ◆ *Costa Mesa Sanitary District/Newport Beach Annexation*
- ◆ *Laguna Woods/Laguna Hills Reorganization*
- ◆ *Orange County Sanitation District Annexation (Anaheim)*
- ◆ *Orange County Sanitation District Annexation (Yorba Linda)*
- ◆ *Sphere of Influence Update/Annexation of City of San Juan Capistrano and Wastewater utilities to Santa margarita Water District*

Also, the commission received an update on its 4th cycle of Sphere of Influence and Municipal Service reviews. The update highlights Development of a MSR Dashboard, enhancements to the Shared Services Web Program and the Preparation of five regional MSR's. Twenty-five Orange County Agencies have already responded to a survey and staff has begun review which should culminate in early summer of this year.

Regarding the unincorporated area plan, there are 26 unincorporated Orange County islands. The three that are currently being studied for annexation include 494 acres in southwest Anaheim, 39 acres in the Andora/Fairhope Island in Buena Park and 1,484 acres in the Bolsa Chica area under Huntington Beach's sphere of influence. In addition, the commission is continuing to proactively work with South Orange County communities to help determine future governance. These communities include:

<i>Table 2: South Orange County Unincorporated Communities</i>		
COMMUNITY	ACREAGE/POPULATION	CITY SPHERE
<i>Coto de Caza</i>	4,928 acres 11,888 residents	Rancho Santa Margarita
<i>Ladera Ranch</i>	2,368 acres 22,980 residents	None
<i>Las Flores</i>	1,280 acres 5,971 residents	Rancho Santa Margarita
<i>Stonedecliff</i>	64 acres 515 residents	Rancho Santa Margarita
<i>Wagonwheel</i>	219 acres 2,463 residents	Rancho Santa Margarita
<i>Rancho Mission Viejo</i>	23,000 acres (total) 6,000 acres (to be developed) 38,000 residents (projected)	None

Near the end of the meeting, Commissioner Davert urged a more watchful eye towards the legislative agenda of CAL-LAFCO, given their propensity to be less supportive of local control than Orange County values.

The December 2019 meeting for LAFCO was cancelled and an announcement was made that the February 2020 meeting will be skipped as well.



- NOT JUST FOR BASKETBALL

The California Primary and March 3rd Super Tuesday

On March 3rd, California will be among those living in 14 states trekking to the polls to cast their ballots. Although a number of Orange County Legislative and Congressional contests will be narrowed down to the two top finishers. The Democrat Presidential Primary and election of the 3rd District Supervisor will be of particular interest.

The Tale of the Tape

California Voter Registration as of October 1, 2019

Democrat	44%
Independent	27%
Republican	24%
Minor parties	5%

Orange County Voter Registration

Total Voters	1,617,000
Democrat	565,000
Republican	548,000
Independent	424,000
Minor parties	80,000

In Orange County's 3rd Supervisor District, incumbent Don Wagner will try to hold off challenger Ashleigh Aitken. Although the Board is "non-partisan", both political parties will go all-out as a test whether or not democrats can make further inroads in our formerly deep red county. The 3rd District contest only has two candidates, so this election, unlike others, will be settled March 3rd.

The Democrat nominating process continues to become ever more muddled as no clear front runner has emerged. As we write this, it is entirely possible that three different Presidential candidates could win the early contests in Iowa, New Hampshire and South Carolina. This nightmare scenario for democrats coupled with future delegate allocations could lead to the first "brokered" political convention since 1952.

No state will send more delegates to the Democrat Convention than California's impressive 495 delegation. Of the 495, 272 are awarded election night by Congressional districts. Only candidates who achieve 15% of the vote are eligible for delegates. Later, another 144 delegates are apportioned to candidates who receive at least 15% of the statewide vote. Finally, 79 Democrat party leaders are California "Super Delegates", however, they are not allowed to vote in the convention's first ballot.

The Latest California Presidential Poll

Capitol Weekly CA120 January Tracking Poll Results (N=1051 Weighted)			
	Respondents	Share	Change
Bernie Sanders	255	24%	5%
Elizabeth Warren	216	21%	-3%
Joe Biden	215	20%	1%
Peter Buttigieg	116	11%	-3%
Andrew Yang	76	7%	2%
Michael Bloomberg	62	6%	6%
Amy Klobuchar	49	5%	0%
Tulsi Gabbard	24	2%	-1.7%
Tom Steyer	18	2%	0.2%
Cory Booker	14	1%	-0.7%
Marianne Williamson	4	0%	-0.8%
Deval Patrick	2	0%	0.2%
John Delaney	1	0%	-0.1%

According to California's "top two" election primary only two candidates can proceed to the November ballot. This process effectively shuts out California's minor parties. The top two is also irrespective of party registration, so in some races, the run-off in November will be between two Democrats or two Republicans.

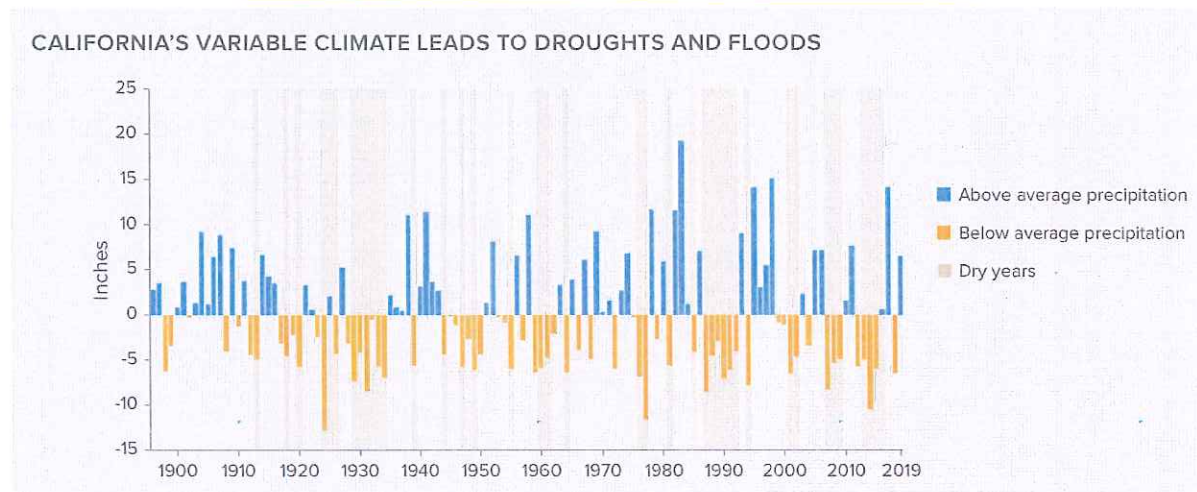


PPIC Releases Another Report

The Public Policy Institute of California has been busy in recent months and this month they released their latest report titled *California's Future*.

The report highlights eleven of the state's most pressing long-term policy challenges including water. To review the full report go to:

[www.https://www.ppic.org/publication/californias-future](https://www.ppic.org/publication/californias-future)



After a more in depth exploration of key challenges to water policy in California, the report concludes with this. . .

LOOKING AHEAD

California has the tools to secure a safe and reliable water supply, manage droughts, improve watershed health, and reduce flood risks. But population growth and climate change are intensifying the challenges. Policy reform, better planning, and new investments are essential to the state's future. Several issues require sustained attention.

A climate-ready water grid. Adapting to a more volatile, warming climate requires a more robust, integrated water grid to manage supplies and protect residents from floods. The state should assess weaknesses—including dam safety in light of bigger storms and conveyance to support underground storage—and launch a major upgrade.

The Delta. The state must decide whether to invest in new Delta conveyance—now a major bottleneck to moving water where it's needed. Though this project is costly and controversial, not making an investment will also be costly. California also needs a viable long-term plan for strengthening Delta levees.

Safe drinking water. The Safe and Affordable Drinking Water Fund is an important step toward ensuring safe water in poor communities. The State Water Board now needs a comprehensive plan to prioritize support for communities that regularly lack safe drinking water and identify at-risk areas that may also need help.

Drought-resilient communities. Urban drought plans should include “climate stress tests” that evaluate supply reliability in the context of longer droughts and warmer temperatures. Some cities still need to diversify supplies.

Ecosystem stewardship. Watershed-level planning that informs water supply and flood management decisions can help make ecosystems more drought resilient. Priorities include water acquisition, habitat restoration, and prioritizing conservation areas for greatest impact—including protecting strongholds that can support species during droughts.

Sustainable groundwater. The groundwater law is path breaking. But implementation will be challenging, especially in farming regions that rely on excessive pumping. As water users launch local sustainability plans, regional coordination will be key. The state should support strong water accounting and facilitate groundwater recharge and water trading.

Funding. New state and local fees and taxes are needed to provide ongoing funding for fiscal orphans. Minor changes to state water-pricing and -funding laws could align them more closely with modern water management.



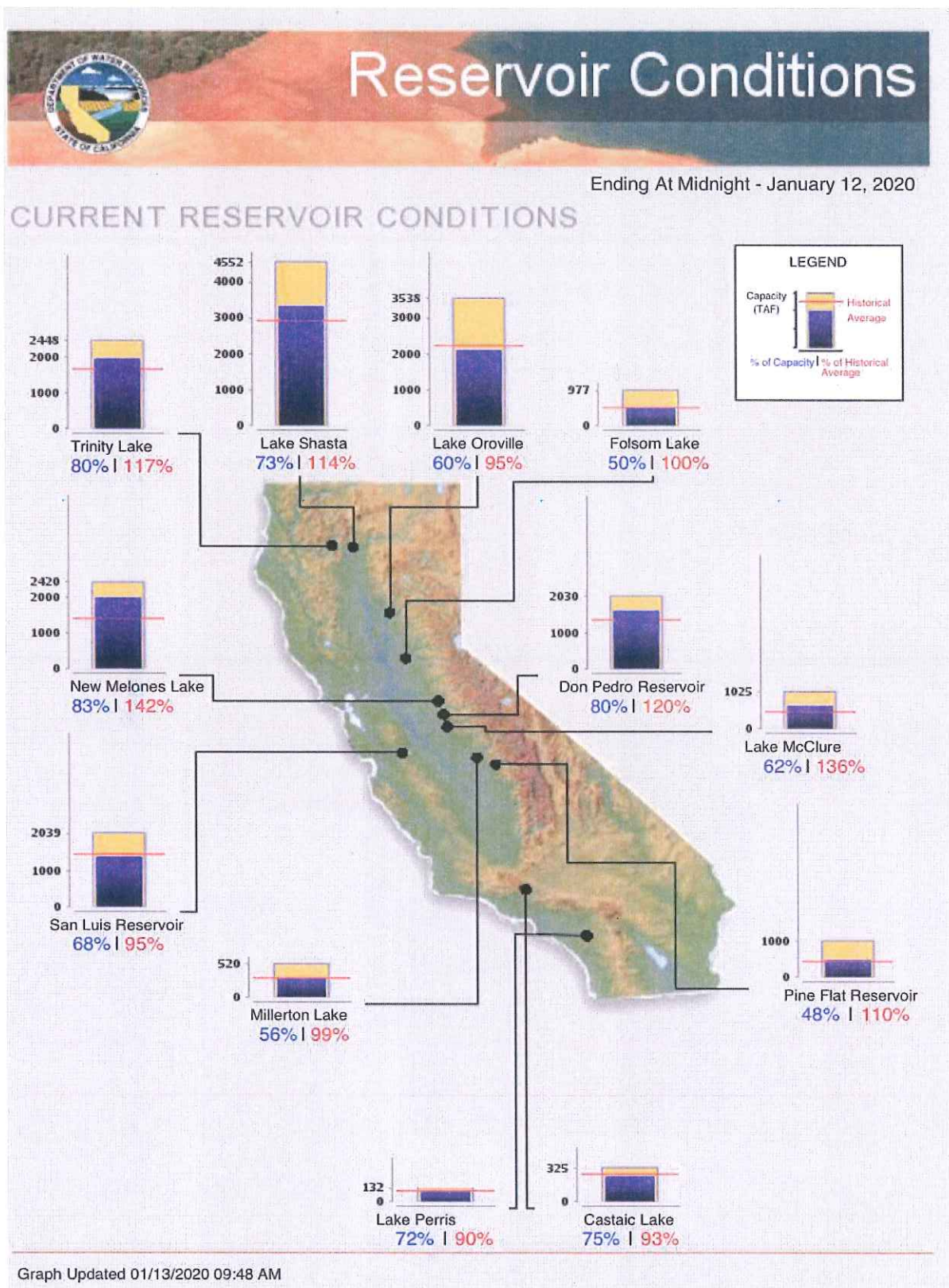
Board Selects New Leadership

At the January 14th meeting of the Orange County Board of Supervisors the Board elected Michelle Steel to serve as Chair for 2020 and Andrew Do to serve as the Vice Chair.

In another matter, the Board approved Agenda Item 30 unanimously:

Adopt a resolution authorizing the establishment and implementation of a Cooperative Services Agreement Program and authorize Director or designee to enter into agreement with local municipalities and special districts in the County of Orange (each agreement not to exceed \$1,500,000 for a period of three years); approve Cooperative Services Agreement Program template and authorize Director to make non-material changes as necessary with approval of County Counsel; authorize Director or designee to enter into contracts with local agencies to provide municipal services or functions pursuant to California Government Code Section 54981 and under certain conditions; authorize Director or designee to expend funds under certain conditions; approve Cooperative Services Agreement MA-080-20010760 with the City of Stanton effective upon execution for three year term with option to extend for one additional year (\$300,000) and authorize Director or designee to make changes under certain conditions; and make California Environmental Quality Acts and other findings - All Districts

California Reservoirs Still in Good Shape



Snowpack Through January 13 Portends Well

Estimated United States Snow Depth

[More Snow Maps](#)

[Current/Historic Snow Analysis](#)

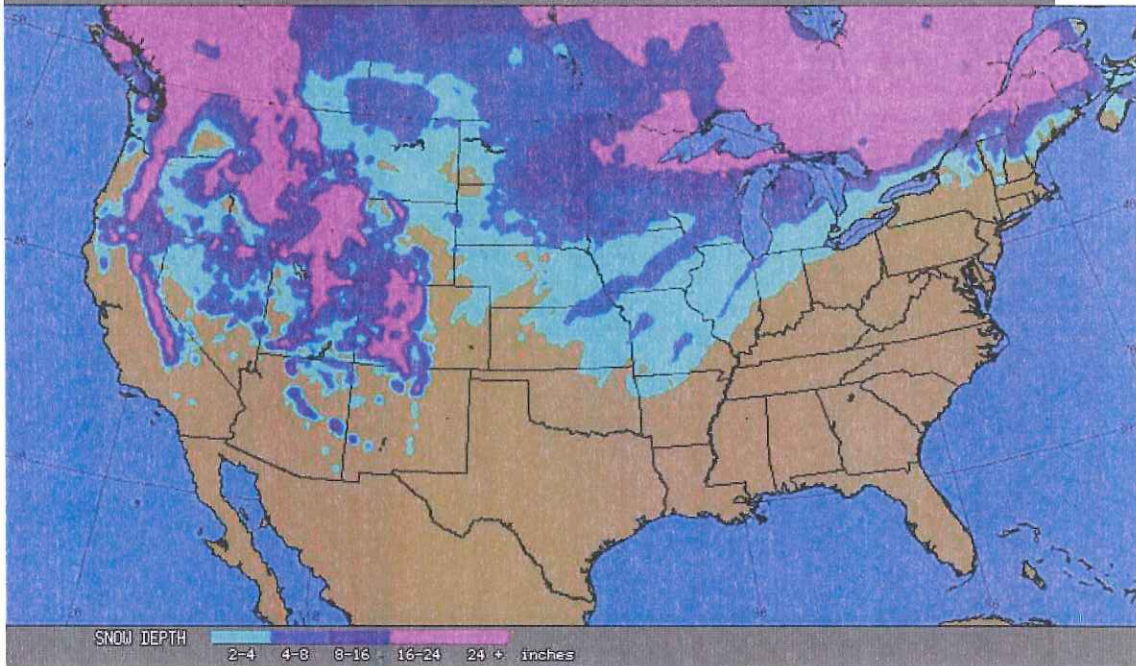
12:00 13-JAN-2020 GMT Copyright © 1998-2020 WSI Corporation <http://www.wsi.com>

Observed Snow Depth

Valid 07:00 AM ET 13-Jan-20

Updated 10:19 AM ET Mon 13-Jan-2020

WSI®



MWDOC

PAL Committee

Prepared by Best Best & Krieger LLP, January 14, 2020

A. Priority Support/Oppose

Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
AB 292	Quirk D	Recycled water: raw water and groundwater augmentation.	9/15/2019- Failed Deadline pursuant to Rule 61(a)(15). (Last location was INACTIV E FILE on 8/30/2019) (May be acted upon Jan 2020)	9/15/2019- S. 2 YEAR	Current law requires the State Water Resources Control Board, on or before December 31, 2023, to adopt uniform water recycling criteria for direct potable reuse through raw water augmentation, as specified. Current law defines "direct potable reuse" and "indirect potable reuse for groundwater recharge" for these purposes. This bill would eliminate the definition of "direct potable reuse" and instead would substitute the term "groundwater augmentation" for "indirect potable reuse for groundwater recharge" in these definitions. The bill would revise the definition of "treated drinking water augmentation."	Support	A. Priority Support/ Oppose	Because this bill is on the Floor of the second house, it remains viable until the end of session.
AB 402	Quirk D	State Water Resources Control Board: local primacy delegation: funding stabilization program.	8/30/2019- Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. SUSPENS E FILE on 8/12/2019) (May be acted upon Jan 2020)	8/30/2019- S. 2 YEAR	The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health, including, but not limited to, conducting research, studies, and demonstration programs relating to the provision of a dependable, safe supply of drinking water, enforcing the federal Safe Drinking Water Act, adopting implementing regulations, and conducting studies and investigations to assess the quality of water in private domestic water supplies. This bill would authorize the state board to delegate partial responsibility for the act's administration and enforcement by means of a local primacy delegation	Oppose unless amended	A. Priority Support/ Oppose	This bill must move out of Approps by August 14th.

					agreement. The bill would authorize the state board, for counties that have not been delegated primary responsibility as of January 1, 2020, to offer an opportunity for the county to apply for partial or primary responsibility if the state board determines that it needs assistance in performing administrative and enforcement activities, as specified.			
SB 45	Allen D	Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020.	9/10/2019-Senate Rule 29.3(b) suspended. (Ayes 29. Noes 8.) From committee with author's amendments. Read second time and amended. Re-referred to Com. on APPR.	4/25/2019-S. APPR.	Would enact the Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$4,189,000,000 pursuant to the State General Obligation Bond Law to finance projects for a wildfire prevention, safe drinking water, drought preparation, and flood protection program.	Out for Analysis	A. Priority Support/ Oppose	
SB 204	Dodd D	State Water Project: contracts.	7/10/2019-Failed Deadline pursuant to Rule 61(a)(10). (Last location was W.,P. & W. on 6/6/2019)(May be acted upon Jan 2020)	7/10/2019-A. 2 YEAR	Would require the Department of Water Resources to provide at least 10 days' notice to the Joint Legislative Budget Committee and relevant policy and fiscal committees of the Legislature before holding public sessions to negotiate any potential amendment of a long-term water supply contract that is of projectwide significance with substantially similar terms intended to be offered to all contractors. The bill would require the department, before the execution of a specified proposed amendment to a long-term water supply contract and at least 60 days before final approval of such an amendment, to submit to the Joint Legislative Budget Committee and relevant policy and fiscal committees	Watch	A. Priority Support/ Oppose	Amended to remove mandatory hearings

					of the Legislature certain information regarding the terms and conditions of a proposed amendment of a long-term water supply contract and to submit a copy of the long-term contract as it is proposed to be amended.			
SB 414	Caballero D	Small System Water Authority Act of 2019.	8/30/2019- Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. SUSPENSE FILE on 8/21/2019) (May be acted upon Jan 2020)	8/30/2019- A. 2 YEAR	Would create the Small System Water Authority Act of 2019 and state legislative findings and declarations relating to authorizing the creation of small system water authorities that will have powers to absorb, improve, and competently operate noncompliant public water systems. The bill, no later than March 1, 2020, would require the state board to provide written notice to cure to all public agencies, private water companies, or mutual water companies that operate a public water system that has either less than 3,000 service connections or that serves less than 10,000 people, and are not in compliance, for the period from July 1, 2018, through December 31, 2019, with one or more state or federal primary drinking water standard maximum contaminant levels, as specified.		A. Priority Support/ Oppose	

B. Watch

Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
AB 405	Rubio, Blanca D	Sales and use taxes: exemption: water treatment.	5/16/2019- Joint Rule 62(a), file notice suspended. In committee: Held under submission.	5/15/2019- A. APPR. SUSPENSE FILE	Would, on and after January 1, 2020, and before January 1, 2025, exempt from that Sales and Use Tax the gross receipts from the sale in this state of, and the storage, use, or other consumption in this state of, chemicals used by a city, county, public utility, and sanitation district to treat water, recycled water, or wastewater regardless of whether those chemicals or other agents become a component part thereof and regardless of whether the treatment takes place before or after the delivery to consumers.	Watch	B. Watch	
AB 441	Eggman D	Water: underground	5/17/2019- Failed	5/17/2019- A. 2	Under current law, the right to water or to the use of water is limited to	Watch	B. Watch	

		storage.	Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/24/2019) (May be acted upon Jan 2020)	YEAR	that amount of water that may be reasonably required for the beneficial use to be served. Current law provides for the reversion of water rights to which a person is entitled when the person fails to beneficially use the water for a period of 5 years. Current law declares that the storing of water underground, and related diversions for that purpose, constitute a beneficial use of water if the stored water is thereafter applied to the beneficial purposes for which the appropriation for storage was made. This bill would instead provide that any diversion of water to underground storage constitutes a diversion of water for beneficial use for which an appropriation may be made if the diverted water is put to beneficial use, as specified.			
AB 637	Gray D	State Water Resources Control Board: disadvantaged communities: drinking water.	5/17/2019- Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/1/2019) (May be acted upon Jan 2020)	5/17/2019- A. 2 YEAR	Would require the State Water Resources Control Board, before taking an action that significantly impacts drinking water, to use existing information to identify impacted disadvantaged communities and to seek to reduce impacts to those communities to the greatest extent practicable. The bill would also require the board to ensure that disadvantaged communities are provided an opportunity to participate in the public process for a decision that significantly impacts drinking water by holding a public hearing in or near an impacted community.	Watch	B. Watch	
AB 638	Gray D	Department of Water Resources: water storage: climate change impacts.	10/13/2019- Vetoed by Governor.	10/13/2019- 9-A. VET OED	Current law requires the Department of Water Resources to gather and correlate information and data pertinent to an annual forecast of seasonal water crop, as specified. Current law also requires the department to update every 5 years the plan for the orderly and coordinated control, protection, conservation, development, and use of the water resources of the state, which is known as the California Water Plan. This bill would require the department, as part of the update to the California Water Plan every 5 years, to identify water storage facilities vulnerable to climate change impacts and the mitigation strategies for anticipated adverse impacts, as provided.	Watch	B. Watch	
AB 658	Arambula	Water rights:	10/9/2019-	10/9/2019-	Would authorize a groundwater	Watch	B. Watch	

	D	water management.	Approved by the Governor. Chaptered by Secretary of State - Chapter 678, Statutes of 2019.	A. CHAP TERED	sustainability agency or local agency to apply for, and the board to issue, a conditional temporary permit for diversion of surface water to underground storage for beneficial use that advances the sustainability goal of a groundwater basin, as specified.			
AB 841	Ting D	Drinking water: contaminants: perfluoroalkyl and polyfluoroalkyl substances.	7/10/2019- Failed Deadline pursuant to Rule 61(a)(10). (Last location was E.Q. on 5/29/2019) (May be acted upon Jan 2020)	7/10/2019- S. 2 YEAR	Would require the Office of Environmental Health Hazard Assessment to adopt and complete a work plan within prescribed timeframes to assess which substances in the class of perfluoroalkyl and polyfluoroalkyl substances should be identified as a potential risk to human health, as provided. The bill would require the office, as part of those assessments, to determine which of the substances are appropriate candidates for notification levels to be adopted by the state board. The bill would require the Office of Environmental Health Hazard Assessment, by January 1, 2022, to provide to the Legislature an update on the assessment.	Watch	B. Watch	
AB 955	Gipson D	Water replenishment districts: water system needs assessment program.	8/30/2019- Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. SUSPENS E FILE on 8/12/2019) (May be acted upon Jan 2020)	8/30/2019- S. 2 YEAR	Would authorize a water replenishment district, pursuant to an agreement with the State Water Resources Control Board, to offer to conduct a needs assessment program for water systems serving disadvantaged communities within the district, as specified. The bill would make a water system's participation in the program voluntary. The bill would authorize the district, upon completion of the needs assessment, to develop and evaluate options to address the findings and recommendations in the needs assessment and prepare an implementation plan for recommendation to the water system.	Watch	B. Watch	
Total Measures: 12								
Total Tracking Forms: 12								

ETWD Public Education and Outreach Report

January 23, 2020

The following provides an update on the education and outreach ETWD is developing or has completed.

Drought Log

Customer Service continues to update the drought response log. This includes phone calls, walk-ins and emails regarding water waste complaints and ETWD's permanent mandatory conservation measure inquiries. There were two water waste complaints for excessive irrigation in the month of December.

Messaging/Materials

Bill Message

The customer January/February bill message: ETWD offers customers various water use efficiency rebates for inside and outside your home. Take advantage of these rebates at www.etwd.com/conservation/rebates.

Laguna Woods Village TV-6

Director Gaskins is scheduled for TV-6 on January 31st, 2020. Topic is to be determined.

School Education Program

Schedule for the school education program is as follows. For specific times, locations and if you would like to attend, please contact Sherri.

Del Cerro Elementary - February 10th.

Community Events Schedule:

Saturday, December 14, 2019 - Lake Forest 3rd Annual Elf Yourself 5K

ETWD provides the emergency drinking water trailer for the event and staff distributes water to participants. Each year the event is a big success. Our staff and trailer are placed where the runners pass and then the runners visit the booth afterwards to discuss water. Director Monin came out and visited with staff and the public.



January 11, 2020 – Girl Scout Water Resources and Conservation Patch Program

ETWD hosted the MWDOC and Girl Scouts of Orange County Girl Scout Water Resources and Conservation Patch Program at the ETWD Water Recycling Plant on Saturday, January 11, 2020. Approximately 45 Girl Scouts including Daisies, Brownies, Juniors and Cadettes earned their Water Resources and Conservation Patch. Director Havens welcomed the scouts before they began their tour of the Water Recycling Plant with ETWD staff and finished with an activity creating their own water filter. Each group ran water through their filter at the end of the activity to see how they did and they all did an amazing job.





Submitted by: Sherri Seitz 1/16/20

**EL TORO WATER DISTRICT
CONSERVATION PROGRAM
Monthly
Status Report
January 23, 2020**

REBATE PROGRAMS

The following tables are the current device rebate amounts for MET, MWDOC and ETWD for the fiscal year 2019/20 from July 1st through June 30th.

Select device purchases are eligible for rebates while devices meet eligibility requirements and while funding lasts. The rebate process is completed online through www.ocwatersmart.com. Customers without computer access can call 888-376-3314 to apply.

1) Residential Rebate Program:

Device	MET Rebate	MWDOC Grant	ETWD Rebate	Total Rebate (up to)
High Efficiency Clothes Washer (CEE tier one or better)	\$85		\$115	\$200
Premium High Efficiency Toilet (4 liter)	\$40		\$60	\$100
Rotating Sprinkler Nozzles (min 30 per home)	\$2 ea		\$1	\$3
Smart Irrigation Timer	\$80	\$100	\$100	\$280
Turf Removal Program (up to 5,000 sq ft)*	\$1 sq. ft.	\$2 sq. ft.		\$3 sq. ft.
Soil Moisture Sensor System <1 Acre >1 Acre	\$80 \$35/station	\$100	\$100	\$280 \$35/station
Rain Barrels Cisterns (200 -500 gallon) (501-999 gallon) (1,000 gallon or more)	\$35 \$250 \$300 \$350		\$15	\$50 \$250 \$300 \$350
Drip Irrigation (per kit and up to 5 kits)		\$90 base plus \$85		\$175 per kit

*Designated recycled water sites are not eligible for turf removal rebates. MWDOC Grant funding based on availability. ETWD has discontinued funding of synthetic turf rebates.

2) Commercial Plumbing/Irrigation Devices Rebate Program:

Device	MET Rebate	MWDOC Grant	ETWD Rebate	Total Rebate (up to)
Premium High Efficiency Toilet (4 liter)	\$40			\$40
Multi-family Premium High Efficiency Toilet (4 liter)	\$40			\$40
Zero Water/Ultra Low Water Urinal	\$200			\$200
Plumbing Flow Control Valve (min. 10)	\$5			\$5
Smart Irrigation Timer (weather based or central computer)	\$35/station			\$35/station
Rotating Sprinkler Nozzles (minimum quantity of 15)	\$2		\$1	\$3
Rotating Nozzles – Large Rotary	\$13			\$13
Turf Removal Program (up to 50,000 sq ft)*	\$1 sq. ft	\$2 sq. ft.		\$3 sq. ft.
Drip Irrigation (sq. ft.)(maximum 45,000 sq. ft)		\$0.20 sq. ft.		\$0.20 sq. ft.
Soil Moisture Sensor System	\$35/station	\$15/station		\$50/station

*Designated recycled water sites are not eligible for turf removal rebates. ETWD has discontinued synthetic turf rebates. Additional commercial rebates available online at ocwatersmart.com. MWDOC Grant funding based on availability.

WATER USE EFFICIENCY PLAN UPDATE (Water Conservation Plan)

The District Water Budget-Based Tiered Conservation Rate Structure (WBBTCRS) pricing structure is the primary plan that gives customers the incentive needed to be efficient. The Plan efforts initially will concentrate on those customers continually in the Inefficient and Excessive Tiers (Tiers 3 and 4). [As of December 2019 year-to-date sales, residential accounted for 60% of the overall Tier 3 usage and dedicated irrigation accounted for 61% of Tier 4 usage.](#)

TOTAL CONSUMPTION COMPARISON TO EVAPOTRANSPIRATION (ET) FACTOR

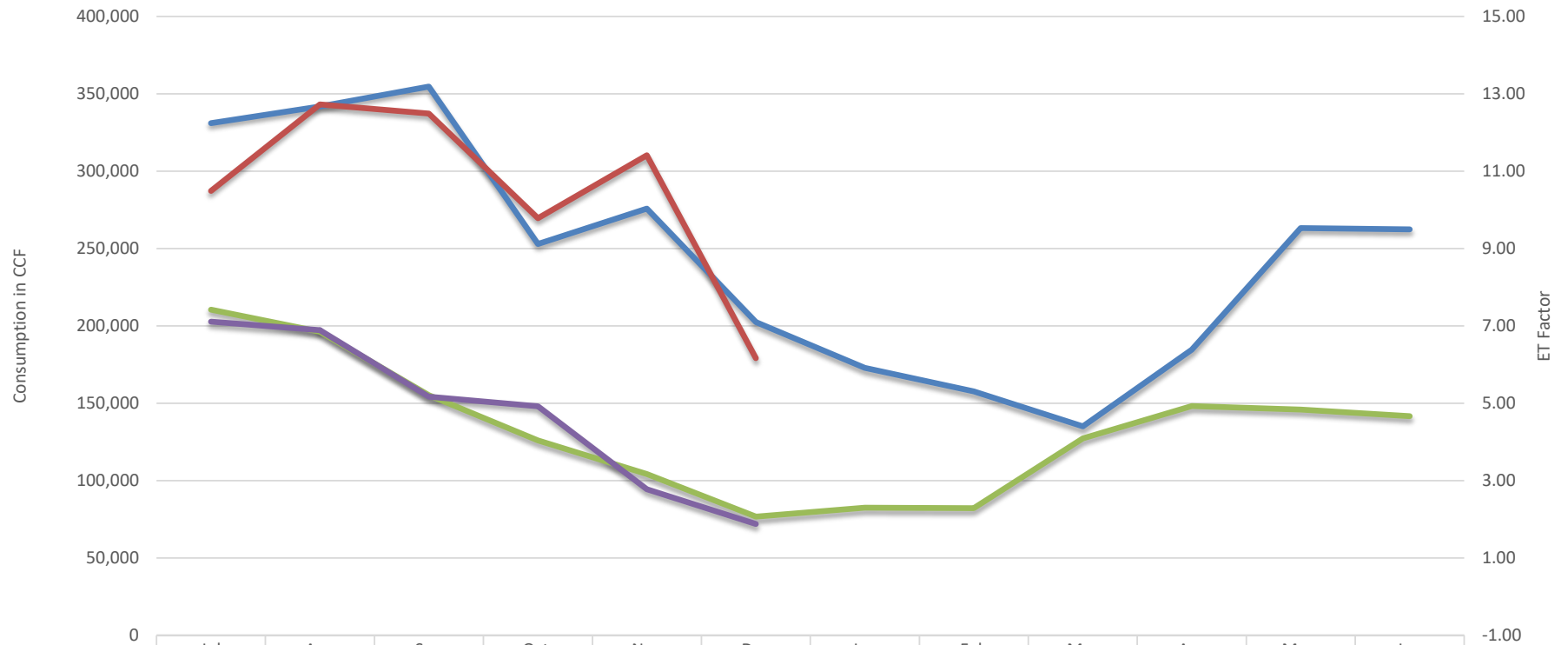
Included in this month's Conservation Report is a chart comparing the current fiscal year 2019/20 consumption and ET factor to the fiscal 2018/19 consumption and ET factor. [The ET factor decreased 10% from December 2018 when compared to December 2019. There was a 12% decrease in consumption reflected in December 2019.](#)

**MWDOC's—WATER USE EFFICIENCY PROGRAMS SAVINGS AND
IMPLEMENTATION REPORT / ETWD's—WATER USE EFFICIENCY PROGRAM
SAVINGS REPORT**

The current MWDOC water use efficiency program savings reports were not updated for December and not included in this month's report.

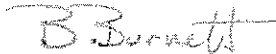
**By: Sherri Seitz
Date: January 15, 2020**

Total Consumption Comparison



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2018-2019	331,098	341,819	354,683	253,007	275,853	202,506	172,911	157,696	135,090	184,628	263,218	262,396
2019-2020	287,207	343,163	337,247	269,666	310,344	179,155						
18/19 ET	7.42	6.85	5.21	4.04	3.17	2.07	2.30	2.29	4.09	4.93	4.84	4.67
19/20 ET	7.11	6.89	5.17	4.92	2.78	1.88						
%	87%	100%	95%	107%	113%	88%	0%	0%	0%	0%	0%	0%

I hereby certify that the following Agenda was posted at least 24 hours prior to the time of the Board Meeting so noticed below, at the usual agenda posting location of the South Orange County Wastewater Authority [SOCWA] and at www.socwa.com.



Betty Burnett, General Manager
SOCWA and the Board of Directors thereof

AGENDA

Special Meeting of The South Orange County Wastewater Authority Board of Directors

January 9, 2019
8:30 a.m.

THE BOARD OF DIRECTORS MEETING ROOM IS LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA. THE ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY-RELATED ACCOMMODATIONS (I.E., ACCESS TO AN AMPLIFIED SOUND SYSTEM, ETC.), PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S BOARD SECRETARY'S OFFICE AT 949-234-5452 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING. THIS AGENDA CAN BE OBTAINED IN AN ALTERNATE FORMAT UPON WRITTEN REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD SECRETARY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY OFFICE, 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN TWENTY-FOUR (24) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE BOARD OF DIRECTORS, EXCEPT THAT, IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE BOARD OF DIRECTORS MEETING ROOM.

1. CALL MEETING TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ORAL COMMUNICATIONS

Members of the public may address the board regarding an item on the agenda or may reserve this opportunity during the meeting at the time the item is discussed by the board. There will be a three-minute limit for public comments.

AGENDA
South Orange County Wastewater Authority
Board of Directors Meeting
January 9, 2019

4. CONSENT CALENDAR

PAGE NO

- A. Minutes of Board of Directors Meeting (s) 1
- 1) Board of Directors Meeting November 7, 2019
 - 2) Board of Directors Meeting December 12, 2019
- ACTION The Board will be requested to approve subject Minutes.
- B. Minutes of Finance Committee (s) 15
- 1) Finance Committee Meeting Minutes September 3, 2019
- ACTION The Board will be requested to receive and file subject Minutes.
- C. Financial Reports for the Month of October 2019 18
- a) Summary of Disbursements for October 2019 (Exhibit A)
 - b) Schedule of Funds Available for Reinvestment (Exhibit B)
 - c) Local Agency Investment Fund (LAIF)
 - d) Schedule of Cash and Investments (Exhibit C)
 - e) Budget vs. Actual Expenses:
 - O&M Environmental Safety Costs Summary (Exhibit E-1)
 - O&M Environmental Safety Costs by PC (Exhibit E-1.2)
 - Residual Engineering, After Transfer to Capital (Exhibit E-2)
 - Administration (Exhibit E-3)
 - Information Technology (Exhibit E-4)
- ACTION Staff recommends the Board of Directors to ratify the October 2019 disbursements for the period of October 1, 2019, through October 31, 2019, totaling \$2,417,679, and to receive and file the October 2019 Financial Reports as submitted.
- D. Financial Reports for the Month of November 2019..... 35
- a) Summary of Disbursements for November 2019 (Exhibit A)
 - b) Schedule of Funds Available for Reinvestment (Exhibit B)
 - c) Local Agency Investment Fund (LAIF)
 - d) Schedule of Cash and Investments (Exhibit C)
- ACTION Staff recommends the Board of Directors to ratify the November 2019 disbursements for the period of November 1, 2019, through November 30, 2019, totaling \$2,154,482, and to receive and file the November 2019 Financial Reports as submitted.
- E. Operational Reports – November 2019 40
- 1) Monthly Operations Report – November 2019
 - 2) Ocean Outfall Discharges
 - 3) Beach/Ocean Monitoring Report
 - 4) Recycled Water Report
 - 5) Pretreatment Report – December 2019

AGENDA
South Orange County Wastewater Authority
Board of Directors Meeting
January 9, 2019

PAGE NO

ACTION The Board will be requested to receive and file the
November 2019 Operations Reports.

F. Capital Improvement Program Status Report 81

ACTION The Board will be requested to receive and file report(s).

5. GENERAL MANAGER'S REPORTS

A. Resolution No. 2020-01 Approving A Revised Employee Manual..... 95

ACTION Staff recommends the Board to approve "Resolution No. 2020-01 of the Board of Directors of the South Orange County Wastewater Authority Documenting Approval of the Revised Employee Manual for all SOCWA Employees".

B. Resolution No. 2020-02 Approving A Memorandum of Understanding with the SOCWA Employee Association for the period July 1, 2020 to June 30, 2023 155

ACTION Staff recommends the Board approve "Resolution No. 2020-02 of the Board of Directors of the South Orange County Wastewater Authority Approving a Memorandum of Understanding with the SOCWA Employee Association for the Period July 1, 2020 to June 30, 2023".

C. Alternate Board Secretary

ACTION The Board will be requested appoint Danita Hirsh as Alternate Board Secretary.

D. General Manager's Status Report 183

ACTION Information and discussion

6. CLOSED SESSION

A. Closed Session Pursuant to Government Code Section 54957

1. Public Employee Performance Evaluation – Title: General Manager

7. OTHER MATTERS

A. Open discussion or items received too late to be agendized.

Note: Determine the need to take action on the following item(s) introduced by the General Manager which arose subsequent to the agenda being posted.

AGENDA
South Orange County Wastewater Authority
Board of Directors Meeting
January 9, 2019

[Adoption of this action requires a two-thirds vote of the Board, or
if less than two-thirds are present a unanimous vote.]

8. ADJOURNMENT

THE NEXT SOCWA BOARD MEETING
FEBRUARY 6, 2020

**NOTICE OF SPECIAL MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
ENGINEERING COMMITTEE**

January 16, 2020

8:30 a.m.

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee has been scheduled to be held on **January 16, 2020, at 8:30 a.m.** at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS (J.E., ACCESS TO AN AMPLIFIED SOUND SYSTEM, ETC.) PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON WRITTEN REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING

AGENDA EXHIBITS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ENGINEERING COMMITTEE IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY OFFICE, 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN 24 HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE ENGINEERING COMMITTEE MEMBERS, EXCEPT THAT, IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE ENGINEERING COMMITTEE MEETING ROOM.

AGENDA

1. Call Meeting to Order

2. Public Comments

PERSONS WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON MATTERS NOT LISTED ON THE AGENDA MAY DO SO AT THIS TIME. "REQUEST TO BE HEARD" FORMS ARE AVAILABLE AT THE ENTRANCE TO THE BOARD ROOM. COMMENTS ARE LIMITED TO THREE (3) MINUTES UNLESS FURTHER TIME IS GRANTED BY THE PRESIDING OFFICER. SUBMIT FORM TO THE CLERK OF THE BOARD PRIOR TO THE BEGINNING OF THE MEETING.

THOSE WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON ANY ITEM LISTED ON THE AGENDA SHOULD SUBMIT A "REQUEST TO BE HEARD" FORM TO THE CLERK OF THE BOARD BEFORE THE PRESIDING OFFICER ANNOUNCES THAT AGENDA ITEM. YOUR NAME WILL BE CALLED TO SPEAK AT THAT TIME.

3. Approval of Minutes

- Engineering Committee Meeting Minutes of September 12, 2019
- Engineering Committee Meeting Minutes of October 10, 2019

Recommended Action:

Staff recommends the Engineering Committee to approve subject minutes as submitted.

4. Operations Report

Recommended Action:

Information Item

5. Capital Improvement Construction Projects Report

Recommended Action:

Information Item

6. Consideration of the Addition of J.F. Shea Construction to the SOCWA Select List of General Contractors

Recommended Action:

Comments/Direction

7. J.B. Latham Treatment Plant Package B (Project Committee 2) Update

Recommended Action:

Information Item

8. Coastal Treatment Plant Facility Improvements (Project Committee 15) Update

Recommended Action:

Information Item

9. Regional Treatment Plant Cogeneration System (Project Committee 17) Update

Recommended Action:

Information Item

10. Cost Allocation Discussion – Fixed vs. Variable Flows (Project Committees 5 & 24)

Recommended Action:

Information Item

11. Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Engineering Committee at least 24 hours prior to the scheduled time of the Regular Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 24 hours prior to the time of the above-referenced Engineering Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 9th day of January 2020.



Betty C. Burnett, General Manager/Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
January 2, 2020, 8:30 a.m.

AGENDA

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC PARTICIPATION/COMMENTS

At this time members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken.

The Board requests, but does not require, that members of the public who want to address the Board complete a voluntary "Request to be Heard" form available from the Board Secretary prior to the meeting.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Determine need and take action to agendize item(s), which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present or, if less than two-thirds of the Board members are present, a unanimous vote.)

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>.

(NEXT RESOLUTION NO. 20__)

PRESENTATION/DISCUSSION/INFORMATION ITEMS

1. INPUT OR QUESTIONS ON MET ISSUES FROM THE MEMBER AGENCIES/MET DIRECTOR REPORTS REGARDING MET COMMITTEE PARTICIPATION

Recommendation: Receive input and discuss the information.

2. PRESENTATION BY MET LEGAL COUNSEL, PATTY QUILIZAPA REGARDING THE SAN DIEGO COUNTY WATER AUTHORITY/MET LAWSUIT AND SETTLEMENT OFFERS

Recommendation: Review and discuss the information presented.

3. DISCUSSION SERIES ON METROPOLITAN'S INTEGRATED RESOURCES PLAN: PART 2 – EXPECTED KEY POLICY ISSUES

Recommendation: Review and discuss the information presented.

4. METROPOLITAN'S PROPOSED BIENNIAL BUDGET AND RATES PROCESS FOR FISCAL YEARS 2020/21 AND 2021/22

Recommendation: Review and discuss the information presented.

5. WATER SUPPLY CONDITION UPDATE

Recommendation: Review and discuss the information presented.

6. METROPOLITAN 2020 SHUTDOWN STATUS

Recommendation: Review and discuss the information presented.

7. DELTA CONVEYANCE PROJECT ACTIVITIES UPDATE

Recommendation: Review and discuss the information presented.

8. MET ITEMS CRITICAL TO ORANGE COUNTY (The following items are for informational purposes only – a write up on each item is included in the packet. Discussion is not necessary unless requested by a Director)

- a. MET's Water Supply Conditions
- b. MET's Finance and Rate Issues
- c. Colorado River Issues
- d. Bay Delta/State Water Project Issues
- e. MET's Ocean Desalination Policy and Potential Participation in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects
- f. South County Projects

Recommendation: Review and discuss the information presented.

9. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS

- a. Summaries regarding November and December Board Meetings
- b. Review items of significance for MET Board and Committee Agendas

Recommendation: Review and discuss the information presented.

ADJOURNMENT

Note: 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 accommodations should make the request with adequate time before the meeting for the District to provide the requested accommodations.

MEETING OF THE BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Jointly with the
PLANNING & OPERATIONS COMMITTEE

January 6, 2020, 8:30 a.m.

Conference Room 101

Teleconference Location:

4519 4th Avenue, N.E.

Seattle, WA 98105

(949) 422-2371

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

P&O Committee:

Director Yoo Schneider, Chair

Director Tamaribuchi

Director Dick

Staff: R. Hunter, K. Seckel, J. Berg,
H. De La Torre, K. Davanaugh,
D. Harrison

Ex Officio Member: Director Tamaribuchi

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 COMMENTS - 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)

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PRESENTATIONS

1. FY 2019-20 DEPARTMENT ACTIVITIES PRESENTATIONS
 - a. Water Use Efficiency Department
 - b. Metropolitan Issues and Water Policy
 - c. Reliability Planning & Engineering
 - d. WEROC

INFORMATION ITEMS (The following items are for informational purposes only – background information is included in the packet. Discussion is not necessary unless a Director requests.)

2. CDM SMITH ANALYSIS OF THE COSTS AND BENEFITS OF NEW 800,000 AF RESERVOIR COMPARED TO A 400,000 AF SURFACE RESERVOIR IN SOUTHERN CALIFORNIA
3. STATUS REPORTS
 - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
 - b. WEROC
 - c. Water Use Efficiency Projects
4. REVIEW OF ISSUES RELATED TO CONSTRUCTION PROGRAMS, WATER USE EFFICIENCY, FACILITY AND EQUIPMENT MAINTENANCE, WATER STORAGE, WATER QUALITY, CONJUNCTIVE USE PROGRAMS, EDUCATION, DISTRICT FACILITIES, and MEMBER-AGENCY RELATIONS

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.

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MEETING OF THE BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Jointly with the

ADMINISTRATION & FINANCE COMMITTEE

January 8, 2020, 8:30 a.m.

Conference Room 101

Teleconference Location:

4519 4th Avenue, N.E.

Seattle, WA 98105

(949) 422-2371

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

A&F Committee:

J. Thomas, Chair

J. Finnegan

R. McVicker

Staff: R. Hunter, K. Seckel, J. Berg,

H. De La Torre, K. Davanaugh, C. Harris,

H. Chumpitazi

Ex Officio Member: S. Tamaribuchi

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PUBLIC COMMENTS - 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)

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PROPOSED BOARD CONSENT CALENDAR ITEMS

1. **TREASURER'S REPORT**

- a. Revenue/Cash Receipt Report – December 2019
- b. Disbursement Approval Report for the month of January 2020
- c. Disbursement Ratification Report for the month of December 2019
- d. GM Approved Disbursement Report for the month of December 2019
- e. Water Use Efficiency Projects Cash Flow – December 31, 2019
- f. Consolidated Summary of Cash and Investment – November 2019

- g. OPEB and Pension Trust Fund monthly statement
- 2. FINANCIAL REPORT - Combined Financial Statements and Budget Comparative for the Period ending November 30, 2019

ACTION ITEMS

- 3. APPROVE REVISIONS TO THE ADMINISTRATIVE CODE SECTION 1307 AND THE GENERAL MANAGER'S PERFORMANCE EVALUATION GUIDELINES

DISCUSSION ITEMS

- 4. DEPARTMENT ACTIVITIES UPDATES
 - a. Public Affairs Department
 - b. Government Affairs Department
 - c. Administration Department
 - d. Finance Department
- 5. FY 2019-20 BUDGET YEAR END PROJECTIONS & CONCEPTUAL FY 2020-21 BUDGET REVIEW

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

- 6. DEPARTMENT ACTIVITIES REPORTS
 - a. Administration
 - b. Finance and Information Technology
- 7. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

OTHER ITEMS

- 8. REVIEW ISSUES REGARDING DISTRICT ORGANIZATION, PERSONNEL MATTERS, EMPLOYEE BENEFITS FINANCE AND INSURANCE

ADJOURNMENT

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REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
January 15, 2020, 8:30 a.m.

AGENDA

MOMENT OF SILENCE

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC COMMENTS/PARTICIPATION

At this time, members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken. If the item is on the Consent Calendar, please inform the Board Secretary before action is taken on the Consent Calendar and the item will be removed for separate consideration.

The Board requests, but does not require, that members of the public who want to address the Board complete a voluntary "Request to be Heard" form available from the Board Secretary prior to the meeting.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Determine need and take action to agendize items(s) which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present, or, if less than two-thirds of the Board members are present, a unanimous vote of those members present.)

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>.

NEXT RESOLUTION NO. 2092

CONSENT CALENDAR (Items 1 to 5)

(All matters under the Consent Calendar will be approved by one motion unless a Board member requests separate action on a specific item)

1. MINUTES

- a. December 4, 2019 Adjourned Workshop Board Meeting
- b. December 18, 2019 Regular Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: December 2, 2019
- b. Administration & Finance Committee Meeting: December 11, 2019
- c. Public Affairs & Legislation Committee Meeting: December 16, 2019

- d. Executive Committee Meeting: December 19, 2019

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of December 31, 2019
b. MWDOC Disbursement Registers (December/January)

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of November 30, 2019
d. PARS Monthly Statement (OPEB Trust)
e. Water Use Efficiency Projects Cash Flow

Recommendation: Receive and file as presented.

4. FINANCIAL REPORT

- a. Combined Financial Statements and Budget Comparative for the Period ending November 30, 2019

Recommendation: Receive and file as presented.

5. APPROVE REVISIONS TO THE ADMINISTRATIVE CODE SECTION 1307 AND THE GENERAL MANAGER'S PERFORMANCE EVALUATION GUIDELINES

Recommendation: Approve the proposed revisions to Administrative Code Section 1307 and to the General Manager's Performance Evaluation Guidelines, as presented.

End Consent Calendar

ACTION ITEMS

6-1 STANDING COMMITTEE AND AD HOC COMMITTEE APPOINTMENTS FOR 2020; SCHEDULE OF COMMITTEE MEETING DATES FOR 2020

Recommendation: (1) Ratify the list of Standing Committee and Ad Hoc Committee Appointments as presented by the President of the Board; and (2) ratify Committee meeting dates/times for 2020.

6-2 ASSOCIATION AND COMMISSION APPOINTMENTS FOR 2020 RES. NO. ____

Recommendation: (1) Ratify the appointment of Representatives and Alternates to Associations as presented by the President of the Board; and (2) Adopt Resolution approving the appointment of one Representative and one Alternate to the Santiago Aqueduct Commission (SAC), for submission to SAC.

End Consent Calendar

INFORMATION CALENDAR (All matters under the Information Calendar will be Received/Filed as presented following any discussion that may occur)

7. GENERAL MANAGER'S REPORT, JANUARY 2020 (ORAL AND WRITTEN)

Recommendation: Receive and file report(s) as presented.

8. MWDOC GENERAL INFORMATION ITEMS

- a. Board of Directors - Reports re: Conferences and Meetings
- b. Requests for Future Agenda Topics

Recommendation: Receive and file as presented.

ADJOURNMENT

Note: 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 contacting 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.

SPECIAL MEETING OF THE
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Location: Westin Hotel, 686 Anton Blvd.
Executive Board Room, 3rd Floor, Costa Mesa, CA
January 18, 2020, 9:00 a.m.

AGENDA

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC COMMENTS/PARTICIPATION

At this time, members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken. If the item is on the Consent Calendar, please inform the Board Secretary before action is taken on the Consent Calendar and the item will be removed for separate consideration.

The Board requests that all members of the public who want to address the Board complete a "Request to be Heard" form available from the Board Secretary prior to the meeting.

CLOSED SESSION

1. PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Title: General Manager

Government Code Section 54957

Recommendation: Meet in closed session to conduct the performance evaluation of the General Manager.

2. ANNOUNCEMENTS FROM CLOSED SESSION

ADJOURNMENT

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MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PUBLIC AFFAIRS AND LEGISLATION COMMITTEE
January 20, 2020, 8:30 a.m.
Conference Room 101

Committee:

Director Yoo Schneider, Chair
Director Barbre
Director McVicker

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

Ex Officio Member: Director Tamaribuchi

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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 --

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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
2. SOUTHERN CALIFORNIA WATER ISSUES CONGRESSIONAL DELEGATION BRIEFING LUNCHEON (DC)
3. 2019 SOCIAL MEDIA AUDIT

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. FEBRUARY 12, 2020 WATER POLICY FORUM & DINNER
5. 2020 OC WATER SUMMIT
6. EDUCATION PROGRAMS UPDATE
7. PUBLIC AND GOVERNMENT 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.

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**LOCAL AGENCY FORMATION COMMISSION
ORANGE COUNTY**

2677 North Main Street, Suite 1050
Santa Ana, CA 92705
(714) 640-5100 ♦ FAX (714) 640-5139

REGULAR MEETING AGENDA

**Wednesday, January 8, 2020
8:15 a.m.**

**Planning Commission Hearing Room
Hall of Administration
333 W. Santa Ana Blvd.
10 Civic Center Plaza, Santa Ana, CA 92701**

Any member of the public may request to speak on any agenda item at the time that item is being considered by the Commission.

- 1. CALL THE MEETING TO ORDER**
- 2. PLEDGE OF ALLEGIANCE – COMMISSIONER BUCKNUM**
- 3. ROLL CALL**
- 4. ANNOUNCEMENT OF SUPPLEMENTAL COMMUNICATIONS
(Received After Agenda Distribution)**
- 5. APPROVAL OF MINUTES**

a.) November 13, 2019 – Regular Commission Meeting

- 6. PUBLIC COMMENT**

This is an opportunity for members of the public to address the Commission on items not on the agenda, provided that the subject matter is within the jurisdiction of the Commission and that no action may be taken on an off-agenda item(s) unless authorized by law.

- 7. CONSENT CALENDAR**

a.) Appointment Process for OC LAFCO Expiring Terms

The Commission will receive an update on the appointment process for the board member seats that have expiring terms for 2020.

- 8. PUBLIC HEARING**

No public hearing items scheduled.

9. COMMISSION DISCUSSION AND ACTION

a.) OC LAFCO Fiscal Year 2019-20 Work Plan Mid-Year Update

The Commission will receive a mid-year update on the Fiscal Year 2019-20 Work Plan.

b.) Legislative Report

The Commission will receive a report on legislation of LAFCO interest anticipated for the 2019-20 legislative session.

c.) OC LAFCO Professional Services Agreement Update and One-Year Extension of Agreement with Davis Farr LLP for Auditing Services

The Commission will receive the annual update on the current professional services agreements and consider a one-year extension of the professional agreement with Davis Farr LLP.

d.) Election of LAFCO Officers for 2020

The Commission will elect an OC LAFCO Chair and Vice Chair for 2020.

10. COMMISSIONER COMMENTS

This is an opportunity for Commissioners to comment on issues not listed on the agenda, provided that the subject matter is within the jurisdiction of the Commission. No discussion or action may occur or be taken, except to place the item on a future agenda if approved by Commission majority.

11. EXECUTIVE OFFICER'S REPORT

Executive Officer's report on upcoming events and activities of the Executive Officer since last meeting.

12. INFORMATIONAL ITEMS & ANNOUNCEMENTS

a.) Cancellation of February 2020 Regular Meeting

The Commission's February regularly scheduled meeting is cancelled.

13. CLOSED SESSION

No closed session items scheduled.

14. ADJOURNMENT OF REGULAR COMMISSION MEETING

NOTICE REGARDING ITEMS DISTRIBUTED TO THE COMMISSION LESS THAN 72 HOURS PRIOR TO THE LAFCO REGULAR MEETING:

Pursuant to Government Code Section 54957.5 public records that relate to open session agenda items that are distributed to a majority of the Commission less than seventy-two (72) hours prior to the meeting will be available to the public at Orange County LAFCO offices at 2677 North Main Street, Suite 1050, Santa Ana, CA 92705 during regular business hours. These records when possible will also be made available on the OC LAFCO website at <http://www.oclafco.org>.

NOTICE: *State law requires that a participant in an OC LAFCO proceeding who has a financial interest in a decision and who has made a campaign contribution of more than \$250 to any commissioner in the past year must disclose the contribution. If you are affected, please notify the Commission's staff before the hearing.*

OC LAFCO Agendas and supporting documentation are available on the Internet at <http://oclafco.org>.



Executive Committee Meeting

Tuesday, January 7, 2020

7:30 a.m.

Municipal Water District of Orange County, Conference Room 101

Mailing Address

P.O. Box 20895
Fountain Valley, CA 92728

Meeting Location

MWDOC/OCWD
18700 Ward Street
Fountain Valley, CA 92708

(714) 963-3058
(714) 964-5930 fax

www.mwdoc.com/isdoc

Executive Committee

President
Hon. Sandra Jacobs
Santa Margarita Water District

1st Vice President
Hon. Mark Monin
El Toro Water District

2nd Vice President
Hon. Arlene Schafer
Costa Mesa Sanitary District

3rd Vice President
Hon. Mary Aileen Matheis
Irvine Ranch Water District

Secretary
Hon. William "Bill" Green
South Coast Water District

Treasurer
Hon. Joan C. Finnegan
Municipal Water District of Orange County

Immediate Past President
Hon. James Fisler
Mesa Water District

Staff Administration

Heather Baez
Municipal Water District of Orange County

Christina Hernandez
Municipal Water District of Orange County

AGENDA

I. Welcome, Introductions – 7:30 am

[Please silence cell phones]

II. Approval of Minutes – 7:35 am

- Consider approval of the minutes for the December 10, 2019 meeting.

III. Public Comments on items not on the agenda- 7:40 am

IV. New Business – 7:45 am

V. Treasurer's Report – 7:50 am – Director Finnegan

- December report of accounts.

VI. CSDA Report – 7:55 am – Director Schafer

- Receive, discuss and file the CSDA Report

VII. LAFCO Report – 8:00 am – Director Fisler

- Receive, discuss and file the LAFCO report

VIII. ACWA Report – 8:05 am – Director Jacobs

- Receive, discuss and file the ACWA report.

IX. OCCOG Report – 8:10 am – Director Scheafer

- A. Receive, discuss and file OCCOG report

X. Orange County Operational Area Report - 8:15 am – Director Monin

- B. Receive, discuss and file OCOA report

XI. Subcommittee Reports – 8:20 am

- Programs
 - 2020 Quarterly Luncheons
- Membership
- Legislative
 - Discuss and consider taking action on proposed legislation of interest to Special Districts.

XII. Adjourn – 8:30 am

Next Executive Committee Meeting: Tuesday, February 4, 2020

Next Quarterly Luncheon: Thursday, January 30, 2020



ISDOC Executive Committee

December 10, 2019

Minutes

I. Welcome

President Sandra Jacobs called the meeting to order at 7:30 a.m.

Sandra Jacobs, President (SMWD)

Arlene Schafer (CMSD)

Bill Green, Secretary (SCWD)

Joan Finnegan, Treasurer (MWDOC)

Jim Fisler, Past President (Mesa WD/LAFCO)

Others Present:

Gavin Centeno (OC LAFCO)

Bill Nelson, (OCCD/CSDA)

Mike Gaskins (ETWD)

Greg Mills (Serrano WD)

Heather Baez (MWDOC)

Christina Hernandez (MWDOC)

Jody Brennan (SCWD)

II. Minutes

The minutes of the November 5, 2019 meeting were reviewed. Upon a motion by Arlene Schafer and second by Joan Finnegan, the minutes were unanimously approved.

III. Public Comments

None.

IV. New Business

A. LAFCO Dues Formula

President Sandra Jacobs reported the Ad Hoc Committee met on November 13, 2019 to discuss the LAFCO dues formula. The Ad Hoc Committee developed a draft formula that still needs clarification on Enterprise versus Non-Enterprise Districts. President Jacobs distributed copies of the recalculation of dues based on the Ad Hoc Committee recommended formula. Bill Nelson expressed concerns over some of the proposed increases for certain districts. Jim Fisler requested a comparison of the previously presented dues recalculation (from the prior Ad Hoc Committee). President Jacobs said the Ad Hoc Committee would meet again in January 2020 and bring a recommendation to the Executive Committee at the February 2020 meeting. Bill Nelson will be joining the Ad Hoc Committee.

V. Treasurer's Report

Joan Finnegan reported a balance of \$13,708.45.

VI. CSDA Report

Arlene Schafer provided the following update:

- The next conference will be August 24 – 26, 2020 in Palm Springs.
- There were some changes in Committee assignments and staff positions for the upcoming year.
- Section B seat is currently available; Arlene Schafer will report on this vacancy at the January 2020 ISDOC Executive Committee meeting.

Bill Nelson reported he did not run again and has completed his service on CSDA and ISDOC. He thanked everyone for the opportunity.

VII. LAFCO Report

Jim Fisler reported there will not be a meeting in December 2019 and the next meeting will be January 8, 2020. He also reported that in March 2020 OC LAFCO will be hosting the statewide LAFCO Staff Workshop in Orange County this year.

VIII. ACWA Report

Sandra Jacobs reported the election results from the ACWA conference on December 4 were Steve Lamar (IRWD) as President and Pam Tobin (San Juan Water) as Vice President and the new Region 10 Board member is George Murdoch (EOCWD)

IX. OCCOG Report

None

X. Orange County Operational Area Report

None

XI. Subcommittee Reports

- Programs: The first Quarterly Luncheon will be held on January 30, 2020; still in the process of securing a speaker. The Ethics/Form 700 Training (complimentary to ISDOC members) is scheduled for March 17, 2020 at the MWDOC office.
- Membership: None
- Legislative Update: None

XII. Adjourn

The meeting adjourned at 8:23.



AGENDA

Friday, January 10, 2020

7:30 a.m. - 9:00 a.m.

Doors open at 7:00 a.m.

OCWD/MWDOC JOINT BOARD ROOM
18700 Ward Street, Fountain Valley

Mailing Address

P.O. Box 8300
Fountain Valley, CA 92708

Meeting Location

18700 Ward Street
Fountain Valley, CA 92708

(714) 378-3200
(714) 963-0291 fax

www.ocwd.com/news-events/events/waco
www.mwdoc.com/waco

Officers

Chair

Hon. Jim Atkinson
Mesa Water District

Vice Chair

Hon. Cathy Green
Orange County Water District

Staff Contacts

Alicia Dunkin
Orange County Water District

Heather Baez
Municipal Water District of Orange County

Pledge of Allegiance

Announcements & Introductions

- Jim Atkinson, Mesa Water District

Reports

- Association of California Water Agencies (ACWA) Report – Cathy Green, Orange County Water District
- Metropolitan Water District of Southern California Report – Linda Ackerman, Metropolitan Water District of Southern California

Program – PFAS: Where Are We Now & Where Are We Going?

- Pat Versluis, Director of Water Quality, Orange County Water District
- Karl Seckel, Assistant General Manager, Municipal Water District of Orange County
- Meg McWade, Director of Public Works, City of Fullerton

Adjourn

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Next WACO Meeting

Friday, February 7, 7:30 a.m. @ OCWD/MWDOC Joint Boardroom

Next WACO Planning Committee Meeting

Tuesday, January 21, 7:30 a.m. @ MWDOC 101

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/orangecountywater

DATES TO REMEMBER
JANUARY/FEBRUARY 2020

1. Jan 24 – 7:30 a.m. – South Orange County Economic Coalition (Laguna Hills)
2. Jan 24 - 11:30 a.m. – Chair/GM
3. Jan 24 – 12:00 p.m. – SCWC Quarterly Luncheon (Ontario)
4. Jan 28 – 12:00 p.m. – SOCWMA Management (TCWD)
5. Jan 30 – 11:30 a.m. – ISDOC Quarterly Luncheon
6. Jan 31 – DISTRICT OFFICE CLOSED
7. Jan 31 – 8:00 a.m. – TV-6 (Gaskins)
8. Feb 3 – 1:30 p.m. – SOCWMA Management Committee Meeting
9. Feb 4 – 7:30 a.m. – ISDOC Executive Committee Meeting
10. Feb 4 – 10:00 a.m. – RRC Meeting
11. Feb 5 - 8:30 a.m. – MWDOC/MET Directors Workshop
12. Feb 6-7 – CalDesal Conference (Santa Barbara)
13. Feb 6 – 8:30 a.m. – SOCWA Board Meeting
14. Feb 6 – 2:30 p.m. – SOCWMA Executive Committee Meeting
15. Feb 7 – 7:30 a.m. – WACO Meeting
16. Feb 7 – 11:30 a.m. – Chair/GM Meeting
17. Feb 10 – 8:30 a.m. – MWDOC Public Affairs Meeting
18. Feb 12 – 8:30 a.m. – LAFCO
19. Feb 12 – 8:30 a.m. – MWDOC Admin/Finance Committee Meeting
20. Feb 12 – 5:30 p.m. – MWDOC Water Policy Forum (Avenue of the Arts Hotel, Costa Mesa)
21. Feb 13 – 8:30 a.m. – SOCWA Engineering Committee Meeting
22. Feb 13 – 11:30 a.m. – CAG Meeting
23. Feb 14 – DISTRICT OFFICE CLOSED
24. Feb 17 – Presidents Day – DISTRICT OFFICE CLOSED
25. Feb 18 – 7:30 a.m. – Agenda Review Meeting
26. Feb 18 – 7:30 a.m. – WACO Planning Committee Meeting

27. Feb 19 – 8:30 a.m. – MWDOC Board Meeting
28. Feb 19 – 11:30 a.m. – OCWA Luncheon
29. Feb 19-21 – Urban Water Conference (Palm Springs)
30. Feb 20 – 10:30 a.m. – MWDOC Managers Meeting
31. Feb 21 – 11:30 a.m. – Chair/GM Meeting
32. Feb 24 – 7:30 a.m. – Regular Engineering/Finance Committee Meetings
33. Feb 26 – 10:00 a.m. – LF Quarterly Utility Meeting
34. Feb 27 – 7:30 a.m. – Regular Board Meeting
35. Feb 28 – 7:30 a.m. – South Orange County Economic Coalition Meeting
36. Feb 28 – 8:00 a.m. – TV-6 (Freshley)
37. Feb 28 – DISTRICT OFFICE CLOSED

EL TORO WATER DISTRICT

Glossary of Water Terms

Accumulated overdraft: The amount of water necessary to be replaced in the intake area of the groundwater basin to prevent the landward movement of ocean water into the fresh groundwater body.

Acre-foot, AF: A common water industry unit of measurement. An acre-foot is 325,851 gallons, or the amount of water needed to cover one acre with water one foot deep. An acre-foot serves annual needs of two typical California families.

ACWA: Association of California Water Agencies.
A statewide group based in Sacramento that actively lobbies State and Federal Government on water issues.

Advanced treatment: Additional treatment processes used to clean wastewater even further following primary and secondary treatment. Also known as tertiary treatment.

AFY: Acre-foot per year.

Alluvium: A stratified bed of sand, gravel, silt, and clay deposited by flowing water.

AMP: Allen McCulloch pipeline.

Major pipeline transporting treated water to water districts between Yorba Linda, where it starts to El Toro Water District reservoir, where it terminates.

Annexation: The inclusion of land within a government agency's jurisdiction.

Annual overdraft: The quantity by which the production of water from the groundwater supplies during the water year exceeds the natural replenishment of such groundwater supplies during the same water year.

Aqueduct: A man-made canal or pipeline used to transport water.

Aquifer: An underground geologic formation of rock, soil or sediment that is naturally saturated with water; an aquifer stores groundwater.

Arid: Dry; deserts are arid places. Semi-arid places are almost as dry as a desert.

Artesian: An aquifer in which the water is under sufficient pressure to cause it to rise above the bottom of the overlying confining bed, if the opportunity is provided.

Artificial recharge: The addition of surface water to a groundwater reservoir by human activity, such as putting surface water into recharge basins. (See also: groundwater recharge and recharge basin.)

AWWA American Water Works Association
Nationwide group of public and private water purveyors and related industrial suppliers.

Base flow: The portion of river surface flow which remains after deduction of storm flow and/or purchased imported water.

Bay-Delta: The Sacramento-San Joaquin Bay-Delta is a unique natural resource of local, state and national significance. The Delta is home to more than 500,000 people; contains 500,000 acres of agriculture; provides habitat for 700 native plant and animal species; provides water for more than 25 million Californians and 3 million acres of agriculture; is traversed by energy, communications and transportation facilities vital to the economic health of California; and supports a \$400 billion economy.

BIA: Building Industry Association.

Biofouling: The formation of bacterial film (biofilm) on fragile reverse osmosis membrane surfaces.

Biosolids: Solid organic matter recovered from a sewage treatment process and used especially as fertilizer.

BMP: Best Management Practice. An engineered structure or management activity, or combination of these, that eliminates or reduces adverse environmental effects.

Brackish water: A mixture of freshwater and saltwater.

Brown Act: Ralph M. Brown Act enacted by the State legislature governing all meetings of legislative bodies. Also known as the Open Meeting requirements.

Canal: A ditch used to move water from one location to another.

CASA: California Association of Sanitation Agencies The sanitation equivalent of ACWA concerned solely with issues affecting the treatment and disposal of solid waste and wastewater.

CEQA: California Environmental Quality Act.

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act. This federal law establishes the Superfund program for hazardous waste sites. It provides the legal basis for the United States EPA to regulate and clean up hazardous waste sites, and if appropriate, to seek financial compensation from entities responsible for the site.

CFS: Cubic feet per second.

Chloramines: A mixture of ammonia and chlorine used to purify water.

Clarify: To make clear or pure by separation and elimination of suspended solid material.

Coagulation: The clumping together of solids so they can more easily be settled out or filtered out of water. A chemical called aluminum sulfate (alum) is generally used to aid coagulation in water treatment and reclamation.

Coastkeepers: A non-profit organization dedicated to the protection and preservation of the marine habitats and watersheds of Orange County through programs of education, restoration, enforcement and advocacy.

Colored water: Groundwater extracted from the basin that is unsuitable for domestic use without treatment due to high color and odor exceeding drinking water standards.

Condensation: The process of water vapor (gas) changing into liquid water. An example of condensation can be seen in the tiny water droplets that form on the outside of a glass of iced tea as warmer air touches the cooler glass.

Confined aquifer: An aquifer that is bound above and below by dense layers of rock and contains water under pressure.

Conjunctive use: Storing imported water in a local aquifer, in conjunction with groundwater, for later retrieval and use.

Contaminate: To make unclean or impure by the addition of harmful substances.

CPCFA: California Pollution Control Financing Authority. State agency providing funds for wastewater reclamation projects.

Crisis:

1. **a:** The turning point for better or worse **b:** a paroxysmal attack of pain, distress, or disordered function **c:** an emotionally significant event or radical change of status in a person's life <a midlife crisis>
2. The decisive moment (as in a literary plot)
3. **a:** An unstable or crucial time or state of affairs in which a decisive change is impending; *especially* : one with the distinct possibility of a highly undesirable outcome <a financial crisis> **b:** a situation that has reached a critical phase

CTP Coastal Treatment Plant

CWPCA California Water Pollution Control Association. A 7000 member non-profit educational organization dedicated to water pollution control.

Dam: A barrier built across a river or stream to hold water.

Decompose: To separate into simpler compounds, substances or elements.

Deep percolation: The percolation of surface water through the ground beyond the lower limit of the root zone of plants into a groundwater aquifer.

Degraded water: Water within the groundwater basin that, in one characteristic or another, does not meet primary drinking water standards.

Delta: Where the rivers empty; an outlet from land to ocean, also where the rivers deposit sediment they carry forming landforms.

Delta Vision: Delta Vision is intended to identify a strategy for managing the Sacramento-San Joaquin Delta as a sustainable ecosystem that would continue to support environmental and economic functions that are critical to the people of California.

Demineralize: To reduce the concentrations of minerals from water by ion exchange, distillation, electro-dialysis, or reverse osmosis.

De-nitrification: The physical process of removing nitrate from water through reverse osmosis, microfiltration, or other means.

Desalting (or desalination): Removing salts from salt water by evaporation or distillation. Specific treatment processes, such as reverse osmosis or multi-stage flash distillation, to demineralize seawater or brackish (saline) waters for reuse. Also sometimes used in wastewater treatment to remove salts other pollutants.

Desilting: The physical process of removing suspended particles from water.

Dilute: To lessen the amount of a substance in water by adding more water.

Disinfection: Water treatment which destroys potentially harmful bacteria.

Drainage basin: The area of land from which water drains into a river, for example, the Sacramento River Basin, in which all land area drains into the Sacramento River. Also called catchment area, watershed, or river basin.

Drought: A prolonged period of below-average precipitation.

DPHS: California Department of Public Health Services. Regulates public water systems; oversees water recycling projects; permits water treatment devices; certifies drinking water treatment and distribution operators; supports and promotes water system security; provides support for small water systems and for improving technical, managerial, and financial (TMF) capacity; provides funding opportunities for water system improvements.

DVL: Diamond Valley Lake. Metropolitan's major reservoir near Hemet, in southwestern Riverside County.

DWR: California Department of Water Resources. Guides development/management of California's water resources; owns/operates State Water Project and other water facilities.

Endangered Species: A species of animal or plant threatened with extinction.

Endangered Species Act of 1973 (ESA): The most wide-ranging of the dozens of United States environmental laws passed in the 1970s. As stated in section 2 of the act, it was designed to protect critically imperiled species from extinction as a "consequence of economic growth and development untended by adequate concern and conservation.

Ecosystem: Where living and non-living things interact (coexist) in order to survive.

Effluent: Wastewater or other liquid, partially or completely treated or in its natural state, flowing from a treatment plant.

Evaporation: The process that changes water (liquid) into water vapor (gas).

Estuary: Where fresh water meets salt water.

Evapotranspiration: The quantity of water transpired (given off), retained in plant tissues, and evaporated from plant tissues and surrounding soil surface. Quantitatively, it is expressed in terms of depth of water per unit area during a specified period of time.

FCH Federal Clearing House – Environmental Review/Processing

FEMA Federal Emergency Management Agency

Filtration: The process of allowing water to pass through layers of a porous material such as sand, gravel or charcoal to trap solid particles. Filtration occurs in nature when rain water soaks into the ground and it passes through hundreds of feet of sand and gravel. This same natural process of filtration is duplicated in water and wastewater treatment plants, generally using sand and coal as the filter media.

Flocculation: A chemical process involving addition of a coagulant to assist in the removal of turbidity in water.

Forebay: A reservoir or pond situated at the intake of a pumping plant or power plant to stabilize water level; also, a portion of a groundwater basin where large quantities of surface water can recharge the basin through infiltration.

Gray water reuse: Reuse, generally without treatment, of domestic type wastewater for toilet flushing, garden irrigation and other non-potable uses. Excludes water from toilets, kitchen sinks, dishwashers, or water used for washing diapers.

Green Acres Project (GAP): A 7.5 million gallons per day (MGD) water reclamation project that serves tertiary treated recycled water to irrigation and industrial users in Costa Mesa, Fountain Valley, Huntington Beach, Newport Beach, and Santa Ana.

God Squad: A seven-member committee that is officially called the "Endangered Species Committee". Members consist of Secretary of the Interior, the Secretary of Agriculture, the Secretary of the Army, the Chairman of the Council of Economic Advisers, the Administrator of the National Oceanic and Atmospheric Administration and one individual from the affected state. The squad was established in 1978 by an amendment to the 1973 Endangered Species Act (ESA). It has only been called into action three times to deal with proposed federal agency actions that have been determined to cause "jeopardy" to any listed species. Such actions may receive an exemption from the ESA if five members of the committee determine that the action is of regional or national significance, that the benefits of the action clearly outweigh the benefits of conserving the species and that there are no reasonable and prudent alternatives to the action.

Groundwater: Water that has percolated into natural, underground aquifers; water in the ground, not water puddled on the ground.

Groundwater basin: A groundwater reservoir defined by the overlying land surface and the underlying aquifers that contain water stored in the reservoir. Boundaries of success-ively deeper aquifers may differ and make it difficult to define the limits of the basin.

Groundwater mining: The withdrawal of water from an aquifer in excess of recharge over a period of time. If continued, the underground supply would eventually be exhausted or the water table could drop below economically feasible pumping lifts.

Groundwater overdraft: The condition of a groundwater basin in which the amount of water withdrawn by pumping exceeds the amount of water that recharges the basin over a period of years during which water supply conditions approximate average.

Groundwater recharge: The action of increasing groundwater storage by natural conditions or by human activity. See also: Artificial recharge.

Ground Water Replenishment System (GWRS): A joint project of the Orange County Water District and the Orange County Sanitation District that will provide up to 100,000 acre-feet of reclaimed water annually. The high-quality water will be used to expand an existing underground seawater intrusion barrier and to replenish the groundwater basin underlying north and central Orange County.

Groundwater table: The upper surface of the zone of saturation (all pores of subsoil filled with water), except where the surface is formed by an impermeable body.

GPM: Gallons per minute.

Ground Water Replenishment System (GWRS): Orange County Water District's state-of-the-art, highly advanced, waste-water treatment facility.

Hydrologic balance: An accounting of all water inflow to, water outflow from, and changes in water storage within a hydrologic unit over a specified period.

Hydrologic cycle: The process of water constantly circulating from the ocean, to the atmosphere, to the earth in a form of precipitation, and finally returning to the ocean.

Imported water: Water that has originated from one hydrologic region and is transferred to another hydrologic region.

Inflatable rubber dams: Designed to replace temporary sand levees that wash out during heavy storm flow, the dams hold back high-volume river flows and divert the water into the off-river system for percolation.

Influent: Water or wastewater entering a treatment plant, or a particular stage of the treatment process.

Irrigation: Applying water to crops, lawns or other plants using pumps, pipes, hoses, sprinklers, etc.

JPIA Joint Powers Insurance Authority. A group of water agencies providing self-insurance to members of the ACWA.

LAIF Local Agency Investment Fund. Statewide pool of surplus public agency money managed by State Treasurer.

Leach: To remove components from the soil by the action of water trickling through.

MAF: Million acre feet.

MCL: Maximum contaminant level set by EPA for a regulated substance in drinking water. According to health agencies, the maximum amount of a substance that can be present in water that's safe to drink and which looks, tastes and smells good.

MET: Metropolitan Water District of Southern California.

MGD: Million gallons per day.

Microfiltration: A physical separation process where tiny, hollow filaments members separate particles from water.

Microorganism: An animal or plant of microscopic size.

MWD: Metropolitan Water District of Southern California.

MWDOC: Municipal Water District of Orange County. Intermediate wholesaler between MWD and 27 member agencies including ETWD.

Non-point source pollution: Pollution that is so general or covers such a wide area that no single, localized source of the pollution can be identified.

NPDES National Pollution Discharge Elimination System

OCBC: Orange County Business Council.

OCEMA Orange County Environmental Management Agency

OCWD: Orange County Water District.

Opportunity:

1. A favorable juncture of circumstances.
2. A good chance for advancement or progress .

Organism: Any individual form of life, such as a plant, animal or bacterium.

PCM Professional Community Management, Inc. Property Management company providing services to Laguna Woods Village and other homeowner associations.

Perched groundwater: Groundwater supported by a zone of material of low permeability located above an underlying main body of groundwater with which it is not hydrostatically connected.

Percolation: The downward movement of water through the soil or alluvium to the groundwater table.

Permeability: The capability of soil or other geologic formations to transmit water.

Point source: A specific site from which waste or polluted water is discharged into a water body, the source of which is identified. See also: non-point source.

Potable water: Suitable and safe for drinking.

PPB: Parts per billion.

Precipitation: Water from the atmosphere that falls to the ground as a liquid (rain) or a solid (snow, sleet, hail).

Primary treated water: First major treatment in a wastewater treatment facility, usually sedimentation but not biological oxidation.

Primary treatment: Removing solids and floating matter from wastewater using screening, skimming and sedimentation (settling by gravity).

Prior appropriation doctrine: Allocates water rights to the first party who diverts water from its natural source and applies the water to beneficial use. If at some point the first appropriator fails to use the water beneficially, another person may appropriate the water and gain rights to the water. The central principle is beneficial use, not land ownership.

Pumping Plant: A facility that lifts water up and over hills.

Recharge: The physical process where water naturally percolates or sinks into a groundwater basin.

Recharge basin: A surface facility, often a large pond, used to increase the infiltration of surface water into a groundwater basin.

Reclaimed wastewater: Wastewater that becomes suitable for a specific beneficial use as a result of treatment. See also: wastewater reclamation.

Reclamation project: A project where water is obtained from a sanitary district or system and which undergoes additional treatment for a variety of uses, including landscape irrigation, industrial uses, and groundwater recharge.

Recycling: A type of reuse, usually involving running a supply of water through a closed system again and again. Legislation in 1991 legally equates the term "recycled water" to reclaimed water.

Reservoir: A place where water is stored until it is needed. A reservoir can be an open lake or an enclosed storage tank.

Reverse osmosis: (RO) A method of removing salts or other ions from water by forcing water through a semi-permeable membrane.

RFP Request for Proposal

Riparian: Of or on the banks of a stream, river, or other body of water.

RO: Reverse osmosis. See the listing under "reverse osmosis."

R-O-W Right-of-way

Runoff: Liquid water that travels over the surface of the Earth, moving downward due to gravity. Runoff is one way in which water that falls as precipitation returns to the ocean.

RWQCB Regional Water Quality Control Board. State agency regulating discharge and use of recycled water.

Safe Drinking Water Act (SDWA): The Safe Drinking Water Act (SDWA) was originally passed by Congress in 1974 to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes, reservoirs, springs, and ground water wells. (SDWA does not regulate private wells which serve fewer than 25 individuals.) SDWA authorizes the United States Environmental Protection Agency (US EPA) to set national health-based standards for drinking water to protect against both naturally-occurring and man-made contaminants that may be found in drinking water. US EPA, states, and water systems work together to make sure that these standards are met.

Safe yield: The maximum quantity of water that can be withdrawn from a groundwater basin over a long period of time without developing a condition of overdraft, sometimes referred to as sustained yield.

SAFRA Santa Ana River Flood Protection Agency

Salinity: Generally, the concentration of mineral salts dissolved in water. Salinity may be measured by weight (total dissolved solids - TDS), electrical conductivity, or osmotic pressure. Where seawater is known to be the major source of salt, salinity is often used to refer to the concentration of chlorides in the water.

SAWPA: Santa Ana Watershed Project Authority.

SCADA Supervisory Control and Data Acquisition

SCAP Southern California Alliance of Publicly. Newly formed group of public agencies seeking reasonable regulation of sewer industry.

SCH State Clearing House – Environmental Review/Processing

Seasonal storage: A three-part program offered by Metropolitan Water District of Southern California:

STSS (Short Term Seasonal Storage) financially encourages agencies with local groundwater production capabilities to produce a higher percentage of their demand in the summer from their local groundwater supplies, thus shifting a portion of their demand on the MWD system from the summer to winter;

LTSS (Long Term Seasonal Storage) financially encourages retail agencies to take and store additional amounts of MWD water above their normal annual demands for later use; Replenishment Water provides less expensive interruptible water that is generally available and used to increase the operating yield of groundwater basins.

Seawater intrusion: The movement of salt water into a body of fresh water. It can occur in either surface water or groundwater basins.

Seawater barrier: A physical facility or method of operation designed to prevent the intrusion of salt water into a body of freshwater.

Secondary treatment: The biological portion of wastewater treatment which uses the activated sludge process to further clean wastewater after primary treatment. Generally, a level of treatment that produces 85 percent removal efficiencies for biological oxygen demand and suspended solids. Usually carried out through the use of trickling filters or by the activated sludge process.

Sedimentation: The settling of solids in a body of water using gravity.

Settle: To clarify water by causing impurities/solid material to sink to a container's bottom.

Sewer: The system of pipes that carries wastewater from homes and businesses to a treatment plant or reclamation plant. Sewers are separate from storm drains, which is a system of drains and pipes that carry rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain water is not treated before it is discharged.

SigAlert: Any unplanned event that causes the closing of one lane of traffic for 30 minutes or more, as opposed to a planned event, like road construction, which is planned.

SJBA San Juan Basin Authority

Sludge: The solids that remain after wastewater treatment. This material is separated from the cleaned water, treated and composted into fertilizer. Also called biosolids.

SOCWA South Orange County Wastewater Authority. Regional Joint Powers Authority formed for collection and treatment of sewerage (previously known as AWMA/SERRA/SOCRA). SOCWA member agencies:

CSC – City of San Clemente

CSJC – City of San Juan Capistrano

CLB – City of Laguna Beach

ETWD – El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD – South Coast Water District

SMWD – Santa Margarita Water District

TCWD – Trabuco Canyon Water District

SRF State Revolving Fund

Storm Drain: The system of pipes that carries rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain

water is not treated before it is discharged. Storm drains are separate from sewers, which is a separate system of pipes to carry wastewater from homes and businesses to a treatment plant or reclamation plant for cleaning.

Storm flow: Surface flow originating from precipitation and run-off which has not percolated to an underground basin.

SWP: State Water Project. An aqueduct system that delivers water from northern California to central and southern California.

SWRCB State Water Resources Control Board

TDS: Total dissolved solids. A quantitative measure of the residual minerals dissolved in water that remain after evaporation of a solution. Usually expressed in milligrams per liter.

Tertiary treatment: The treatment of wastewater beyond the secondary or biological stage. Normally implies the removal of nutrients, such as phosphorous and nitrogen, and a high percentage of suspended solids.

THM: Trihalomethanes. Any of several synthetic organic compounds formed when chlorine or bromine combine with organic materials in water.

TMA: Too many acronyms.

TMDL: Total maximum daily load; A quantitative assessment of water quality problems, contributing sources, and load reductions or control actions needed to restore and protect bodies of water.

Transpiration: The process in which plant tissues give off water vapor to the atmosphere as an essential physiological process.

Turbidity: Thick or opaque with matter in suspension; muddy water.

Ultraviolet light disinfection: A disinfection method for water that has received either secondary or tertiary treatment used as an alternative to chlorination.

VE Value Engineering

VOC: Volatile organic compound; a chemical compound that evaporates readily at room temperature and contains carbon.

Wastewater: Water that has been previously used by a municipality, industry or agriculture and has suffered a loss of quality as a result.

Water Cycle: The continuous process of surface water (puddles, lakes, oceans) evaporating from the sun's heat to become water vapor (gas) in the atmosphere. Water condenses into clouds and then falls back to earth as rain or snow (precipitation). Some precipitation soaks into the ground (percolation) to replenish groundwater supplies in underground aquifers.

Water rights: A legally protected right to take possession of water occurring in a natural waterway and to divert that water for beneficial use.

Water-use Efficiency: The water requirements of a particular device, fixture, appliance, process, piece of equipment, or activity.

Water year (USGS): The period between October 1st of one calendar year to September 30th of the following calendar year.

Watermaster: A court appointed person(s) that has specific responsibilities to carry out court decisions pertaining to a river system or watershed.

Water Reclamation: The treatment of wastewater to make it suitable for a beneficial reuse, such as landscape irrigation. Also called water recycling.

Watershed: The total land area that from which water drains or flows to a river, stream, lake or other body of water.

Water table: The top level of water stored underground.

WEF Water Environment Federation. Formerly – Water Pollution Control Federation (WPCF). International trade group advising members of sewage treatment techniques and their effect on the environment.

Weir box: A device to measure/control surface water flows in streams or between ponds.

Wellhead treatment: Water quality treatment of water being produced at the well site.

Wetland: Any area in which the water table stands near, at, or above the land surface for a portion of the year. Wetlands are characterized by plants adapted to wet soil conditions.

Xeriscape: Landscaping that requires minimal water.