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

November 24, 2020

7:30 a.m.

This Meeting is being conducted in accordance with Governor Newsom's Executive Order N-29-20 (Paragraph 3) and the conditions specified therein which waive certain provisions of the Brown Act.

In an effort to protect public health and prevent the spread of COVID-19 (Coronavirus), and in accordance with the Governor's Executive Order N-29-20, **there will be no public location for attending in person.**

The Order allows all Board Members to participate telephonically in the Meeting from remote locations. As such, Directors Monin, Gaskins, Vergara, Freshley and Havens will be participating telephonically.

Members of the public who wish to comment on any item within the jurisdiction of the District or on any item on the agenda, may observe and address the Meeting by joining at this link: https://us02web.zoom.us/j/87666553737. (Meeting ID: 876 6655 3737). Members of the public who wish only to listen to the telephonic meeting may dial in at the following numbers (669) 900-6833 or (346) 248-7799 with the same Meeting ID noted above. Please be advised the Meeting is being recorded.

CALL MEETING TO ORDER – President Monin

PLEDGE OF ALLEGIANCE – Director Freshley

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 may 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 Raully Russell, Maintenance Worker I, for 10 years of service with the District.

2. Mr. Cafferty will recognize and congratulate Jake Knoke, Maintenance Worker III, for 5 years of service with the District.

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

1. Mr. Cafferty will recognize and congratulate Jake Knoke, Maintenance Worker III, for obtaining his Water Utility Science – Water Distribution Certificate.

2. Mr. Cafferty will recognize and congratulate Steve Hancock, Maintenance Worker III, for obtaining his Water Utility Science – Water Distribution Certificate.

1. 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)

a. Consider approving the minutes of the October 22, 2020 Board meeting.

b. Consider approving the minutes of the November 9, 2020 Special Board meeting.

Recommended Action: The Board will be requested to approve the subject minutes.

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. Quarterly Review of the District's 401(k) Retirement Savings Plan (Reference Material Included)

A HighMark representative will review and comment on the investment performance of the District's 401(k) Retirement Savings Plan.

3. Director Reports for Meetings Attended (Oral Report)

GENERAL MANAGER ACTION ITEMS

4. COVID-19 Update (Reference Material Included)

Staff will provide an update on the status of the District response to the COVID-19 pandemic. Staff will provide a further update on the utilization of the Emergency Administrative Leave originally authorized at the March 23, 2020 Board Meeting and extended at the April 23, 2020, May 28, 2020, June 25, 2020, July 23, 2020, August 27, 2020, September 24, 2020, and the October 22, 2020 Board Meetings. The Employee Handbook, as amended, authorizes 160 hours per employee and requires Board approval for extensions of Emergency Administrative Leave.

Recommended Action: Staff recommends the Board of Directors grant the General Manager discretion to extend the use of Emergency Administrative Leave,

as necessary up to 160 hours per employee per month, until the February 25, 2021 meeting of the Board of Directors.

5. **Resolution No. 20-11-2 - Operational Area Agreement** (Reference Material Included)

Staff will review the new Operational Area Agreement that makes changes to the original 1995 document intended to reflect the current operational practices of the Orange County Emergency Management Organization.

Recommended Action: Staff recommends that the Board of Directors 1) adopt Resolution No. 20-11-2 which approves the 2020 Orange County Operational Area Agreement with the County of Orange and Political Subdivisions and 2) authorize the General Manager to execute the 2020 Orange County Operational Area Agreement with the County of Orange and Political Subdivisions by completing and submitting the signature page.

RESOLUTION NO. 20-11-2

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
WHICH APPROVES AND ADOPTS THE
OPERATIONAL AREA AGREEMENT
TO REFLECT THE CURRENT OPERATIONAL
PRACTICES OF THE ORANGE COUNTY
EMERGENCY MANAGEMENT ORGANIZATION

6. **Resolution No. 20-11-3 - Directors Compensation Policy** (Reference Material Included)

Staff will review and comment on proposed changes to the Directors Compensation Policy to reflect the benefits provided to the District's Board of Directors.

Recommended Action: Staff recommends that the Board of Directors adopt Resolution No. 20-11-3 which proposes changes to the Directors Compensation Policy to reflect the benefits provided to the District's Board of Directors.

RESOLUTION NO. 20-11-3

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
AMENDING THE DISTRICT'S
DIRECTORS COMPENSATION POLICY 1993-10 (IV)
TO REFLECT THE BENEFITS PROVIDED
TO THE DISTRICT'S BOARD OF DIRECTORS

7. **Resolution No. 20-11-4 Establishing Date, Time, And Place of Regular Board Meetings 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 Regular Board Meetings of the Board of Directors for calendar year 2020.

Recommended Action: Staff recommends the Board of Directors consider adopting Resolution No. 20-11-4 which establishes date, time and place of Regular Board Meetings for calendar year 2020.

RESOLUTION NO. 20-11-4

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
ESTABLISHING DATE, TIME, AND PLACE OF
REGULAR BOARD MEETINGS
OF THE BOARD OF DIRECTORS
FOR CALENDAR YEAR 2020

8. **Resolution No. 20-11-5 Commemorating the Retirement of MWDOC Assistant General Manager Karl Seckel** (Reference Material Included)

Staff will comment on Resolution No. 20-11-5 which commemorates Karl Seckel's decades of faithful service to the Municipal Water District of Orange County.

Recommended Action: Staff recommends that the Board of Directors adopt Resolution No. 20-11-5 commemorating the accomplishments and service of Karl Seckel.

RESOLUTION NO. 20-11-5

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
COMMEMORATING THE RETIREMENT OF
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
ASSISTANT GENERAL MANAGER
KARL SECKEL

GENERAL MANAGER INFORMATION ITEMS

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

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

10. District of Distinction (Reference Materials Included)

Staff will provide an update on the renewal of the District of Distinction designation from the Special District Leadership Foundation.

11. Legislative Reports (Reference Materials Included)

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

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

13. SOCWA Reports (Reference Material Included)

a. SOCWA Finance Committee Meeting – October 27, 2020
b. SOCWA Special Finance Committee Meeting – November 3, 2020
c. SOCWA Board Meeting – November 5, 2020
d. SOCWA Executive Committee Meeting – November 10, 2020
e. SOCWA Engineering Committee Meeting – November 12, 2020

14. Municipal Water District Of Orange County (MWDOC) Report
(Reference Material Included)

a. MWDOC Managers Meeting – October 22, 2020
b. MWDOC/OCWD Joint Planning Committee Meeting – October 28, 2020
c. MWDOC Planning/Operations – November 2, 2020
d. MWDOC/MET Directors Workshop – November 4, 2020
e. MWDOC Administration & Finance Committee – November 12, 2020
f. MWDOC Public Affairs & Legislation – November 16, 2020
g. MWDOC Board Meeting – November 18, 2020
h. MWDOC Managers Meeting – November 19, 2020

15. Local Agency Formation Commission (LAFCO) Report

a. The November 11, 2020 meeting was cancelled.

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

a. The November 2, 2020 Management Committee meeting was cancelled.

17. **ISDOC Meetings** (Reference Material Included)

a. Report on the October 29, 2020 ISDOC Quarterly meeting.

b. Report on the November 3, 2020 ISDOC Executive Committee meeting.

18. **WACO Meetings** (Reference Material Included)

a. Report on the October 20, 2020 WACO Planning Committee meeting

b. Report on the November 6, 2020 WACO meeting

c. Report on the November 17, 2020 WACO Planning Committee meeting

COMMITTEE AND GENERAL INFORMATION

19. **Dates to Remember for November/December 2020** (Reference Material Included)

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) (1) to consult with legal counsel and staff on a matter of pending litigation. *El Toro Water District v. Rossmoor Sanitation, Inc. et al and Does 1through 50 inclusive- Orange County Superior Court- Case No. 30-2020-01152257-CU-OR—CJC.*

2. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.9 (d) (1) to consult with legal counsel and staff on a matter of pending litigation. [Class Action] *Kessner et al. v. City of Santa Clara, et al. (Santa Clara County Superior Court - Case No. 20 CV 364054*).

3. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.9 (d) (1) to consult with legal counsel and staff on a matter of pending litigation. *The People of the State of California, acting by and through the Department of Transportation. Plaintiff, vs. Laguna Hills Investment Company, L.P., a Delaware Limited Liability Company, et al. inclusive of El Toro Water District and Does 1 through 20, inclusive. Defendants- Orange County Superior Court- Case No. 30-2020-01140132-CU-EI-CXC.*

4. At this time the Board will go into Closed Session pursuant to Government Code Section 54957(b)(1) to conduct the General Manager's annual performance evaluation.

REGULAR SESSION

REPORT ON CLOSED SESSION (Legal Counsel)

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

20. General Manager Compensation

Board Action: The District's Board of Directors will discuss and consider granting the District's General Manager a compensation increase in the amount and form as determined by the Board.

ADJOURNMENT TO 7:30 a.m., Wednesday, December 16, 2020

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
October 22, 2020

President Monin called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order via Zoom at 7:30 a.m. on October 22, 2020.

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

Committee Members JOSE F. VERGARA, MARK MONIN, KATHRYN FRESHLEY, MIKE GASKINS, and KAY HAVENS participated.

Also present were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, JASON HAYDEN, CFO, GILBERT J. GRANITO, General Counsel, BOBBY YOUNG, Principal Engineer, RORY HARNISCH, Project Engineer, SHERRI SEITZ, Public Relations/Emergency Preparedness Administrator, POLLY WELSCH, Recording Secretary, CAROL MOORE, Laguna Woods Council Member, and WYATT MCCLEAN, Customer.

Oral Communications - Public Comments

President Monin 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. McClean commented on the well-reasoned approach that the Board has utilized relative to the issue of rates and also the Covid-19 precautions. The Board thanked Mr. McClean for his comments.

Items Received Too Late To Be Agendized

President Monin asked if there are any items that came to the attention of the District after the agenda was posted that require consideration and action at today's meeting. Mr. Cafferty replied no.

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 September 10, 2020 Special Board meeting minutes.
2. Consider approving the September 24, 2020 Board meeting minutes.

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

Roll Call Vote:

Director Freshley	aye
Director Havens	aye
President Monin	aye
Vice President Gaskins	aye
Director Vergara	aye

Director Reports for Meetings Attended

Director Havens stated that she attended the WACO meeting, the MWDOC/MET Directors workshop, the SMWD Trampas Dam opening, the regular Engineering/FIC meeting, the OCWA meeting, the WateReuse meeting, today's regular Board meeting, and she will be attending the H2O for HOA's meeting, and the ISDOC Quarterly meeting.

Vice President Gaskins stated that he attended the SOCWA Board meeting, the WACO meeting, the ISDOC Executive Committee meeting, the regular Engineering/FIC meeting, the regular Board meeting, and will be attending the ISDOC Quarterly meeting.

Director Vergara stated that he attended the WACO meeting, the MWDOC/MET Directors workshop, the MWDOC Admin/Finance meeting, the MWDOC Planning/Operations meeting, the WateReuse meeting, the regular Engineering/FIC meeting, the WACO Planning meeting, the MWDOC Board meeting, the OCWA meeting, the regular Board meeting, and will be attending the ISDOC quarterly meeting, and a potential TV-6 interview on the 27th.

Director Freshley stated that she attended the WACO meeting, the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the MWDOC Board meeting, the regular Engineering/FIC meeting, the regular Board meeting, the RRC meeting, the SOCWA Finance meeting, the SOCWA Board meeting, the Laguna Woods City Council meeting, the OCWA meeting, the LAFCO meeting, the WateReuse meeting, and she will

be attending the ISDOC meeting.

President Monin stated that he attended two President/VP/GM meetings, he plans to attend the H20 for HOA's meeting, he attended the regular Engineering/FIC meeting, the regular Board meeting, the WACO Planning meeting, the OCWA meeting, the MWDOC Board meeting, the MWDOC Admin/Finance meeting, the MWDOC/MET Directors workshop, the Agenda Review meeting, the ISDOC Executive Committee meeting, the WACO meeting, and he plans to attend OCCOG today.

General Manager Action Items

COVID-19 Update

Mr. Cafferty stated that as of the staff paper, the County of Orange was in Tier 2 with positive case rates at 4.6%.

Mr. Cafferty stated that another metric was added which is not reported in the County's dashboard for testing and hospitalization impacting certain disadvantaged communities. He further stated that we are following Receivables and customer billing which has seen a small impact.

Mr. Cafferty stated that staff has been doing a good job of following the work safety protocols that have been put in place.

President Monin asked for a Motion.

Motion: Director Vergara made a Motion, seconded by Director Freshley and unanimously carried across the Board to grant the General Manager discretion to extend the use of Emergency Administrative Leave, as necessary up to 160 hours per employee, until the November 24, 2020

meeting of the Board of Directors.

Roll Call Vote:

Vice President Gaskins	aye
Director Vergara	aye
Director Freshley	aye
Director Havens	aye
President Monin	aye

General Manager Information Items

General Manager's Monthly Report

There were no comments.

Legislative Reports

There were no comments.

Public Education and Outreach & Water Conservation Reports

Ms. Seitz stated that Director Vergara will be interviewed on TV-6 on October 27th. She further stated that a bill insert went out on irrigation.

Ms. Seitz stated that the CAG meeting will be on November 12th where Mr. Cafferty will be discussing ETWD's 60th anniversary as well as other topics.

Ms. Seitz stated that the El Toro Reservoir Dam Customer information letter will be distributed after the approval of the inundation maps and is estimated to be mailed out in November. Mr. Cafferty added that this is an outgrowth of what happened at Oroville Dam and the Division of Safety of Dams (DSOD) requires that the letter advise the public that there is updated information on the El Toro Reservoir Dam inundation maps and where the information can be found on the DSOD website. He further stated that the

Emergency Action Plan for R-6 has been approved by the State and we are required to notify both Residential and Commercial customers that are in the area impacted by the inundation zone.

Director Vergara asked if the insurance company has considered that area as a flood zone. Mr. Cafferty replied that he doesn't know if the insurance for the residences and businesses take that into account.

Director Freshley asked to see the analysis. Mr. Cafferty will send the analysis to the Directors, along with a copy of the letter that he will be sending out.

Director Havens asked if the analysis will be posted on the website. Mr. Cafferty replied yes.

Ms. Seitz stated that the H2O for HOA event is next Thursday at 8:30 a.m. where they will be doing break-out sessions for the various agencies that will be participating. She further stated that Director Havens is working as part of OC Master Gardeners working with MWDOC on filming a garden smart campaign video in our Demonstration Garden.

SOCWA Reports

Mr. Cafferty stated that at the SOCWA Finance meeting they approved their Finance reports, and discussed their unfunded accrued Pension Liability where SOCWA staff would like to see some or all of the agencies begin to pay down or off their obligation to that liability. He further stated that the amount is approximately $16 million, and our share is about $500,000 and we will be having more discussions with the agencies at a future

Finance meeting.

Director Freshley stated that at the SOCWA Board meeting they discussed JPA's future and how to handle IRWD's desire to exit. She further stated that IRWD will still be using SOCWA's facilities, so the funding was also discussed.

Mr. Cafferty stated that at the SOCWA Managers meeting the same topics were discussed. He further stated that there will be a future meeting of the SOCWA Attorneys and the General Managers to discuss the JPA.

MWDOC

Director Vergara stated that at the MWDOC Planning/Operations meeting there were 3 items discussed for action. He further stated that they discussed an economic study, an award of a construction contract for their admin building, and approval of an agreement with MET water and the agencies of the Santa Ana River Conservation and Conjunctive use program.

Director Vergara stated that at the MWDOC/MET Directors workshop they discussed selecting a General Manager, and the IRP.

Director Freshley asked how much MWDOC has in Reserves and what are they for. Mr. Cafferty replied that they have almost $14 million in LAIF and another $3 million in Corporate Bonds and Certificates of Deposit, and a few million in their OPEB funded account so their book value is $21.8 million.

Director Vergara stated that at the MWDOC Admin/Finance meeting they approved their contracts, including $300,000 in improvements to their building. President Monin stated that they also discussed FSA's and HSA's.

Director Havens stated that they discussed the Modernizing Americas Water Resource Management and Water Infrastructure Act and there is a new water sub-cabinet and a new watereuse action plan.

President Monin stated that at the MWDOC Board meeting a few items were pulled from the Consent Calendar, but their Economic Benefit Study was approved.

LAFCO

Director Freshley stated that they discussed the MSR/SOI's and also hiring an Executive Director.

SOCWMA

Mr. Cafferty stated that they had a presentation from Amber Baylor and Dr. Philip Delonga from Cal State Fullerton who are working with the County on markers that the County is using to assess contamination of certain areas by human fecal contamination.

ISDOC

There were no comments.

WACO

Director Vergara stated that they discussed removing saline from the Colorado River and building a treatment plant near the Colorado River.

City Coordination Efforts

There was no meeting.

Committee and General Information

Dates to Remember for October/November 2020

There were no comments.

Carry Over Pending Matters

There were no comments.

Comments Regarding Non-Agenda Items

Director Havens stated that she attended the WateReuse meeting where they discussed the Monterey Potable Reuse Project called Clear Water where they have a lot of issues because Monterey is a stranded District. She further stated that they had to establish 4 sources of water and they are using municipal waste, ag-packing wash, ag-draining, and urban storm water runoff, and had to establish water rights to each of the side streams in order to get permitting they use a treatment train that starts with ozone. She further stated that their permit process was extremely involved in trying to use these different water sources.

Director Havens stated that their operations and optimization plan went through testing by DDW.

President Monin stated that if any of the Directors want to tour any of our facilities, let staff know. Director Havens stated that she would like to tour the R-6 Reservoir.

Mr. Cafferty stated that at the headworks of the WRP, where all the wastewater comes in there is a bar screen to collect the larger debris, a grit chamber that collects items like coffee grounds and egg shells, and a set of fine screens that collect the smaller debris. He further stated that all materials

screened out of the filters goes into hoppers and is taken to a landfill and is very wet so when hauling there is a lot of water as well which contributes to cost due to the weight.

Mr. Cafferty stated that a company called JWC came up with a compactor where it squeezes the water out so we are hauling much more dry weight. He further stated that we set up a pilot test at the Plant and we are waiting on them to return with numbers and data, along with cost comparison to benefit.

President Monin stated that he toured the new Turbo blower, and the aeration basin whose diffusers needed to be replaced, so staff is working with a contracting engineer to make a recommendation going forward for replacement of the diffusers. He further stated that he got to see our new truck.

Attorney Report

Mr. Granito reported that there is no need for a Closed Session today and so Regular Session continued.

Adjournment

There being no further business to come before the Board the meeting was adjourned at 8:55 a.m. to Tuesday, November 24, 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

MINUTES OF THE SPECIAL MEETING
OF THE
BOARD OF DIRECTORS
OF THE
EL TORO WATER DISTRICT
November 9, 2020

President Monin called the meeting of the Board of Directors of the El Toro Water District to order via Zoom at 7:30 o'clock a.m. on November 9, 2020 at the El Toro Water District Administrative Offices, 24251 Los Alisos Boulevard, Lake Forest, California.

President Monin led in the Pledge of Allegiance to the flag.

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

Also present were DENNIS P. CAFFERTY, General Manager/Secretary, JUDY CIMORELL, Human Resources Manager, JASON HAYDEN, CFO, GILBERT J. GRANITO, General Counsel, and POLLY WELSCH, Recording Secretary, and ROBERT HOPKINS.

Oral Communications - Public Comments

President Monin 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. Cafferty stated that this meeting is being recorded.

Items Received Too Late To Be Agendized

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

Resolution No. 20-11-1 Commemorating the Retirement of MWDOC Director Joan Finnegan

Mr. Cafferty stated that MWDOC will be recognizing Director Joan Finnegan at their November Board meeting, and several member agencies will be presenting her with Resolutions.

President Monin asked for a Motion.

Motion: President Monin made a Motion, seconded by Vice President Gaskins and unanimously carried across the Board to adopt Resolution No. 20-11-1 which commemorates Joan Finnegan's decades of faithful service as a director of the Municipal Water District of Orange County and the Coastal Municipal Water District.

Roll Call Vote

Director Havens	aye
Director Freshley	aye
Director Vergara	aye
Vice President Gaskins	aye
President Monin	aye

2020 Strategic Plan Update

Mr. Cafferty stated that staff worked with Ed Means to create a tracking system monitoring tools to report back to the Board on the status and progress on a lot of issues. He further stated that we will need to prioritize some of the projects.

Director Havens stated that these are evolving documents of which things will change in the future, such as Irvine's digester pelletizer coming on line and it will be a big regional change. She further suggested bringing before the Board what they see in these segments for further discussion.

Mr. Cafferty stated that one of the goals is about relationships, with one of the strategies and objectives to continue to engage with other local agencies statewide.

President Monin stated that one issue is ISDOC's consideration of sending a letter to MWD regarding the selection of a new General Manager and what our Board feels about the appropriateness of such a letter.

Director Freshley stated that she feels ISDOC is not the appropriate agency to draft a letter because several of their members are not water districts, so perhaps the South County Agencies group should do so.

Director Vergara stated that MET is representing all of Southern California by elected or appointed politicians. He further stated that they have a lot of environmental people that have nothing to do with water except stopping the Delta project, and these are the people that MWDOC is listening to.

President Monin asked for a Motion.

Motion: Director Freshley made a Motion, seconded by Director Havens and unanimously carried across the Board to approve and adopt the 2020 Strategic Plan.

Roll Call Vote

Director Havens	aye
Director Freshley	aye
Director Vergara	aye
Vice President Gaskins	aye
President Monin	aye

Water Supply Reliability Projects

Mr. Cafferty stated that staff is looking for direction from the Board on existing projects and their priorities. He further stated that all of our Diemer water comes through the Allen-McCullough Pipeline (AMP) which is roughly 30 miles long and terminates at the R-6 Reservoir.

Mr. Cafferty further stated that the District owns 5 cubic feet per second of capacity, or about 11% of the Baker Water Treatment Plant.

Mr. Cafferty stated that the Baker water is delivered through an interconnection with MNWD, which is adjacent to a turnout that MNWD has on the AMP.

Mr. Cafferty stated that we are working on getting to 60-days of uninterrupted water supply if we lose the MET supply. He further stated that we would have the Baker Plant producing a little over 600 acre feet along with 374 acre feet in in the R-6 Reservoir, so we would have 974 acre feet.

Mr. Cafferty stated that under winter conditions our total demand for 60 days is 788 acre feet and we can make a 60-day supply interruption without asking anyone to conserve water with our current investments. He stated that the average conditions overall total for the year, we are 155 acre feet short of meeting a 60-day supply interruption.

Mr. Cafferty stated that summer gets more challenging where we are 521 acre feet short of our summer demands for the 60-day period. He further stated that 40% conservation cutback would be required for single family residential, 30% multi-family, and 60% on irrigation.

Mr. Cafferty stated that we are considering a 90-day supply where the numbers would get more challenging.

Projects

JTM Pump Station (Joint Transmission Main)

Mr. Cafferty stated that Baker and the AMP run alongside each other and there is risk if something happens it could affect both of them. He further stated that we would only have the R-6 Reservoir to rely on until the pipelines were fixed.

Mr. Cafferty stated that the East Orange County Feeder #2 (EOCF#2) brings water from Diemer through the other side of the system and feeds the Joint Transmission Main which then goes down into South County. He further stated that we have an existing connection to the Joint Transmission Main on Moulton Parkway, a water meter that we own 2 cubic feet per second of capacity which is equivalent to 240 acre feet over 60-days and 362 acre feet over 90-days.

Mr. Cafferty stated that we would need to make modifications to be able to use the water. He further stated that every year we pay a share of the O&M costs, and capital costs on the JTM because we own this capacity.

Mr. Cafferty stated that we don't use this water because hydraulically it doesn't have enough pressure to get it into our system, so we would need to correct the hydraulic system to make daily use of that capacity.

Mr. Cafferty stated that we will also experience periods of maintenance such as the Allen McCullough pipeline being out of service in March for a whole month or longer and then there are additional pipeline improvements planned.

Mr. Cafferty stated that when we take the R-6 Reservoir out of service to replace the floating cover, the contingency plan in place for storage would be benefited by getting water from the East Orange County Feeder #2.

Mr. Cafferty stated that as we have converted a large number of meters on the western side of our system to recycled water, it means there is that much less water flowing through the distribution system. He further stated that we have seen water quality impacts in terms of maintaining chlorine residuals,

nitrification, on a weekly basis where we didn't need to do any mainline flushing, but we do now.

Mr. Cafferty stated that we don't own capacity in the East Orange County Feeder #2, and would need to build a small pump station in order to solve the hydraulic lift issue and get the water into our system. He further stated that the anticipated cost would be approximately $1.5 million, with additional maintenance costs of approximately $40,000 to $100,000 a year.

President Monin asked if staff has a matrix comparing one project to another with costs. Mr. Cafferty replied no, there would be a lot of assumptions in preparing a project matrix of priorities, but staff will work on putting something together.

Director Havens asked that when we are factoring in the amount of water used, are we including the water that might be used in fire suppression as part of our emergency supply. Mr. Cafferty replied that the focus of this analysis has not included fire safety, but the overall analysis of our distribution system has included it, and staff will review during the Master Plan update.

Baker Water & South County Pipeline

Mr. Cafferty stated that we don't have a connection in the South County Pipeline, so currently we have an interconnection with MNWD where their AMP connection comes off adjacent to the R-6 Reservoir transmission pipelines. He further stated that MNWD is taking water from the AMP and putting it into our system.

Mr. Cafferty stated that if the AMP was out of service, MNWD would have to deliver water from their current South County pipeline connection which is well to the South, and MNWD is proposing to install a turnout on the South County pipeline to supplement their ability to get water for their system, which ETWD could directly take water from the South County pipeline with our own meter and use MNWD's facility to deliver it back up to our pipeline.

Mr. Cafferty stated that one of MNWD's challenges is identifying a piece of property where they can build a turnout. He further stated that SMWD has expressed an interest in this project.

Mr. Cafferty stated that the updated cost of this project is anticipated to be $10 million, with our share being 25% or less.

Desal Projects

Mr. Cafferty stated that there are two projects; Doheny's South Coast project, and Poseidon's Huntington Beach project. He further stated that cost and conveyance are issues.

Mr. Cafferty stated that costs could run from $1700 acre foot to $2100 acre feet. He further stated that there are people and organizations opposed to the desal projects.

Recycled Water

Mr. Cafferty stated that staff is reviewing Phase III of a Recycled Water Expansion System. He further stated that we have capacity in our system to produce additional recycled water.

Mr. Cafferty stated that there can be issues about how much influent we have at the Plant, and how much recycled demand during the max day conditions during the summer when we have had to put potable water into the system. He further stated that costs are also an issue.

Mr. Cafferty stated that this is a $5 million project.

Water Banks

Mr. Cafferty stated that Cadiz (SMWD) and Strand Ranch (IRWD) are emergency supply only and will require wheeling and reservation charges.

San Juan (SMWD) Project

Mr. Cafferty stated that this is a 3-phase project with Phase 1 using some rubber dams to allow more water to soak into the San Juan basin and is in construction now. He further stated that there are potential opportunities there in the mid $1500 per acre foot cost.

Mr. Cafferty stated that this project would have base load challenges and how to get the water from the South County pipeline.

Irvine Lake Project

Mr. Cafferty stated that this project is currently on hold due to Capital Projects going on at the lake. He further stated that the challenge was the cost of storing water in the lake and on-going evaporation costs.

OC Groundwater Basin (OCWD and MNWD)

Mr. Cafferty stated that this project is not a sure thing. He further stated that it is a conveyance system from the East Orange County Feeder #2.

Mr. Cafferty stated that all groundwater producers opposed this project. He further stated that the water would have to be paid for up front which is unclear at this point.

Funding

Mr. Cafferty stated that there is significant capital investment required here which could be $1.5 million for a JTM pump station, $2.5 million for a South County Pipeline, in addition to other Capital Projects we have coming up as well.

Mr. Cafferty stated that the R-6 Reservoir cover is coming up at a cost of nearly $5 million, and the Filtration Demo/Reuse Site of approximately $2.6 million.

Break

At approximately 9:15 a.m. the Board took a short break.

Regular Session

At approximately 9:25 a.m. the Board returned to Regular Session.

Funding Projects

Mr. Cafferty stated that staff has discussed some of the Capital Project needs and how to fund them. He further stated that the top 4 projects are the R-6 Reservoir, the South County Pipeline Turnout, the Filtration Plant Site, and the potential JTM Pump Station, which add up to nearly $10 million.

Mr. Cafferty stated that staff is reviewing opportunities we may have for funding these projects.

Mr. Hayden stated that we will be exploring grants, low-interest State loans, bank loans, and bonds. He further stated a bank profile will be created and shared with the Board.

President Monin suggested looking at WIFIA loans with low interest rates.

Next Steps

Mr. Cafferty stated that before building a JTM Pump Station we would need a design analysis and study.

President Monin stated that he feels the R-6 Reservoir project is immediate, and the tear down of the Filtration Plant, but feels we should hold off on the JTM Pump Station until the costs are included. Mr. Cafferty stated that the South County Pipeline project is not immediate at this time. He further stated that the Filtration Plant demo is also not an immediate decision, and could be factored into next year's budget.

Vice President Gaskins stated that he feels the R-6 Reservoir is immediate, along with the Filtration Plant demo, and he is interested in hearing more about bonds.

Director Havens stated that she agrees with the immediate projects, and asked what the status is on getting cameras at our sites. Mr. Cafferty replied that staff is working on evaluating the use cameras at our sites.

Director Vergara agreed with the R-6 project, with revamping WEROC's EOC, and the JTM Pump Station as we should be using the capacity that we are paying for.

Mr. Cafferty stated that anticipated costs for the JTM project at $1.5 million and a 3% interest rate on a 20-year term would equal $100,000 annual costs. The 2 cfs is equivalent to almost 1500 acre feet that would amount to $70 per acre foot just for the Capital costs. He further stated that there are O&M costs of the Pump Station, and maintenance of the East Orange County Feeder #2 which could add another $75-$100 per acre foot, so worst case another $175 per acre foot.

Director Freshley stated that we should further evaluate the ability to use the existing JTM capacity. Mr. Cafferty stated that the existing capacity has not

worked in our system but staff will provide further operational details at a future meeting.

Mr. Cafferty stated that we need to consider participation in the East Orange County Feeder #2 and the cost impact. He further stated that staff will work on getting proposals and report back to the Board.

Director Havens asked what is the probability of all 3 major pipelines going down at the same time. Mr. Cafferty replied that the Baker pipeline, the Allen McCullough pipeline, and the East Orange County Feeder #2 have different geographic connections and the locations lessen the possibility of all 3 going out at the same time, we would rely on the R-6 Reservoir and lock-off the biggest irrigation users in a dire event.

Mr. Cafferty stated that staff will prepare internal operational analysis for the JTM Pump Station and seek proposals to do engineering level analysis to see if this project is something to be further pursued. He further stated that the South County Pipeline project has nothing for us to do at this point and time until MNWD has advanced to a point where they need a go or no-go decision.

Mr. Cafferty stated that we are in the process of seeking proposals for the R-6 Reservoir project and the JTM Pump Station, and we will continue to encourage MWDOC and WEROC about participation in the Filtration Plant project. Mr. Cafferty stated that staff will continue pursuing funding opportunities available to the District for the approximately $10 million projects.

Mr. Cafferty stated that staff's understanding of the direction from the Board is to address the operational questions associated with the current connection to the JTM, solicit proposals for an engineering analysis of the JTM Pump Station and continue to evaluate funding opportunities. Mr. Cafferty further stated that the Board had not directed staff to actively pursue any other regional projects at this time but rather continue to monitor the status of other regional projects.

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 10:15 a.m.

Respectfully submitted,

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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

El Toro Water District 401(k) Plan

Third Quarter 2020

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Economic and Market Commentary
Fourth Quarter 2020

Market Overview

Entering the fourth quarter of a calamitous year, financial markets remain keenly focused on a host of short- and long-term challenges facing the global economy in the wake of the COVID-19 pandemic. A record worst U.S. real Gross Domestic Product (GDP) growth rate in the second quarter of -31.4% annualized was emblematic of the economic distress the rest of the world encountered as governments scrambled to contain the spread of the infection. Meanwhile, a voracious rally in the global stock market from April through August[1] would suggest investors believe at least the worst of the economic storm may be in the rear-view mirror. Yet, lingering questions remain about what lies ahead in the aftermath.

Confronted with a crisis of epic proportions, policymakers swiftly unleashed unprecedented levels of fiscal and monetary relief, in effect acting as a defibrillator that revived financial markets and an economy in cardiac arrest. The treatment may have revived the patient and resolved the acute trauma, but a longer-term prognosis is far from clear. In other words, while the economy's recent vital signs look encouraging, the patient may not be out of the woods yet.

On the surface, economic data from employment to consumer spending has recovered at a heartening pace as the global economy emerges from the depths of a major health crisis. The headline statistics, however, may distort a recovery trajectory that is not as uniform as it may appear. Major segments of the economy, including the travel and hospitality industries, remain hamstrung by virus-driven restrictions prohibiting the resumption of pre-pandemic activity levels. It remains to be seen if this weakness will remain isolated from the broader economy or if it begins to weigh on it.

Such unusual circumstances have left economists to debate the ultimate shape of an ongoing recovery, placing a proverbial alphabet soup of scenarios on the table that range from "V" to "U" to "W" and now to "K." The "K" represents the bifurcation of the recovery into the "haves" (segments of the economy with the ability to recover and even thrive) and the "have nots" (segments of the economy that remain in dire conditions) and leaves an open question about how the two might converge down the road.

[1] Source: MSCI ACWI

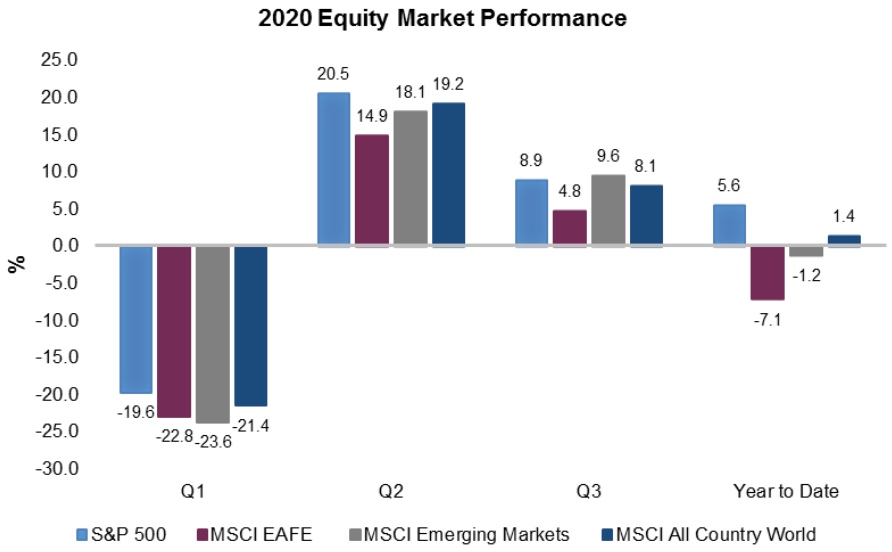
Financial Markets Forge Ahead

Market Returns Summary

	% Total Return					
As of 9/30/2020	**Q3 2020**	**YTD 2020**	**1-Year**	**3-Year**	**5-Year**	**10-Year**
S&P 500	8.9	5.6	15.1	12.3	14.1	13.7
MSCI EAFE	4.8	-7.1	0.5	0.6	5.3	4.6
MSCI Emerging Markets	9.6	-1.2	10.5	2.4	9.0	2.5
Russell 2000	4.9	-8.7	0.4	1.8	8.0	9.9
Bloomberg Barclays High Yield Corporate	4.6	0.6	3.3	4.2	6.8	6.5
Bloomberg Barclays Municipal	1.2	3.3	4.1	4.3	3.8	4.0
Bloomberg Barclays US Agg Bond	0.6	6.8	7.0	5.2	4.2	3.6
ICE BofA US Treasury Bill	0.0	0.7	1.2	1.7	1.2	0.7
Bloomberg Commodity	9.1	-12.1	-8.2	-4.2	-3.1	-6.0

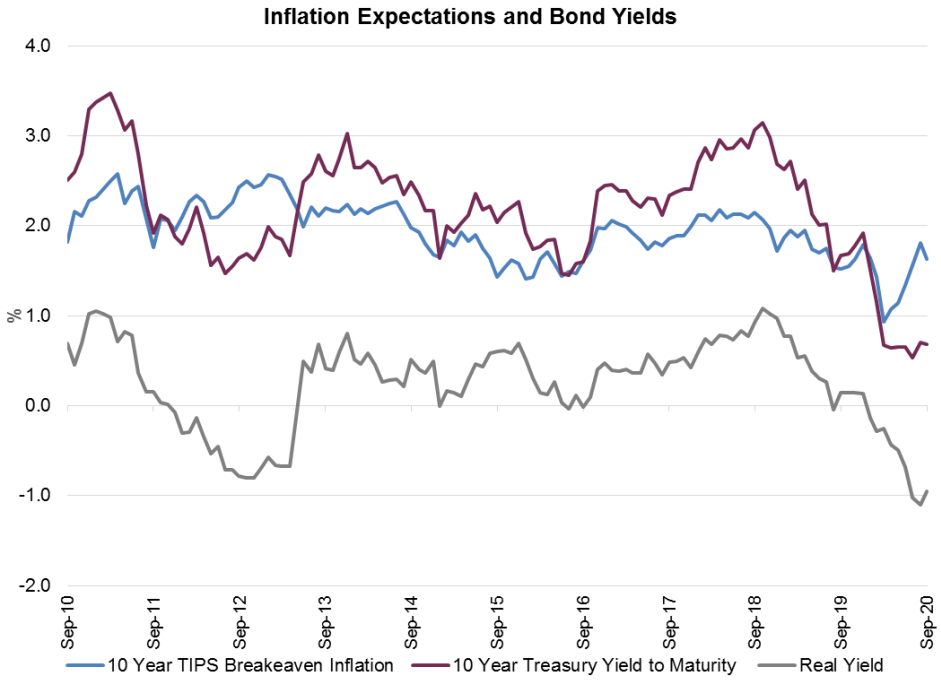
Source: Morningstar Direct
Periods greater than one year are annualized

Perhaps almost as unexpected as the pandemic-induced equity market selloff itself was the speed of its recovery. To the surprise of many, the S&P 500 Index recovered all of its 33% peak-to-trough first quarter loss and found its way to new all-time-highs during the third quarter in spite of the ongoing economic headwinds created by the virus. As of the end of the third quarter, the U.S. large cap index had risen 1%, including dividends, from its February 19th high. The roundtrip from all-time highs to a bear market and back to all-time highs was a record quick six months. Since the inception of the S&P 500 Index, the average roundtrip from high to bear market low and back to high averages about six years.



Source: Morningstar Direct

In contrast to the snap back in global stock prices this year, interest rates on U.S. Treasury bonds have yet to see the same reversal of fortunes. Yields across all maturities took a sharp dive downward at the onset of the crisis and have remained at historically low levels since the first quarter. At the beginning of the year, the yield-to-maturity on the bellwether 10-year Treasury Note stood at 1.9%. Since early March, following an investor flight to safety, the yield has mostly traded in a tight range between 0.5% and 0.8%. Factoring in expected inflation implied on 10-year TIPS (Treasury Inflation Protected Securities) of 1.6%, real yields were near -1% at the end of the third quarter.



Source: Bloomberg

Combined with a stabilizing economic outlook, increasingly paltry returns offered by safe haven assets have driven investors back into riskier assets. Looking beyond equities, a similar story is playing out in the debt markets. Yield premiums on bonds with credit risk have largely followed the path of the equity market–widening out to post-Global Financial Crisis (GFC) highs before narrowing back to near-historical averages. Despite a deterioration in fundamentals and a pickup in both issuance and defaults, investors have jumped back into credit markets with both feet after abandoning low- to non-yielding government bonds and cash.

Not Everyone Gets a Trophy

The rapid rotation back into riskier assets has not been without discrimination. Demand for securities of large, financially stable companies with the most exposure to secular growth trends has been insatiable of late. On the other end of the spectrum, smaller companies with higher economic cycle exposure have all but been forgotten about. Investors have made a clear distinction between companies that can grow regardless of economic conditions (commonly known as "growth" stocks) and those that will be challenged to grow earnings without a strong economic recovery (commonly known as "value" stocks).

U.S. Equity Market Barometer
1-Year Return (%, as of September 30, 2020)

	Value	Core	Growth
Large Cap	-3.9	20.3	41.2
Mid Cap	-7.3	4.6	23.2
Small Cap	-14.9	0.4	15.7

Source: Morningstar Direct

To a large degree, differentials in sector weights among the indices that represent equity sub-asset classes go long way in explaining this divide. The Russell 2000 Value Index[2], for example, is composed of roughly 45% in financial and industrial firms and just 6% in technology companies, whereas the Russell Top 200 Growth[3] Index holds 44% in the technology sector alone.[4] The representation of technology stocks shows up in valuation metrics such as the Price-to-Book Value ratio (P/B). This metric shows small cap value stocks currently at around 1x P/B and large cap growth at 12x P/B.[5]

While there has always been a valuation premium afforded to large cap growth relative to small cap value (on average 3.7x over the last 20 years[6]), this divergence has grown to exceed even the disparity seen during the Dot Com Bubble. The expansion in the valuation multiple of large cap growth stocks has led the performance differential over the past 12 months between small cap value and large cap growth to 56%, an extraordinary divergence that is not apparent in broad market averages[7].

In times of great disruption, it can be most comfortable to follow what is working. While this may pay off in the short term, the late financial historian and economist Peter Bernstein reminded us in an interview with CNN in 2004, that "I view diversification not only as a survival strategy, but as an aggressive strategy, because the next windfall might come from a surprising place."

Just Around the Corner—November 3

As the nation stumbles towards an election day marked by a lengthy campaign season many observers liken to the philosopher Thomas Hobbes' description of the natural state of society as "nasty, brutish and short," several topics surface:

- **A contested election:** Our biggest concern is not the outcome, but rather a contested election that takes weeks or longer to resolve. This would be damaging, elevate market risk, and create legislative acrimony not unlike the 2000 election that saw the S&P 500 index slide nearly 10% before the Supreme Court intervened some five weeks after the polls closed. Avoiding a repeat of legislative paralysis, when we need fiscal support and congressional collaboration to bridge the economy to the other side of the pandemic, would boost investor sentiment.

[2] Representing U.S. small cap value stocks

[3] Representing U.S. large cap growth stocks
[4] Source: FTSE Russell
[5] Source: Bloomberg
[6] Source: Bloomberg
[7] Source: Morningstar Direct

- **Reshoring capital back to the U.S.:** No matter who is elected, there will be a significant focus on domestic policy and re-shoring capital investment back to this country. We expect to see both potential presidential and congressional administrations push forward this approach.

- **Cyclicals/small caps may benefit:** In early September, the large cap market, as represented by the S&P 500 index, recovered to a new high. Usually in a market recovery after a damaging recession, small cap stocks and cyclical names lead the market. This is not the case this time – there is no broad market participation and large-capitalization technology names have dramatically outperformed. With both parties focusing on domestic priorities post-election, and former Vice President Biden in particular pushing infrastructure investment, small cap stocks may be outsized beneficiaries compared to large caps due to their domestic exposure as well as the role cyclicals can play in large infrastructure projects.

- **A presidential change in November may seem like a shakeup**. Markets, however, have been blasé about the upcoming presidential elections and the President Trump versus Biden polling data. Investors should be keying into a potential party flip in the senate that could change the market outlook. Should Biden win the presidency and Democrats gain control of the Senate, tail risk from aggressive policy moves that might shift the path of the economic expansion could increase.

- **Biden wins and the Republicans hold the Senate**. This result could be bullish for markets, with both parties keeping each other in check and operating on compromise. Markets like bipartisan gridlock and it might soothe market anxiety over a new transition to power. We can also hope for less angst and acrimony which could ripple through into the markets.

A K-shaped Recovery May Reflect Two Different Realities

Economic data appear to be improving as signs of recovery include new home sales at the highest level since the fall of 2006;[8] capital investment recovering with new durable-goods orders rising 12% month-over-month in July;[9] and a job market that is slowly healing with unemployment trending in the right direction. While the economic healing process looks to be underway, building confidence and eliminating some of the uncertainty are still long-term risks that might, in the long run, outweigh the impacts of which party wins in November.

One risk is the possibility of a "K-shaped recovery" which reflects a bifurcated society in the U.S. where white-collar, tech-savvy workers continue to thrive while hourly, gig-economy and other blue-collar workers continue to suffer. Such a recovery would have impacts on consumer spending, income inequality, and market instability. This bifurcation is playing out in the stock market, with clear winners and losers. Large companies that have the capital to invest in multiple distribution channels, including both brick and mortar and e-commerce, have been able to nimbly cross-pollinate and survive whereas many small- and medium-sized businesses are falling by the wayside.

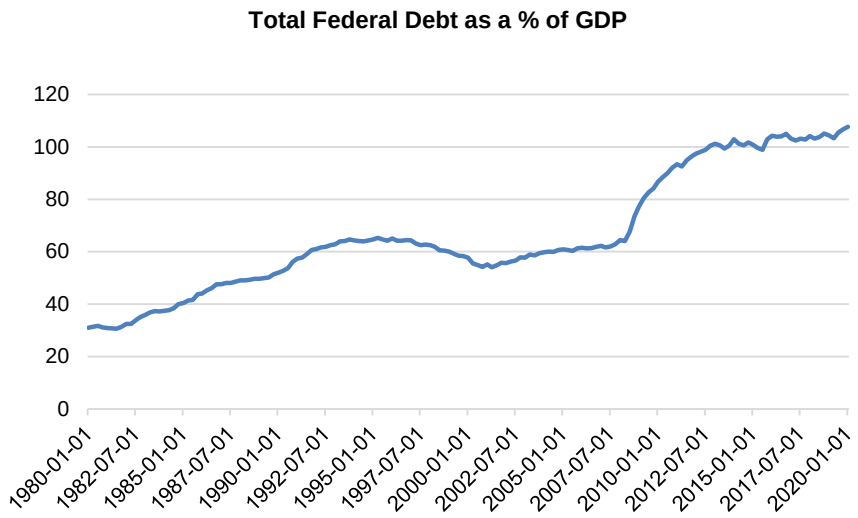
To the extent that the country succeeds in combating the economic downturn caused by the COVID-19 pandemic, the recovery is less likely to be K-shaped. But if the virus persists and new outbreaks occur, a K-shaped recovery becomes more likely. Winners and losers in November aside, this possibility might be behind Fed Chairman Powell's repeated appeals for additional fiscal action by congress and the president.

Climbing a Mountain of Debt

The U.S. national debt is nearing $27 trillion[10] and constitutes over 100% of GDP for the first time since World War II due, in part, to the impact of COVID-19 on the economy. Neither candidate has discussed the deficit directly, however. While avoiding the topic of how the country will pay off its debts may be understandable given the ongoing pandemic, kicking the can down the road only prolongs the need to develop fiscal strategies to address the deficit. Alarmingly, by 2030, the debt could rise to between 118% and 130% of GDP.[11]

[8] Source: U.S. Census Bureau as of August 2020

[9] Source. U.S. Census Bureau
[10] Source: U.S. Department of the Treasury
[11] Source: Congressional Budget Office



Source: Federal Reserve Bank of St. Louis. Data is seasonally adjusted and measured quarterly through the first quarter of 2020.

Thus far, both parties have pretty much stuck to familiar scripts—more spending and higher taxes by the Democrats and tax cuts by the Republicans, including a potential payroll tax cut. Setting aside the impact on the deficit from fiscal and monetary responses to the pandemic, taxation and spending plans will alter the debt trajectory for better or worse going forward, particularly in the "untouchable" realms of Medicare and Social Security.

While Trump's views on taxation are pretty straightforward, Biden's are less clear. The Democratic party platform includes ambitious spending goals, and Biden may disappoint the more progressive members with a less ambitious program that avoids or downsizes controversial proposals such as Medicare for All and a "Green New Deal." While it might seem like ancient history, of the nearly 30 Democrats who vied for the nomination, Biden was arguably the most moderate candidate. His moderate fiscal stance, which included at one point in his long political career calling for a freeze on all government spending, might be more in play than some believe.

Perhaps the greatest concern, regardless of which party prevails in November at both the presidential and congressional levels, is the possibility that U.S. debt might be downgraded again due to the deficit. This could stress and rattle markets, which might not have begun to think through the ultimate implications of Treasuries losing their status as the most risk-free of all global investment instruments.

Keep Calm and Carry On

Lost in the turmoil over an election season marked by discord is the fact that, as Ruchir Sharma, Morgan Stanley's chief global strategist pointed out, research back to the late 1800s indicates that "...the market has no clear bias in favor of either party and market volatility in the runup to an election is perfectly normal. The market is an economic barometer, not a political one." While politics are one factor among many that investors and traders include in their decisions, "The leader that the market listens to most carefully is the head of the Federal Reserve, not the president."[12]

We agree with this assessment. The stock and bond market recoveries from the lows of March began not when a political figure announced a response to the economic impact of the virus, but when the Fed unleashed its "policy bazooka." More recently, market volatility appears to be triggered by profit taking and the ups and downs of congress's attempts to provide new fiscal relief rather than by which presidential candidate leads in the daily polls.

As we approach the task of investing for our clients, our focus is on assessing both the macroeconomic and company-specific drivers that impact returns to markets and individual holdings, while remaining focused on meeting each client's individual investment needs. While the ups and downs of politics can, at times, create distractions from our mission, we continue to believe that active portfolio management will shine in a climate where investors need to discriminate between winners and losers—regardless of which party runs the ship—and focus on investment discipline to outperform and add value amid an uncertain outlook and recovery path.

The Fed's New Era

The long-awaited changes to the Federal Reserve's (Fed) policy-making framework were unveiled in late August at the Fed's annual central banking economic symposium. The underlying changes have a significant effect on the rate-setting

[12] Ruchir Sharma, Is the Market Rooting for Trump or Biden, The New York Times, September 22, 2020, page A23.

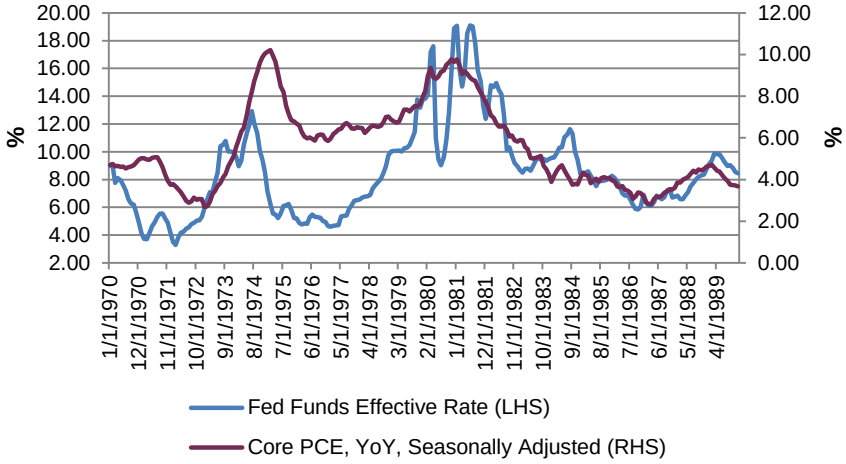
activity of the Federal Open Market Committee (FOMC), which has guided monetary policy decisions for the last few decades. We believe this new framework has significant implications for monetary policy, the economy, and financial markets going forward.

For more than three decades, the Fed has conducted a symmetric monetary policy that attempts to balance the Fed's estimate of full employment versus a reasonable, yet low, inflation rate. This trade-off is embodied in the Phillips curve, an economic concept stating that inflation and unemployment have a stable and inverse relationship.

The concept claims that economic growth results in job growth and lower unemployment, yet also sparks an increase in inflation. As economic growth improves and the unemployment rate approaches the Fed's estimate of maximum employment, known by the acronym NAIRU[13], the Fed typically tightens monetary policy by increasing the federal funds target rate and the discount rate to prevent the economy from overheating and future inflation from rising above the Fed's long-term core inflation target.

Because changes to monetary policy have a delayed impact on the economy, the Fed seeks to implement rate changes proactively, rather than reactively, in order to balance inflation and employment. This policy framework worked well in the 1970s and 1980s and helped the Fed conquer what was at the time an inflation problem, as shown in the chart in the next column.

Fed Policy Relationship During the 1970's and 1980's



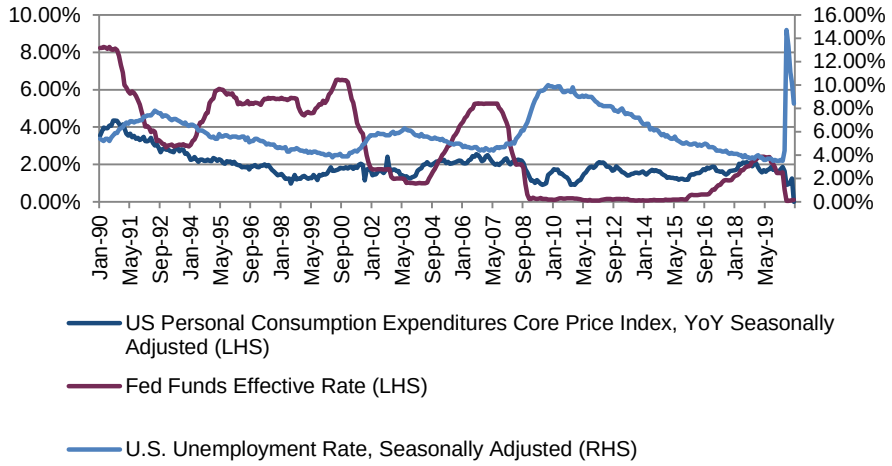
Source: Bloomberg

Recently, however, factors such as technological innovation, productivity enhancement, and globalization may have changed the slope of the Phillips curve and caused disinflation, if not outright deflation, in some products and industries. As a result, some market pundits question the Fed's monetary policy-tightening actions over the past two decades, which typically focused on preempting an unwelcome rise in inflation as economic growth increased and unemployment approached NAIRU. As shown in the chart on the next page, the Fed preemptively increased interest rates on several occasions over the past two decades when the unemployment rate fell below 5%, despite core inflation falling short of 2% at the time.

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[13] Non-Accelerating Inflation Rate of Unemployment

Fed Policy Relationship Over The Last Three Decades



Source: Bloomberg

Revising Maximum Employment, Inflation, and an Asymmetric Policy Relationship

The new Fed policy-making framework modifies the Fed's employment and inflation objective as well as the link between the two. The Fed refined the definition of the maximum level of employment it strives to achieve as being "broad based and inclusive." Implicitly, this revised definition recognizes unemployment differences among age, gender, and ethnic group which, in turn, puts a greater emphasis on lower overall levels of unemployment.

Further, policy is now geared toward shortfalls in employment relative to the revised "maximum level," as opposed to deviations from this "maximum level." This means that employment can run at or above current estimates of maximum employment without necessarily causing concern or the need to tighten monetary policy. The caveat to this new view of maximum employment and tightening is that it cannot be accompanied by signs of unwanted increases in inflation or the emergence of other risks such as financial bubbles.

The Fed also refined its inflation target toward an average level of core inflation over an undefined period of time as opposed to a targeted line in the sand, which previously was 2% as measured by the core PCE.[14] Using an average allows inflation to run above 2% for a period of time if the prior period was persistently below 2%. In turn, this new asymmetric policy framework allows the Fed to retain an accommodative monetary policy until after "full employment" has been achieved and inflation has returned to, or exceeds, a 2% average over an unspecified time period.

The Fed wasted no time in putting this new policy-making framework into action. At September's FOMC meeting, the Committee incorporated the new framework into both its policy statement and its forward projections. Specifically,

"The Committee seeks to achieve maximum employment and inflation at the rate of 2 percent over the longer run. With inflation running persistently below this longer-run goal, the Committee will aim to achieve inflation moderately above 2 percent for some time so that inflation averages 2 percent over time and longer-term inflation expectations remain well anchored at 2 percent. The Committee expects to maintain an accommodative stance of monetary policy until these outcomes are achieved. The Committee decided to keep the target range for the federal funds rate at 0 to 1/4 percent and expects it will be appropriate to maintain this target range until labor market conditions have reached levels consistent with the Committee's assessments of maximum employment and inflation has risen to 2 percent and is on track to moderately exceed 2 percent for some time[15]„

Consistent with the Fed's new strategy and policy statement, the FOMC September Summary of Economic Projections showed a vast majority of the Committee does not forecast economic triggers, "maximum employment" and average inflation, to be met until the end of 2023. In turn, the Committee's economic projections also forecast holding the federal funds target rate near zero through 2023. The FOMC does retain a get-out clause whereby the Fed "would be prepared to adjust the stance of monetary policy as appropriate if risks emerge that could impede the attainment of the Committee's goals," which is likely a reference to financial stability risks including systemic asset bubbles.

[14] Core PCE is defined as Personal Consumption Expenditures excluding the often-volatile food and energy categories
[15] Source: September 16, 2020 FOMC Meeting https://www.federalreserve.gov/newsevents/pressreleases/monetary20200916a.htm

Economic and Market Implications of the New Fed Era

The implications of the Fed's new framework are vast. In general, the new approach should allow for more accommodative monetary policy for the foreseeable future which, in turn, is a positive tailwind for economic growth and broad-based labor market outcomes. Essentially, the Fed will let the economy run hotter than prior policy would recommend and won't pre-emptively tighten policy, thereby lengthening the economic cycle. Further, continuing a lower-rate stance should benefit risk assets near term, as lower rates further fuel the yield hunt rotation out of risk-free assets such as Treasuries, benefit corporate profits, and help justify high equity valuations given a lower discount rate for longer periods. In the long term, however, this new and untested Fed policy making framework could lead to a monetary policy mistake in hind sight. Specifically, this mistake could be one of inaction by the Fed when they should have increased the Fed Funds rate and removed excess policy accommodation.

Given that the impact of monetary policy has a delayed effect on the economy, one result could be an upside surprise in the rate of inflation over the longer term, leading to higher intermediate and longer maturity interest rates, as well as a steeper U.S. Treasury yield curve. Further, the Fed's new policy framework could also perpetuate asset bubbles over the longer term and, should additional economic shocks occur prior to the removal of monetary policy accommodation, the Fed could well be left with a limited toolkit to fight future downturns.

Consumer Outlook in a COVID-19 World

With the exception of the 2008 Global Financial Crisis (GFC), the COVID-19 pandemic has had unparalleled impact on consumers and businesses globally. While questions remain around the duration of the pandemic -- as the world waits for vaccine developments, approvals, distribution and acceptance -- it is clear that consumer and business behavior has structurally changed.

To begin with, the pandemic has fast-tracked many trends that were already underway pre-crisis. These trends include consumer adoption of e-commerce at the expense of traditional retail, an increased demand for enterprise and industrial automation, a growing consumption of digital entertainment and a surge in the usage of food delivery applications and services. All of these trends reflect an acceleration of the digital transformation of business and the economy -- a trend with both positive and negative implications for various domestic and global industries.

Shared and Service Economies Unravel

One pre-COVID-19 trend that has clearly been impacted by the pandemic is the growth of a movement towards a "shared economy". It is not surprising that many consumers continue to be hesitant about jumping back into booking vacation rentals on-line or using ride-sharing services. The "rent-not-own economy" in development since the GFC-era housing crisis has also shifted as some consumers leave large urban centers to buy homes in less dense areas.[16] While this "flight to safety" has negatively impacted apartment rentals and commercial real estate, the Housing and Automotive sectors have seen some of the swiftest post-recession recoveries.[17] This has been in part due to the shift away from urban centers, but also due to the historically low-interest rate environment enabling more affordability to purchase a new home or vehicle.

Inarguably though, the sector of the economy most deeply impacted by the COVID-19 crisis has been the service sector, given the challenges resulting from forced business shutdowns followed by either voluntary or mandated social distancing procedures. This has most negatively impacted the retail, restaurant, travel, and leisure industries, which combined make up 18% of U.S. GDP and 27% of the U.S. job market.[18] If the unraveling of the shared and service economies persists, it will continue to weigh on the recovery of a significant part of the economy and increase the risk of a higher level of what could potentially be permanent U.S. unemployment.

Stimulus Jolt for Consumer Wallets

As evident in comparison to the GFC, the COVID-19 recession carries its own set of unique impacts and outcomes. The COVID-19 recession has been defined and affected by the ongoing uncertainty of combatting the virus, the ramifications of the November U.S. elections, and the potential challenges confronting the economy into 2021. One of those challenges is the maintenance of a healthy level of consumer spending. Accounting for nearly 70% of U.S. GDP[19], spending will be a major factor in determining how effectively and how quickly the economy heals. The good news is

[16] Source: Barclays Equity Research, *"Future of Real Estate"*, September 29, 2020; migration out of urban zip codes from February to July 2020 was larger than the same period in 2019 in at least six large cities including Dallas, New York, Los Angeles, Seattle, San Francisco, and Miami.
[17] Source: Morgan Stanley, Global Economics Factbook, "How Does GCR Recovery Compare with the GFC?", September 22, 2020
[18] Source: U.S. Bureau of Labor Statistics
[19] Source: U.S. Bureau of Economic Analysis. Consumer spending as a % of GDP was 67 percent at the end of Q1 and Q2 2020 and 68 percent for Q4 2019.

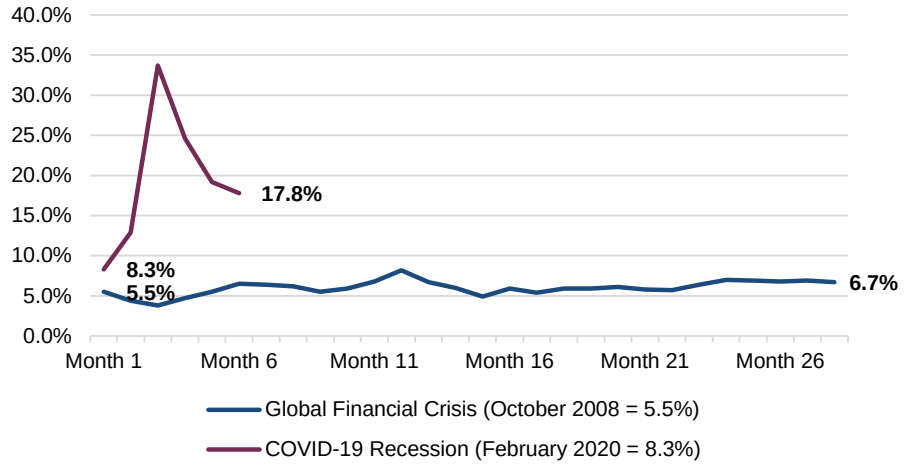
that various fundamentals of the consumer backdrop provide some glimmers of hope that U.S. consumers could be more resilient than expected.

One critical difference today versus the GFC is the impressive boost of consumer liquidity triggered in March by the historic Coronavirus Aid, Relief and Economic Security (CARES) Act. An intentional lack of spending by consumers during the early months of the crisis coupled with the passage of the CARES Act created an exceptional surplus of unspent consumer capital. Since the stimulus hit consumer wallets, U.S. Bureau of Economic Analysis data indicates consumers have built up excess savings of over $12 trillion.

In comparison, savings rates during the GFC, and for three years after the recession ended, averaged 6.6%[20]. This translated to weaker levels of consumer confidence and a slower recovery in consumer spending, in comparison to the 17.8% savings rate as of July 2020 shown in the chart in the column to the right. This excess savings may have been a factor in U.S. retail sales that, as of August, are now above pre-COVID-19 levels.[21] As a yardstick, the country's return to "spending as usual" has taken six months during the COVID-19 crisis versus 33 months during the GFC recovery.[22]

[20] Source: U.S. Bureau of Economic Analysis
[21] Source: U.S. Census Bureau
[22] Source: Morgan Stanley, Global Economics Factbook, "How Does GCR Recovery Compare with the GFC?", September 22, 2020

U.S. Savings Rate



Source: U.S. Bureau of Economic Analysis

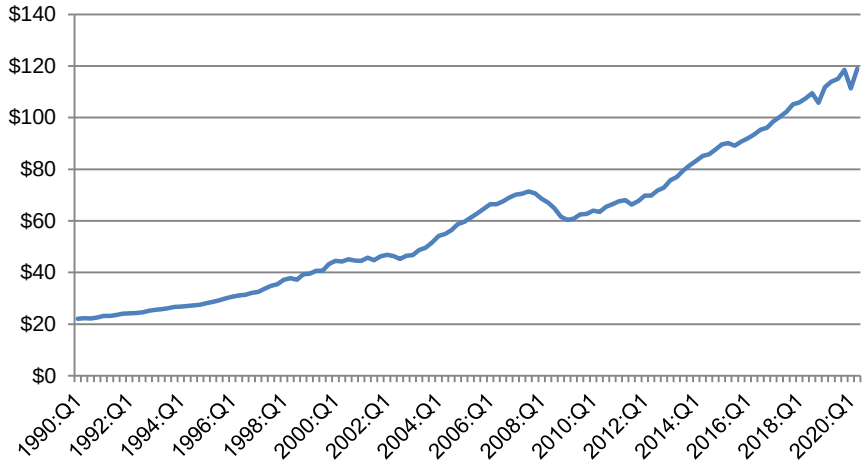
The employment picture has also been distinctive in the COVID-19 crisis. Shortly after the March economic shutdowns across the country, the U.S. unemployment rate quickly spiked to 14.7% at its peak in April. This was followed by a similarly dramatic decline to an 8.4% unemployment rate in August.[23] The job recovery, to date, has been one of the fastest in modern history, but there is still a looming uphill battle: employment and consumer confidence continue to lag the GFC recovery.

Will Consumer Spending Lead the Recovery into 2021?

Two key inputs have historically been factors in determining a consumer's propensity to spend: their savings and balance sheets. As we enter the critical holiday season, analysts wonder if the excess savings, in addition to higher consumer balance sheets, will carry through to higher spending -- despite the headwinds on employment and consumer confidence. For context, U.S. consumer net worth increased by $2.5 trillion to an all-time high of $119 trillion in the second quarter, as shown in the chart on the next page.

[23] Source: U.S. Bureau of Labor Statistics

U.S. Consumer Net Worth (USD Trillion)



Source: U.S. Federal Reserve

Despite this spending potential, uncertainty may continue as the service economy struggles with potentially greater levels of structural unemployment that will weigh on consumer confidence and spending intentions going into 2021. One metric that might provide some insight to the spending recovery from here is known as the Marginal Propensity to Consumer (MPC). This is a Keynesian economic theory which compares the rate of change in consumption to the rate of change in savings.

The U.S. has historically had a relatively higher MPC compared to other countries and thus a lower savings rate. This indicates the potential for a continued consumer spending recovery by looking at the high savings balances and consumer net worth as we enter the final quarter of 2020. The question remains whether the uncertainty around the November elections, the continuing impact of COVID-19, and the unraveling of the shared and service economies will prevent the continued healing of the economy as we enter 2021. We believe there are indications that consumers can indeed withstand these headwinds near-term and potentially aid the economic recovery by continuing to spend down excess savings over the next several years.

Economic and Market Perspectives
Q4 2020

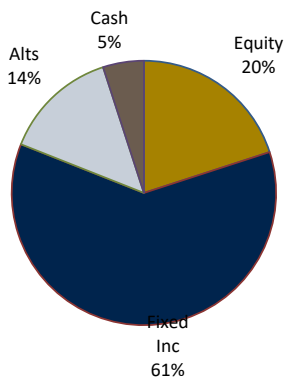
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INVESTMENT POOLS - ASSET ALLOCATION

El Toro Water District - 401(k) Plan

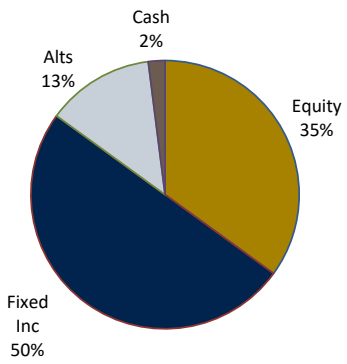
Capital Preservation



65+ years old

Equity:	10% - 30%
Fixed Income:	40% - 80%
Alternatives:	10% - 20%
Cash:	0% - 20%

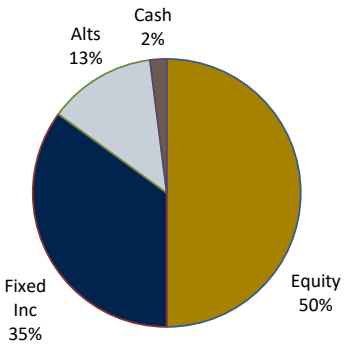
Income



60-64 years old

Equity:	25% - 45%
Fixed Income:	30% - 70%
Alternatives:	10% - 20%
Cash:	0% - 20%

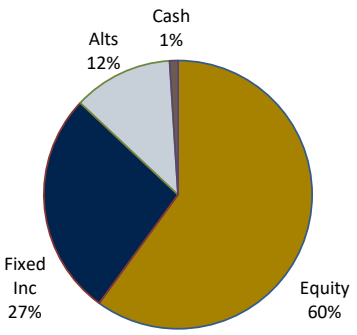
Income & Growth



55-59 years old

Equity:	40%-60%
Fixed Income:	20% - 60%
Alternatives:	10% - 20%
Cash:	0% - 20%

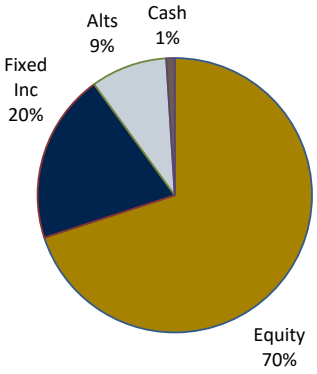
Balanced Income



50-54 years old

Equity:	50% - 70%
Fixed Income:	15% - 35%
Alternatives:	10% - 20%
Cash:	0% - 20%

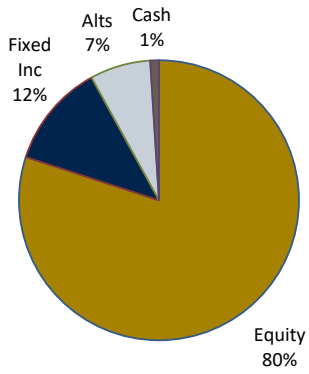
Balanced



45-49 years old

Equity:	60% - 80%
Fixed Income:	10% - 30%
Alternatives:	5% - 15%
Cash:	0% - 20%

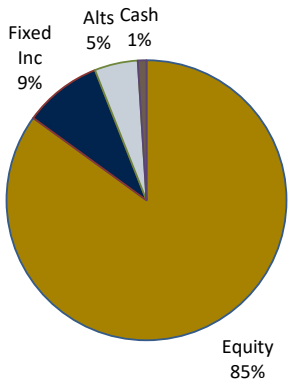
Capital Appreciation



40-44 years old

Equity:	70% - 90%
Fixed Income:	5% - 20%
Alternatives:	5% - 15%
Cash:	0% - 20%

Growth

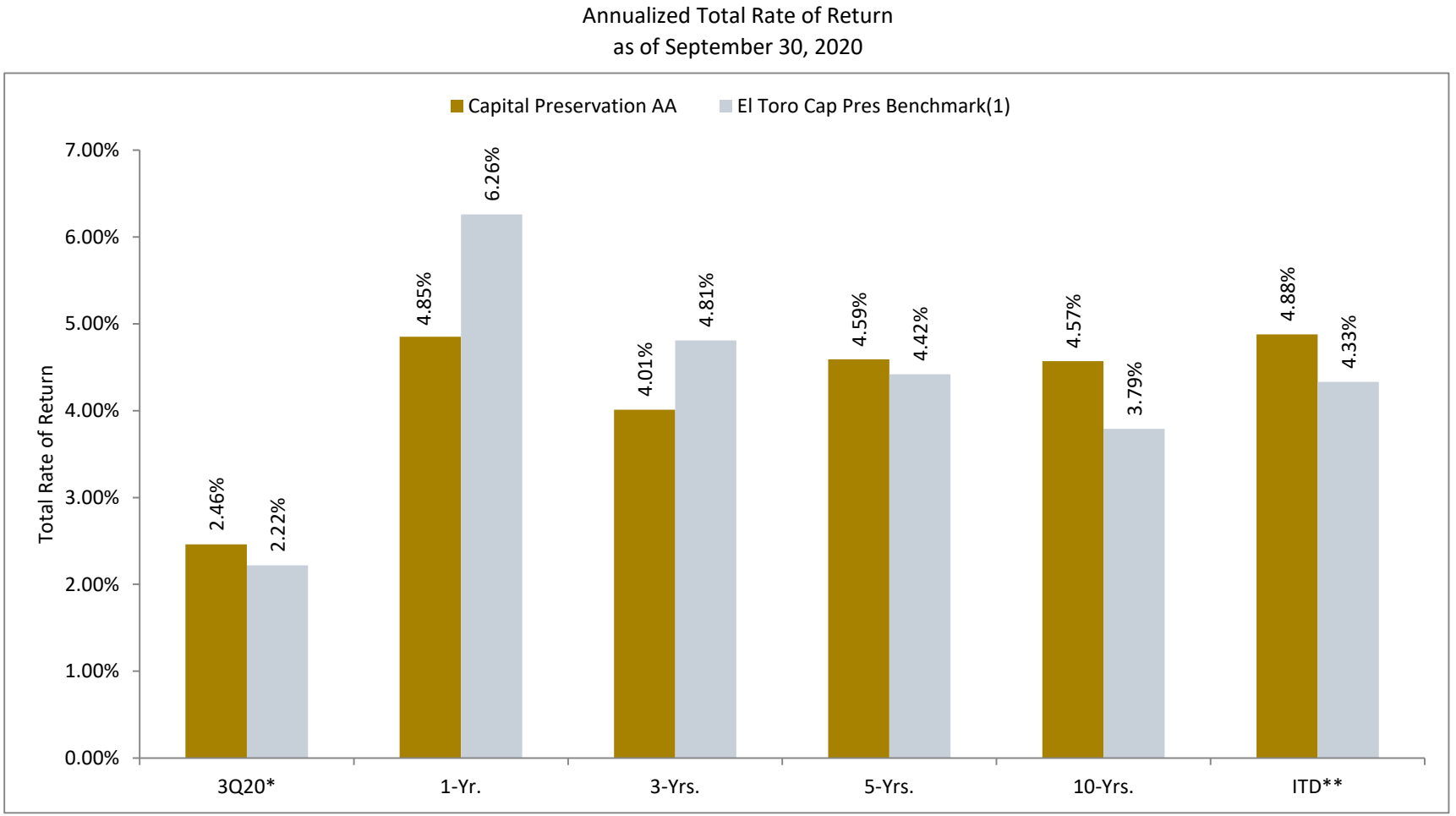


< 40 years old

Equity:	75% - 95%
Fixed Income:	5% - 15%
Alternatives:	2% - 10%
Cash:	0% - 20%

INVESTMENT RETURNS - CAPITAL PRESERVATION PORTFOLIO

El Toro Water District - 401(k) Plan



**Returns for periods under one year are not annualized*

***Inception date: January 2006*

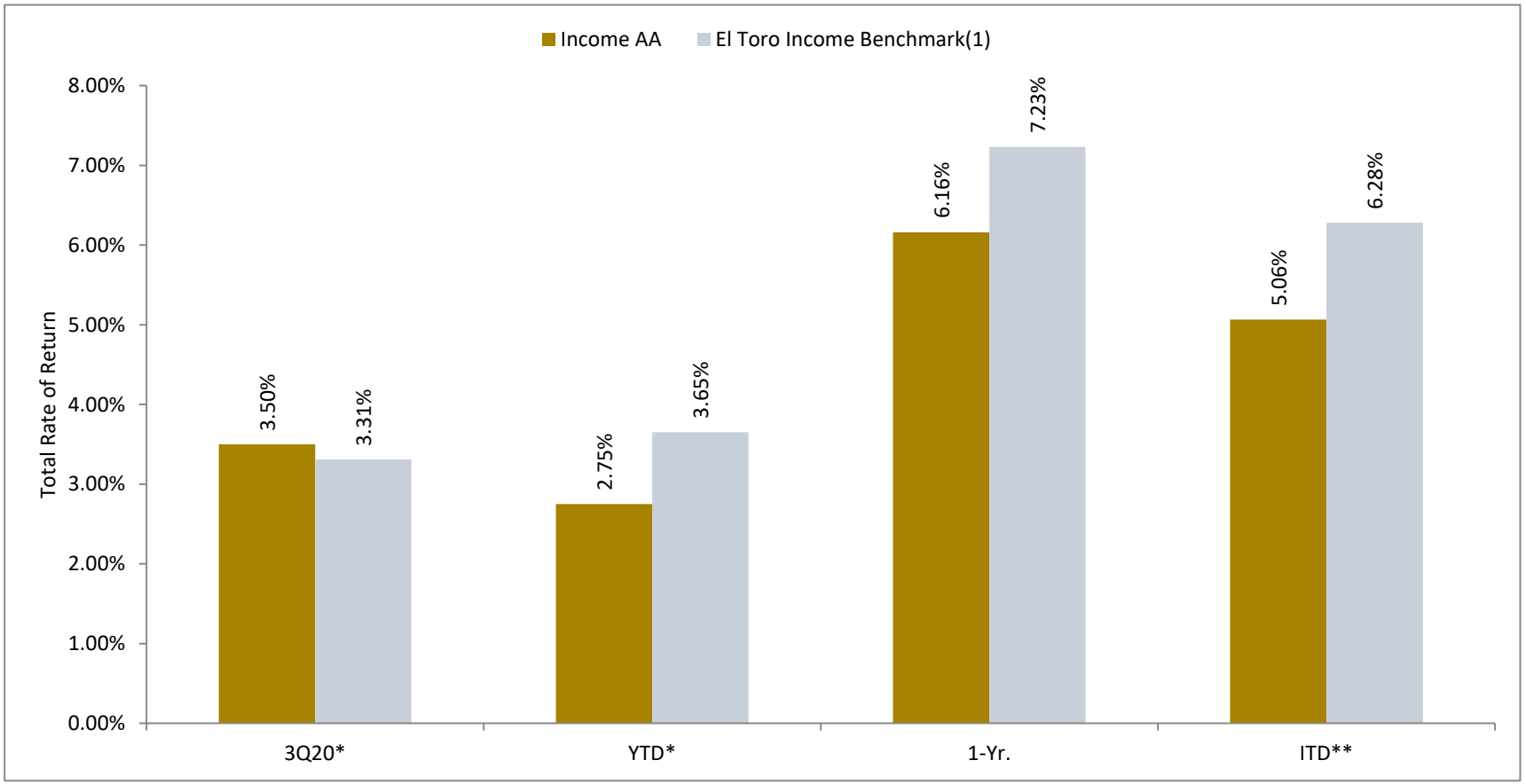
(1) El Toro Cap Pres Benchmark: 12% S&P 500, 2% Russell MidCap, 2% Russell 2000, 3% MSCI EAFE, 1% MSCI Emerging Markets, 44% Barclays US Aggregate Bond, 17% Barclays 1-3 Year Government/Credit Bond, 14% Wilshire Liquid Alternatives, 5% ICE BofAML 3 Mo US T-Bill

Note: Alternatives benchmark was changed from HFRI FOF Index to Wilshire Liquid Alternatives Index as of 5/31/18

INVESTMENT RETURNS - INCOME PORTFOLIO

El Toro Water District - 401(k) Plan

Annualized Total Rate of Return
as of September 30, 2020



**Returns for periods under one year are not annualized*

***Inception date: August 2018*

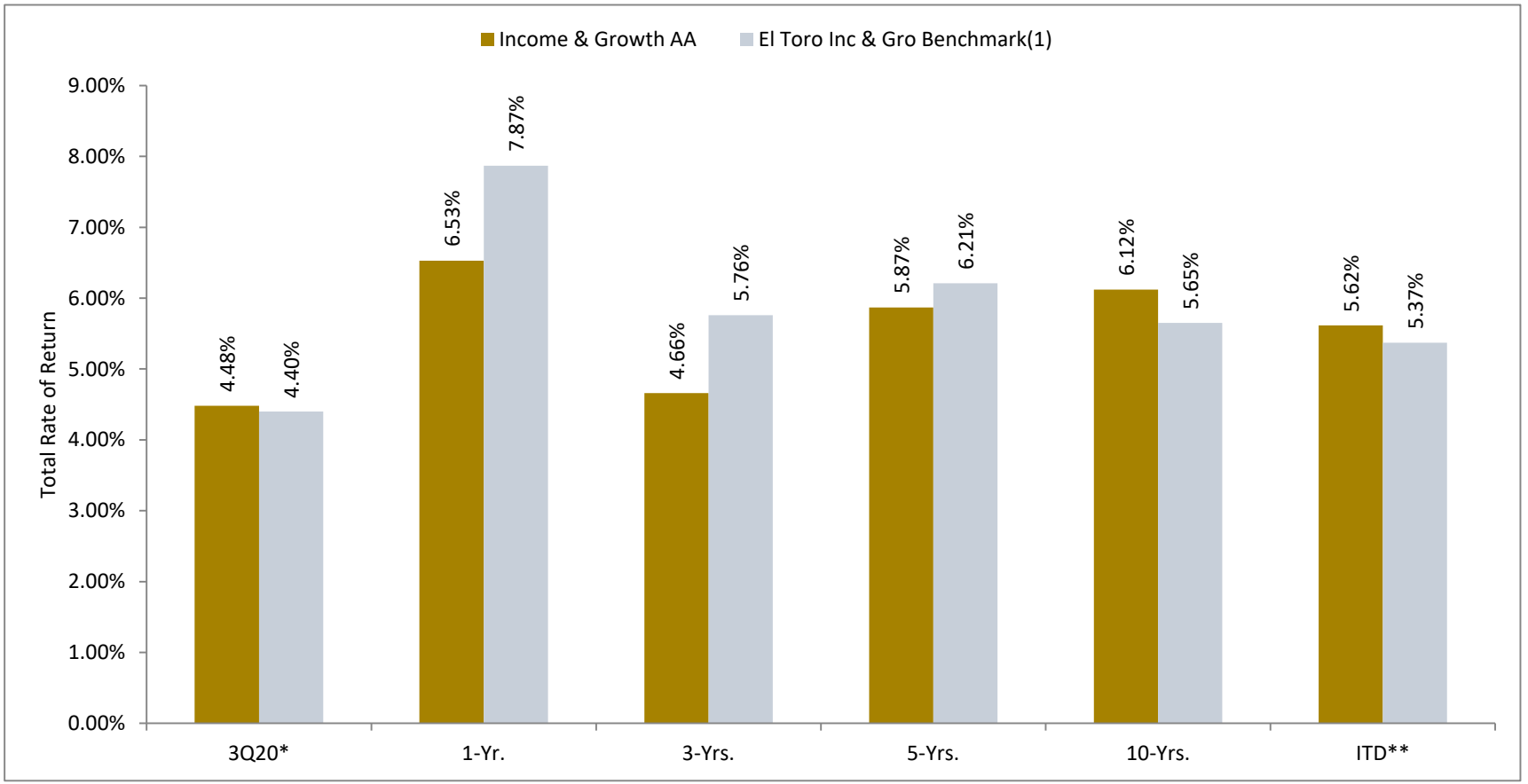
(1) El Toro Income Benchmark: 21% S&P 500, 3% Russell MidCap, 3% Russell 2000, 6% MSCI EAFE, 2% MSCI Emerging Market, 36% Barclays US Aggregate Bond, 14% Barclays 1-3 Year Government/Credit Bond, 13% Wilshire Liquid Alternatives, 2% ICE BofAML 3 Mo US T-Bill

Note: Alternatives benchmark was changed from HFRI FOF Index to Wilshire Liquid Alternatives Index as of 5/31/18

INVESTMENT RETURNS - INCOME & GROWTH PORTFOLIO

El Toro Water District - 401(k) Plan

Annualized Total Rate of Return
as of September 30, 2020



**Returns for periods under one year are not annualized*

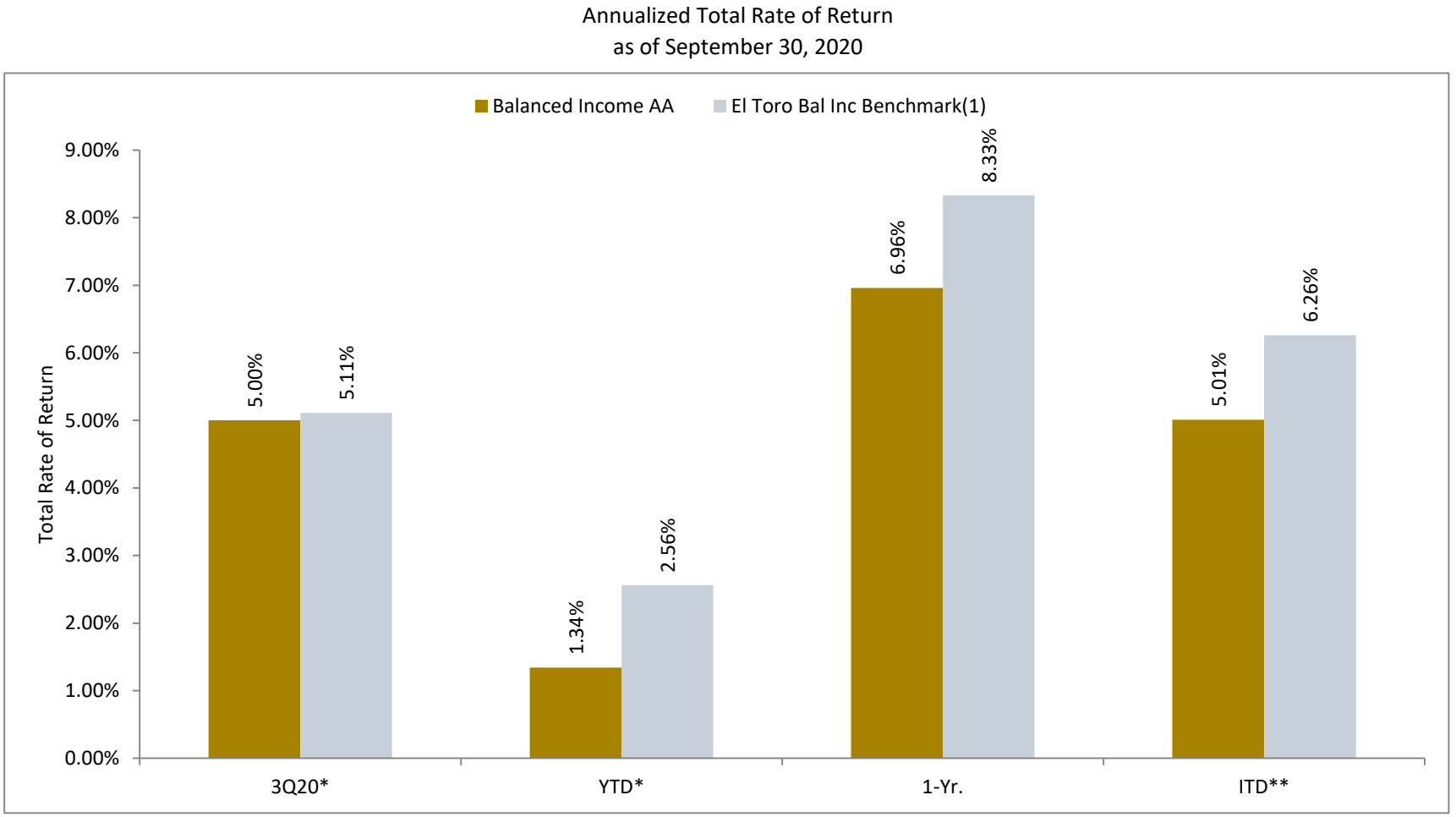
***Inception date: January 2006*

(1) El Toro Inc & Gro Benchmark: 30% S&P 500, 4% Russell MidCap, 4% Russell 2000, 9% MSCI EAFE, 3% MSCI Emerging Market, 25% Barclays US Aggregate Bond, 10% Barclays 1-3 Year Government/Credit Bond, 13% Wilshire Liquid Alternatives, 2% ICE BofAML 3 Mo US T-Bill

Note: Alternatives benchmark was changed from HFRI FOF Index to Wilshire Liquid Alternatives Index as of 5/31/18

INVESTMENT RETURNS - BALANCED INCOME PORTFOLIO

El Toro Water District - 401(k) Plan



**Returns for periods under one year are not annualized*

***Inception date: August 2018*

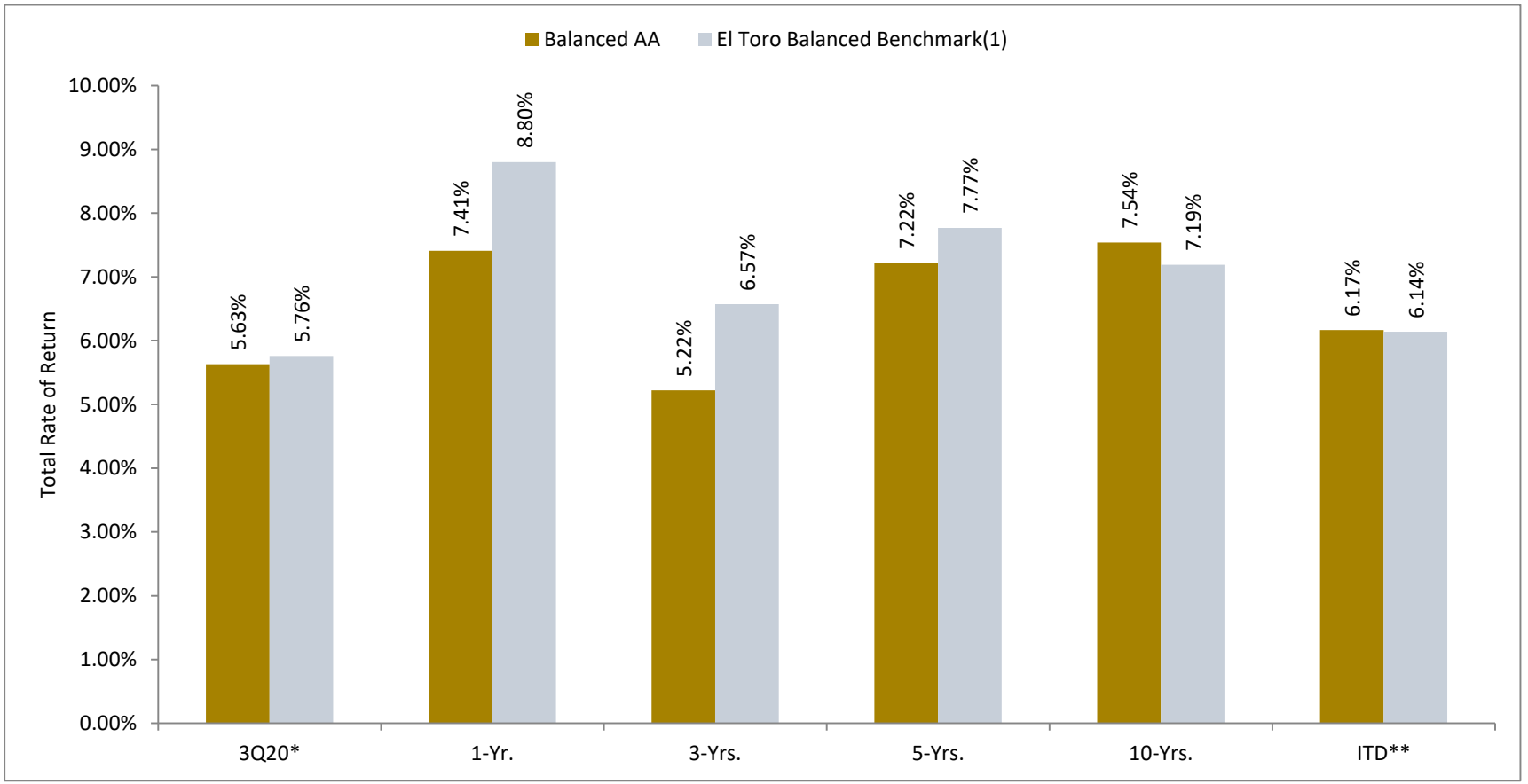
(1) El Toro Bal Inc Benchmark: 36% S&P 500, 4% Russell MidCap, 4% Russell 2000, 12% MSCI EAFE, 4% MSCI Emerging Market, 19% Barclays US Aggregate Bond, 8% Barclays 1-3 Year Government/Credit Bond, 12% Wilshire Liquid Alternatives, 1% ICE BofAML 3 Mo US T-Bill

Note: Alternatives benchmark was changed from HFRI FOF Index to Wilshire Liquid Alternatives Index as of 5/31/18

INVESTMENT RETURNS - BALANCED PORTFOLIO

El Toro Water District - 401(k) Plan

Annualized Total Rate of Return
as of September 30, 2020



**Returns for periods under one year are not annualized*

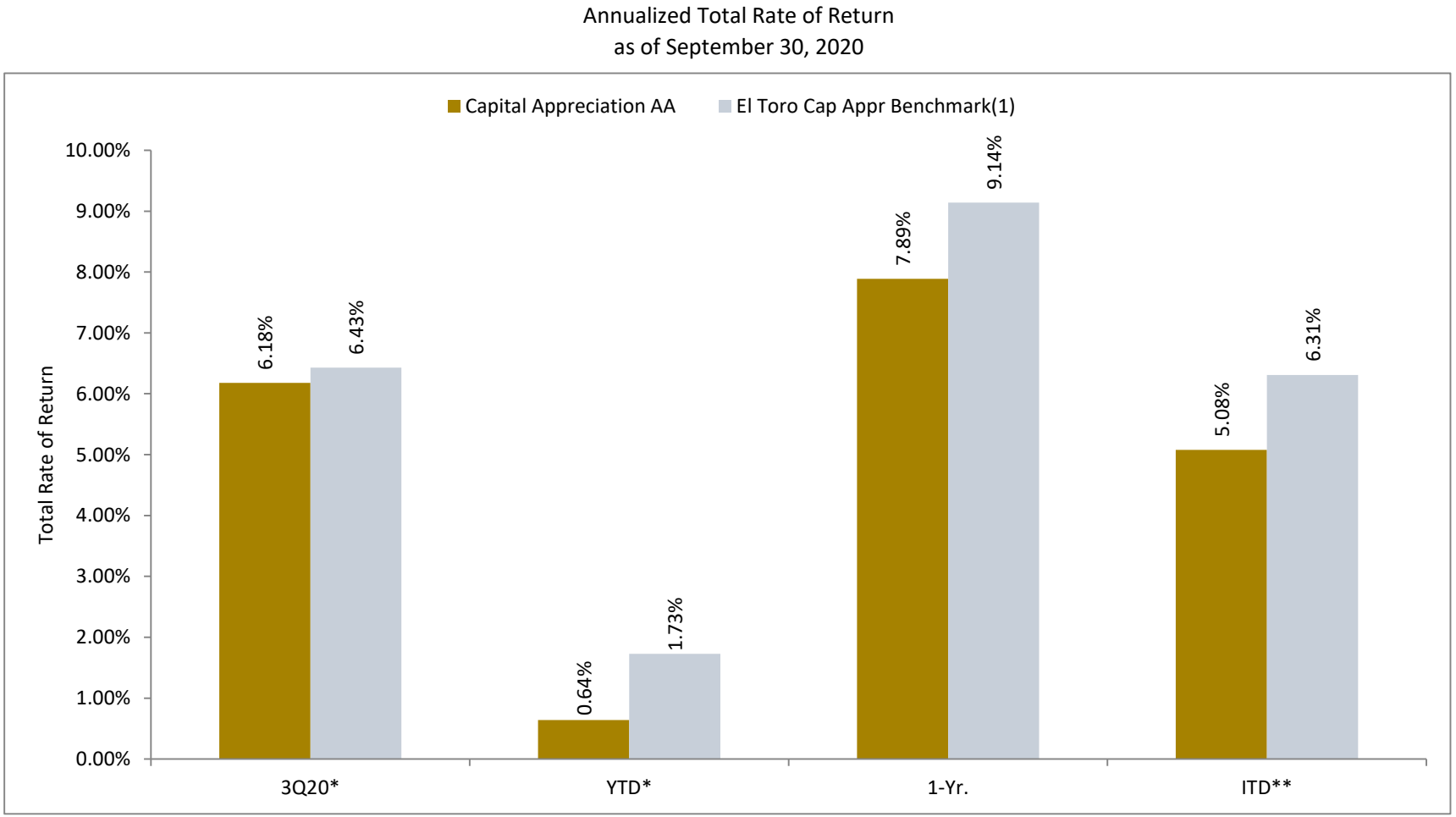
***Inception date: January 2006*

(1) El Toro Balanced Benchmark: 42% S&P 500, 5% Russell MidCap, 5% Russell 2000, 14% MSCI EAFE, 4% MSCI Emerging Market, 14% Barclays US Aggregate Bond, 6% Barclays 1-3 Year Government/Credit Bond, 9% Wilshire Liquid Alternatives, 1% ICE BofAML 3 Mo US T-Bill

Note: Alternatives benchmark was changed from HFRI FOF Index to Wilshire Liquid Alternatives Index as of 5/31/18

INVESTMENT RETURNS - CAPITAL APPRECIATION PORTFOLIO

El Toro Water District - 401(k) Plan



**Returns for periods under one year are not annualized*

***Inception date: August 2018*

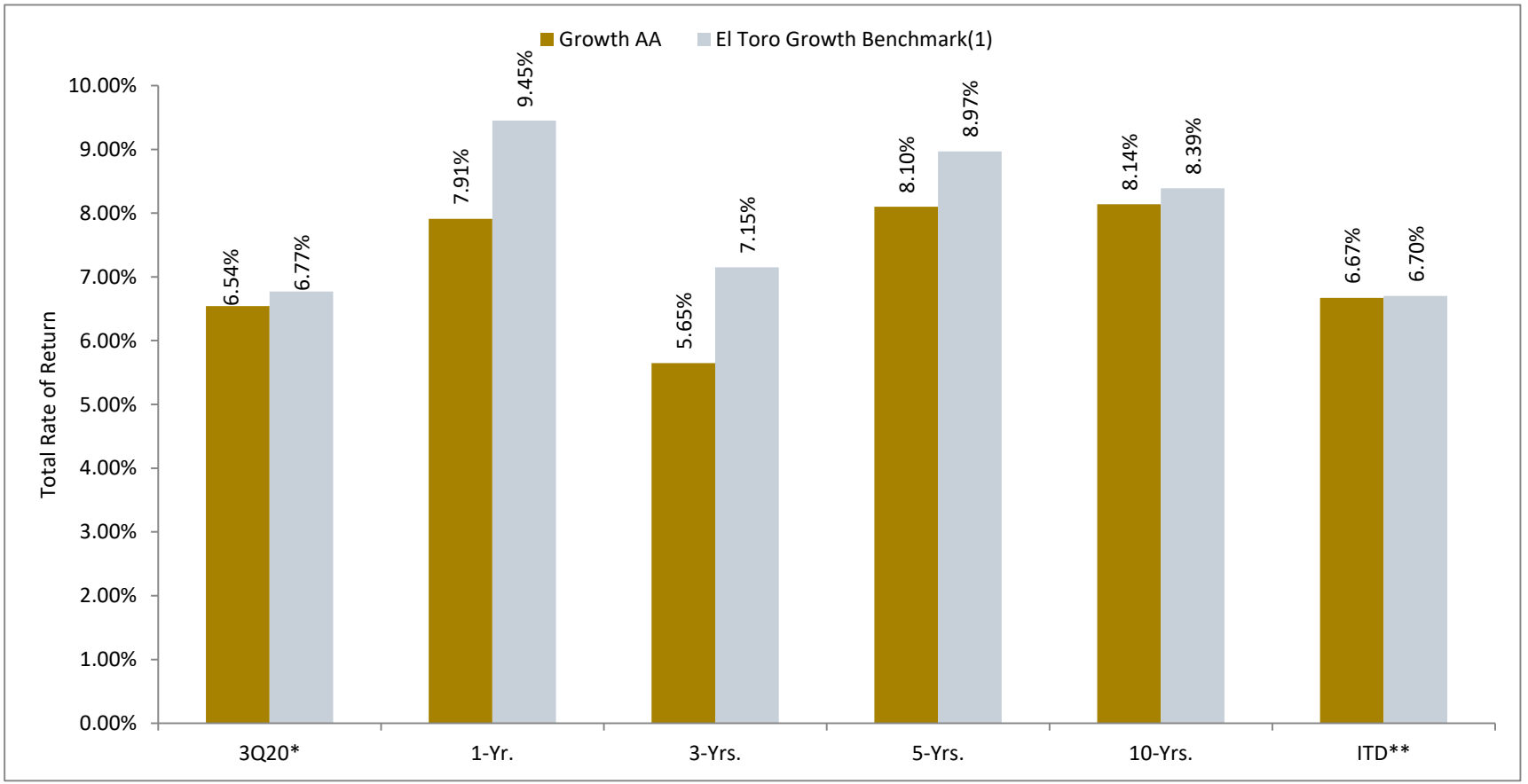
(1) El Toro Cap Appr Benchmark: 48% S&P 500, 6% Russell MidCap, 6% Russell 2000, 16% MSCI EAFE, 4% MSCI Emerging Market, 8% Barclays US Aggregate Bond, 4% Barclays 1-3 year Government/Credit, 7% Wilshire Liquid Alternatives, 1% ICE BofAML 3 Mo US T-Bill

Note: Alternatives benchmark was changed from HFRI FOF Index to Wilshire Liquid Alternatives Index as of 5/31/18

INVESTMENT RETURNS - GROWTH PORTFOLIO

El Toro Water District - 401(k) Plan

Annualized Total Rate of Return
as of September 30, 2020



**Returns for periods under one year are not annualized*

***Inception date: January 2006*

(1) El Toro Growth Benchmark: 51% S&P 500, 6% Russell MidCap, 6% Russell 2000, 17% MSCI EAFE, 5% MSCI Emerging Market, 6% Barclays US Aggregate Bond, 3% Barclays 1-3 year Government/Credit, 5% Wilshire Liquid Alternatives, 1% ICE BofAML 3 Mo US T-Bill

Note: Alternatives benchmark was changed from HFRI FOF Index to Wilshire Liquid Alternatives Index as of 5/31/18

INVESTMENT RETURNS - FIXED INCOME FUNDS

El Toro Water District - 401(k) Plan

			Annualized Total Rate of Return (%) as of 09/30/2020					
Ticker	**Name**	**MStar Rating***	**3-Mos.****	**YTD****	**1-Yr.**	**3-Yrs.**	**5-Yrs.**	**10-Yrs.**
Ultra Short-Term Bond								
VUSFX	Vanguard Ultra-Short-Term Bond Admiral	4	0.46	1.80	2.46	2.50	1.98	-
Short-Term Bond								
VFSUX	Vanguard Short-Term Investment-Grade Adm	5	0.93	4.23	4.89	3.64	3.13	2.65
Intermediate-Term Bond								
DODIX	Dodge & Cox Income	4	1.48	6.80	7.70	5.49	5.22	4.41
DBLFX	DoubleLine Core Fixed Income I	3	1.84	3.82	4.15	4.04	3.90	4.61
PTTRX	PIMCO Total Return Instl	4	1.49	7.74	7.42	5.21	4.74	3.98
PTRQX	PGIM Total Return Bond R6	5	1.78	5.59	5.96	5.64	5.30	5.06

**Morningstar overall rating*

***Returns for periods under one year are not annualized*

Returns are shown net of embedded expense ratios

Source: Morningstar Direct

INVESTMENT RETURNS - EQUITY FUNDS

El Toro Water District - 401(k) Plan

			Annualized Total Rate of Return (%) as of 09/30/2020					
Ticker	**Name**	**MStar Rating***	**3-Mos.****	**YTD****	**1-Yr.**	**3-Yrs.**	**5-Yrs.**	**10-Yrs.**
Large Blend								
COFYX	Columbia Contrarian Core Inst3	3	8.72	7.22	17.10	11.11	13.23	13.86
VGIAX	Vanguard Growth & Income Adm	4	8.56	4.97	14.19	11.50	13.42	13.73
Large Value								
DODGX	Dodge & Cox Stock	4	4.28	-11.34	-2.39	2.84	9.06	11.03
PKAIX	PIMCO RAE US Instl	3	5.86	-11.22	-3.93	3.40	7.77	-
IVE	iShares S&P 500 Value ETF	4	4.76	-11.53	-2.79	4.03	8.67	10.17
Large Growth								
HNACX	Harbor Capital Appreciation Retirement	4	15.86	37.24	54.32	24.81	21.53	18.25
LSITX	ClearBridge Large Cap Growth IS	3	12.61	20.56	31.47	19.53	18.44	16.95
Mid Blend								
VO	Vanguard Mid-Cap ETF	5	7.94	0.17	7.07	7.98	10.33	11.96
Small Blend								
DCZRX	Delaware Small Cap Core R6	4	0.91	-10.81	-4.13	0.78	7.50	11.03
VB	Vanguard Small-Cap ETF	5	5.79	-6.31	1.32	4.39	8.94	10.95

**Morningstar overall rating*

***Returns for periods under one year are not annualized*

Returns are shown net of embedded expense ratios

Source: Morningstar Direct

INVESTMENT RETURNS - EQUITY FUNDS

El Toro Water District - 401(k) Plan

			Annualized Total Rate of Return (%) as of 09/30/2020					
Ticker	**Name**	**MStar Rating***	**3-Mos.****	**YTD****	**1-Yr.**	**3-Yrs.**	**5-Yrs.**	**10-Yrs.**
Small Growth								
RSEJX	Victory RS Small Cap Growth R6	4	9.51	12.85	28.04	14.93	14.90	15.35
VBK	Vanguard Small-Cap Growth ETF	3	7.75	8.54	18.69	12.85	13.69	13.32
Small Cap Value								
UBVFX	Undiscovered Managers Behavioral Val R6	2	0.91	-27.67	-22.40	-7.22	1.83	8.14
Foreign Large Value								
DODFX	Dodge & Cox International Stock	3	0.39	-18.12	-9.43	-5.85	2.21	3.13
Foreign Large Blend								
DFALX	DFA Large Cap International I	3	5.23	-6.75	0.73	0.57	5.44	4.50
HEFA	iShares Currency Hedged MSCI EAFE ETF	4	1.15	-8.50	-3.65	2.39	6.21	-
Foreign Large Growth								
MGRDX	MFS International Growth R6	4	9.03	3.80	13.18	8.47	11.26	7.64
Diversified Emerging Markets								
HHHFX	Hartford Schroders Emerging Mkts Eq F	4	11.25	1.99	13.54	4.13	10.56	3.79

**Morningstar overall rating*

***Returns for periods under one year are not annualized*

Returns are shown net of embedded expense ratios

Source: Morningstar Direct

INVESTMENT RETURNS - ALTERNATIVE FUNDS

El Toro Water District - 401(k) Plan

			Annualized Total Rate of Return (%) as of 09/30/2020					
Ticker	**Name**	**MStar Rating***	**3-Mos.****	**YTD****	**1-Yr.**	**3-Yrs.**	**5-Yrs.**	**10-Yrs.**
Market Neutral								
QMNIX	AQR Equity Market Neutral I	2	-2.97	-14.67	-17.04	-12.32	-5.20	-
BSIKX	BlackRock Strategic Income Opps K	4	2.80	3.03	4.70	3.70	3.74	3.53
BILPX	BlackRock Event Driven Equity Instl	5	2.05	2.47	3.93	4.74	5.86	9.51
Managed Futures								
AHLIX	American Beacon AHL Mgd Futs Strat R5	4	0.19	3.13	-0.45	3.30	1.11	-
AMFNX	AlphaSimplex Mgd Futs Strat N	3	2.70	5.55	1.19	1.80	-0.41	2.41
Global Macro								
EGRSX	Eaton Vance Glbl Macro Abs Ret Advtg R6	3	1.34	1.34	6.67	2.55	4.54	3.36
Fund of Hedge Funds								
BSTKX	BlackRock Total Factor K	2	-1.71	-14.99	-16.43	-2.26	1.35	-
QSPIX	AQR Style Premia Alternative I	1	0.30	-19.14	-22.14	-11.74	-5.69	-
REITs								
ICF	iShares Cohen & Steers REIT ETF	4	1.57	-11.14	-12.68	3.34	5.27	8.52

**Morningstar overall rating*

***Returns for periods under one year are not annualized*

Returns are shown net of embedded expense ratios

Source: Morningstar Direct

INVESTMENT RETURNS & RANKINGS - FIXED INCOME FUNDS

El Toro Water District - 401(k) Plan

Annualized Total Rate of Return (%) as of 09/30/2020

Ticker	Name	Exp Ratio	MStar Rtg*	3-Mos** Tot ROR	3-Mos** Mstar Rnkg	3-Mos** Lipper Rnkg	YTD** Tot ROR	YTD** Mstar Rnkg	YTD** Lipper Rnkg	1-Year Tot ROR	1-Year Mstar Rnkg	1-Year Lipper Rnkg	3-Years Tot ROR	3-Years Mstar Rnkg	3-Years Lipper Rnkg	5-Years Tot ROR	5-Years Mstar Rnkg	5-Years Lipper Rnkg	10-Years Tot ROR	10-Years Mstar Rnkg	10-Years Lipper Rnkg	3 Yr Shrp%	3 Yr SD	Lipper Category
Ultra Short-Term Bond																								
VUSFX	Vanguard Ultra-Short-Term Bond Admiral	0.10	4	0.46	46	12	1.80	16	9	2.46	13	9	2.50	14	19	1.98	24	n.a.	-	-	n.a.	0.93	0.94	Lipper Ultra Sht Obligation Funds
Peer Group	US Fund Short-Term Bond			0.99			2.71			3.30			2.76			2.39			1.99			0.51	2.76	
Index	BBgBarc US Govt/Credit 1-3 Yr TR USD			0.23			3.12			3.73			2.84			2.09			1.57			1.18	1.03	
Short-Term Bond																								
VFSUX	Vanguard Short-Term Investment-Grade Adm	0.10	5	0.93	41	52	4.23	12	5	4.89	12	5	3.64	8	2	3.13	10	8	2.65	15	6	0.73	2.77	Lipper Sht Inv Grade Debt Funds
Peer Group	US Fund Short-Term Bond			0.99			2.71			3.30			2.76			2.39			1.99			0.51	2.76	
Index	BBgBarc US Govt/Credit 1-3 Yr TR USD			0.23			3.12			3.73			2.84			2.09			1.57			1.18	1.03	
Intermediate-Term Bond																								
DBLFX	DoubleLine Core Fixed Income I	0.41	3	1.84	29	32	3.82	84	95	4.15	85	95	4.04	78	87	3.90	76	79	4.61	15	19	0.53	4.68	Lipper Core Plus Bond Funds
DODIX	Dodge & Cox Income	0.42	4	1.48	57	29	6.80	38	24	7.70	25	24	5.49	22	20	5.22	11	2	4.41	22	7	1.05	3.61	Lipper Core Bond Funds
PTTRX	PIMCO Total Return Instl	0.70	4	1.49	56	67	7.74	16	38	7.42	33	38	5.21	35	40	4.74	31	36	3.98	50	55	1.04	3.42	Lipper Core Plus Bond Funds
PTRQX	PGIM Total Return Bond R6	0.40	5	1.78	33	36	5.59	65	70	5.96	63	70	5.64	16	20	5.30	9	12	5.06	7	n.a.	0.72	5.68	Lipper Core Plus Bond Funds
Peer Group	US Fund Intermediate Core Bond			0.94			6.50			6.66			4.88			3.94			3.49			0.93	3.55	
Index	BBgBarc US Agg Bond TR USD			0.62			6.79			6.98			5.24			4.18			3.64			1.07	3.37	

**Morningstar overall rating*

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Source: Morningstar Direct; Wilshire Compass (Lipper Rankings)

INVESTMENT RETURNS & RANKINGS - EQUITY FUNDS

El Toro Water District - 401(k) Plan

Annualized Total Rate of Return (%) as of 09/30/2020

Ticker	Name	Exp Ratio	MStar Rtg*	3-Mos** Tot ROR	3-Mos** Mstar Rnkg	3-Mos** Lipper Rnkg	YTD** Tot ROR	YTD** Mstar Rnkg	YTD** Lipper Rnkg	1-Year Tot ROR	1-Year Mstar Rnkg	1-Year Lipper Rnkg	3-Years Tot ROR	3-Years Mstar Rnkg	3-Years Lipper Rnkg	5-Years Tot ROR	5-Years Mstar Rnkg	5-Years Lipper Rnkg	10-Years Tot ROR	10-Years Mstar Rnkg	10-Years Lipper Rnkg	3 Yr Shrp%	3 Yr SD	Lipper Category
Large Blend																								
COFYX	Columbia Contrarian Core Inst3	0.64	3	8.72	46	51	7.22	15	21	17.10	13	21	11.11	43	46	13.23	35	36	13.86	7	n.a.	0.59	18.00	Lipper Large-Cap Core Funds
VGIAX	Vanguard Growth & Income Adm	0.23	4	8.56	49	53	4.97	41	45	14.19	39	45	11.50	37	41	13.42	32	33	13.73	9	15	0.61	18.06	Lipper Large-Cap Core Funds
Peer Group	US Fund Large Blend			8.06			2.30			10.70			9.55			11.77			11.96			0.52	17.97	
Index	Russell 1000 TR USD			9.47			6.40			16.01			12.38			14.09			13.76			0.65	18.19	
Index	S&P 500 TR USD			8.93			5.57			15.15			12.28			14.15			13.74			0.65	17.74	
Large Value																								
DODGX	Dodge & Cox Stock	0.52	4	4.28	63	60	-11.34	52	20	-2.39	34	20	2.84	46	24	9.06	22	8	11.03	10	2	0.16	20.62	Lipper Large-Cap Value Funds
PKAIX	PIMCO RAE US Instl	0.41	3	5.86	31	27	-11.22	50	26	-3.93	45	26	3.40	41	19	7.77	41	19	-	-	n.a.	0.19	19.23	Lipper Large-Cap Core Funds
IVE	iShares S&P 500 Value ETF	0.18	4	4.76	53	56	-11.53	55	42	-2.79	37	42	4.03	35	41	8.67	27	29	10.17	28	32	0.22	18.18	Lipper Large-Cap Value Funds
Peer Group	US Fund Large Value			4.85			-11.07			-4.52			2.55			7.26			9.17			0.15	18.59	
Index	Russell 1000 Value TR USD			5.59			-11.58			-5.03			2.63			7.66			9.95			0.15	18.33	
Large Growth																								
HNACX	Harbor Capital Appreciation Retirement	0.58	4	15.86	10	6	37.24	10	5	54.32	8	5	24.81	10	8	21.53	10	n.a.	18.25	8	n.a.	1.08	21.22	Lipper Large-Cap Growth Funds
LSITX	ClearBridge Large Cap Growth IS	0.63	3	12.61	27	30	20.56	48	71	31.47	50	71	19.53	41	58	18.44	37	48	16.95	21	n.a.	0.97	18.46	Lipper Large-Cap Growth Funds
Peer Group	US Fund Large Growth			11.54			20.64			32.13			18.22			16.99			15.01			0.88	19.23	
Index	Russell 1000 Growth TR USD			13.22			24.33			37.53			21.67			20.10			17.25			1.04	19.05	
Mid Core																								
VO	Vanguard Mid-Cap ETF	0.04	5	7.94	21	12	0.17	13	7	7.07	12	7	7.98	11	5	10.33	13	8	11.96	8	6	0.40	20.38	Lipper Mid-Cap Core Funds
Peer Group	US Fund Mid-Cap Blend			6.34			-7.00			-0.46			3.43			7.34			9.51			0.20	21.03	
Index	Russell Mid Cap TR USD			7.46			-2.35			4.55			7.13			10.13			11.76			0.36	20.74	

**Morningstar overall rating*

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Source: Morningstar Direct; Wilshire Compass (Lipper Rankings)

INVESTMENT RETURNS & RANKINGS - EQUITY FUNDS

El Toro Water District - 401(k) Plan

Annualized Total Rate of Return (%) as of 09/30/2020

Ticker	Name	Exp Ratio	MStar Rtg*	3-Mos** Tot ROR	3-Mos** Mstar Rnkg	3-Mos** Lipper Rnkg	YTD** Tot ROR	YTD** Mstar Rnkg	YTD** Lipper Rnkg	1-Year Tot ROR	1-Year Mstar Rnkg	1-Year Lipper Rnkg	3-Years Tot ROR	3-Years Mstar Rnkg	3-Years Lipper Rnkg	5-Years Tot ROR	5-Years Mstar Rnkg	5-Years Lipper Rnkg	10-Years Tot ROR	10-Years Mstar Rnkg	10-Years Lipper Rnkg	3 Yr Shrp%	3 Yr SD	Lipper Category
Small Value																								
UBVFX	Undiscovered Managers Behavioral Val R6	0.80	2	0.91	75	86	-27.67	90	98	-22.40	93	98	-7.22	73	95	1.83	64	90	8.14	15	n.a.	-0.19	27.34	Lipper Small-Cap Value Funds
Peer Group	US Fund Small Value			2.98			-20.54			-14.26			-5.51			2.67			6.44			-0.16	25.01	
Index	Russell 2000 Value TR USD			2.56			-21.54			-14.88			-5.13			4.11			7.09			-0.17	23.56	
Small Blend																								
DCZRX	Delaware Small Cap Core R6	0.72	4	0.91	90	86	-10.81	36	30	-4.13	38	30	0.78	33	24	7.50	22	n.a.	11.03	3	n.a.	0.08	22.13	Lipper Small-Cap Core Funds
VB	Vanguard Small-Cap ETF	0.05	5	5.79	23	22	-6.31	15	13	1.32	15	13	4.39	7	6	8.94	5	5	10.95	4	5	0.24	22.78	Lipper Small-Cap Core Funds
Peer Group	US Fund Small Blend			4.17			-13.32			-6.56			-0.86			5.68			8.66			0.01	23.33	
Index	Russell 2000 TR USD			4.93			-8.69			0.39			1.77			8.00			9.85			0.12	23.00	
Small Growth																								
RSEJX	Victory RS Small Cap Growth R6	1.06	4	9.51	36	37	12.85	34	37	28.04	28	30	14.93	30	32	14.90	31	n.a.	15.35	13	n.a.	0.63	24.35	Lipper Small-Cap Growth Funds
VBK	Vanguard Small-Cap Growth ETF	0.07	3	7.75	53	59	8.54	45	59	18.69	46	48	12.85	39	42	13.69	42	44	13.32	40	41	0.58	22.68	Lipper Small-Cap Growth Funds
Peer Group	US Fund Small Growth			8.17			8.41			18.73			11.08			12.88			12.63			0.48	23.45	
Index	Russell 2000 Growth TR USD			7.16			3.88			15.71			8.18			11.42			12.34			0.39	23.11	

**Morningstar overall rating*

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Source: Morningstar Direct; Wilshire Compass (Lipper Rankings)

INVESTMENT RETURNS & RANKINGS - EQUITY FUNDS

El Toro Water District - 401(k) Plan

Annualized Total Rate of Return (%) as of 09/30/2020

Ticker	Name	Exp Ratio	MStar Rtg*	3-Mos** Tot ROR	3-Mos** Mstar Rnkg	3-Mos** Lipper Rnkg	YTD** Tot ROR	YTD** Mstar Rnkg	YTD** Lipper Rnkg	1-Year Tot ROR	1-Year Mstar Rnkg	1-Year Lipper Rnkg	3-Years Tot ROR	3-Years Mstar Rnkg	3-Years Lipper Rnkg	5-Years Tot ROR	5-Years Mstar Rnkg	5-Years Lipper Rnkg	10-Years Tot ROR	10-Years Mstar Rnkg	10-Years Lipper Rnkg	3 Yr Shrp%	3 Yr SD	Lipper Category
Foreign Large Blend																								
DFALX	DFA Large Cap International I	0.23	3	5.23	60	48	-6.75	59	53	0.73	59	53	0.57	53	43	5.44	43	35	4.50	44	38	0.02	16.66	Lipper International Large-Cap Core
HEFA	iShares Currency Hedged MSCI EAFE ETF	0.03	4	1.15	100	99	-8.50	80	91	-3.65	89	91	2.39	18	6	6.21	25	15	-	-	n.a.	0.13	14.13	Lipper International Multi-Cap Core
Peer Group	US Fund Foreign Large Blend			5.80			-5.73			2.19			0.41			5.19			4.34			0.01	16.22	
Peer Group	US Fund Europe Stock			5.47			-6.42			2.46			-0.17			4.82			4.87			-0.01	17.75	
Index	MSCI EAFE NR USD			4.80			-7.09			0.49			0.62			5.26			4.62			0.01	15.45	
Index	MSCI ACWI Ex USA NR USD			6.25			-5.44			3.00			1.16			6.23			4.00			0.05	16.23	
Foreign Large Value																								
DODFX	Dodge & Cox International Stock	0.63	3	0.39	91	98	-18.12	75	91	-9.43	67	91	-5.85	82	97	2.21	54	8	3.13	32	12	-0.28	19.96	Lipper International Large-Cap Growth
Peer Group	US Fund Foreign Large Value			3.01			-14.10			-6.83			-3.83			2.44			2.52			-0.22	17.44	
Index	MSCI EAFE Value NR USD			1.19			-18.31			-11.93			-5.86			1.14			2.10			-0.35	17.47	
Index	MSCI ACWI Ex USA Value NR USD			2.28			-17.60			-10.83			-5.09			2.14			1.50			-0.30	17.66	
Foreign Large Growth																								
MGRDX	MFS International Growth R6	0.73	4	9.03	50	48	3.80	62	59	13.18	63	59	8.47	34	25	11.26	23	11	7.64	27	17	0.52	14.61	Lipper International Multi-Cap Growth
Peer Group	US Fund Foreign Large Growth			9.63			8.10			18.53			7.17			9.70			7.12			0.35	16.25	
Index	MSCI EAFE Growth NR USD			8.43			4.60			13.44			7.07			9.22			7.00			0.44	14.32	
Index	MSCI ACWI Ex USA Growth NR USD			10.16			7.27			17.54			7.33			10.16			6.38			0.43	15.55	
Diversified Emerging Markets																								
HHHFX	Hartford Schroders Emerging Mkts Eq F	1.07	4	11.25	21	27	1.99	29	36	13.54	29	36	4.13	23	29	10.56	23	n.a.	3.79	25	n.a.	0.22	19.09	Lipper Emerging Markets Funds
Peer Group	US Fund Diversified Emerging Mkts			8.87			-1.43			9.11			1.73			8.08			2.46			0.10	19.53	
Index	MSCI EM NR USD			9.56			-1.16			10.54			2.42			8.97			2.50			0.14	18.94	

**Morningstar overall rating*

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Source: Morningstar Direct; Wilshire Compass (Lipper Rankings)

INVESTMENT RETURNS & RANKINGS - ALTERNATIVE FUNDS

El Toro Water District - 401(k) Plan

Annualized Total Rate of Return (%) as of 09/30/2020

Ticker	Name	Exp Ratio	MStar Rtg*	3-Mos** Tot ROR	3-Mos** Mstar Rnkg	3-Mos** Lipper Rnkg	YTD** Tot ROR	YTD** Mstar Rnkg	YTD** Lipper Rnkg	1-Year Tot ROR	1-Year Mstar Rnkg	1-Year Lipper Rnkg	3-Years Tot ROR	3-Years Mstar Rnkg	3-Years Lipper Rnkg	5-Years Tot ROR	5-Years Mstar Rnkg	5-Years Lipper Rnkg	10-Years Tot ROR	10-Years Mstar Rnkg	10-Years Lipper Rnkg	3 Yr Shrp%	3 Yr SD	Lipper Category
Market Neutral																								
QMNIX	AQR Equity Market Neutral I	2.21	2	-2.97	89	81	-14.67	95	90	-17.04	97	90	-12.32	97	91	-5.20	90	75	-	-	n.a.	-2.24	6.47	Lipper Alt Equity Mkt Neutral
BSIKX	BlackRock Strategic Income Opps K	0.65	4	2.80	33	42	3.03	28	24	4.70	26	24	3.70	14	10	3.74	32	n.a.	3.53	16	n.a.	0.44	4.90	Lipper Alt Credit Focus Funds
BILPX	BlackRock Event Driven Equity Instl	1.2	5	2.05	36	61	2.47	31	34	3.93	28	34	4.74	20	29	5.86	7	24	9.51	-	1	0.64	4.92	Lipper Alt Event Driven Funds
Managed Futures																								
AHLIX	American Beacon AHL Mgd Futs Strat R5	1.54	4	0.19	40	46	3.13	16	23	-0.45	29	23	3.30	13	8	1.11	17	11	-	-	n.a.	0.21	10.34	Lipper Alt Managed Futures
AMFNX	AlphaSimplex Mgd Futs Strat N	1.36	3	2.70	11	10	5.55	10	12	1.19	19	12	1.80	26	26	-0.41	29	n.a.	2.41	1	n.a.	0.08	12.50	Lipper Alt Managed Futures
Global Macro																								
EGRSX	Eaton Vance Glbl Macro Abs Ret Advtg R6	1.26	3	1.34	74	81	1.34	49	23	6.67	10	23	2.55	44	52	4.54	16	n.a.	3.36	22	n.a.	0.15	8.57	Lipper Alt Global Macro Funds
Fund of Hedge Funds																								
BSTKX	BlackRock Total Factor K	0.50	2	-1.71	98	98	-14.99	91	97	-16.43	93	97	-2.26	88	95	1.35	-	n.a.	-	-	n.a.	-0.45	7.93	Lipper Alt Multi-Strategy Funds
QSPIX	AQR Style Premia Alternative I	2.48	1	0.30	81	82	-19.14	98	96	-22.14	99	96	-11.74	99	99	-5.69	98	99	-	-	n.a.	-1.93	7.16	Lipper Absolute Return
REITs																								
ICF	iShares Cohen & Steers REIT ETF	0.34	4	1.57	56	65	-11.14	25	50	-12.68	41	50	3.34	25	30	5.27	30	30	8.52	37	31	0.19	16.57	Lipper Real Estate Funds

**Morningstar overall rating*

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Source: Morningstar Direct; Wilshire Compass (Lipper Rankings)

TARGET FUND ALLOCATIONS

El Toro Water District - 401(k) Plan

	Capital Preservation	Income	Income & Growth	Balanced Income	Balanced	Capital Appreciation	Growth		
Equity	*20%*	*35%*	*51%*	*58%*	*67%*	*78%*	*82%*	**Ticker**	**Fund Name**
Large Cap Blend	3.08%	5.70%	8.63%	9.31%	10.80%	12.46%	12.40%	COFYX	Columbia Contrarian Core Inst3
	3.10%	5.47%	8.66%	8.97%	10.34%	11.92%	12.38%	VGIAX	Vanguard Growth & Income Adm
Large Cap Growth	1.75%	3.07%	4.47%	5.25%	5.92%	7.10%	7.22%	HNACX	Harbor Capital Appreciation Retirement
	1.46%	2.52%	3.50%	4.14%	5.07%	5.57%	6.11%	LSITX	ClearBridge Large Cap Growth IS
Large Cap Value	1.44%	2.46%	3.26%	3.93%	4.51%	5.27%	5.62%	PKAIX	PIMCO RAE US Instl
	1.43%	2.45%	3.23%	3.90%	4.50%	5.17%	5.58%	DODGX	Dodge & Cox Stock
	0.23%	0.53%	0.49%	0.97%	1.27%	1.50%	1.75%	IVE	iShares S&P 500 Value ETF
Mid Cap Blend	0.42%	0.77%	0.57%	0.92%	0.84%	0.89%	1.02%	VO	Vanguard Mid-Cap ETF
Small Cap Blend	0.61%	1.32%	1.40%	1.12%	1.38%	1.56%	1.70%	DCZRX	Delaware Small Cap Core R6
	0.27%	0.51%	1.24%	1.48%	1.34%	1.73%	1.74%	VB	Vanguard Small-Cap ETF
Small Cap Growth	0.34%	0.49%	1.02%	0.97%	1.30%	1.59%	1.49%	RSEJX	Victory RS Small Cap Growth R6
	0.19%	0.30%	0.71%	0.86%	1.19%	1.08%	1.46%	VBK	Vanguard Small-Cap Growth ETF
Small Cap Value	0.49%	0.77%	1.26%	1.76%	1.99%	2.56%	2.72%	UBVFX	Undiscovered Managers Behavioral Val R6
Foreign Large Blend	0.77%	1.27%	1.13%	1.64%	1.75%	2.17%	2.17%	HEFA	iShares Currency Hedged MSCI EAFE ETF
	1.88%	3.42%	5.93%	6.56%	7.58%	8.76%	9.10%	DFALX	DFA Large Cap International I
Foreign Large Growth	0.65%	1.21%	1.50%	1.96%	2.17%	2.55%	2.75%	MGRDX	MFS International Growth R6
Foreign Large Value	0.56%	1.03%	1.30%	1.67%	2.04%	2.27%	2.44%	DODFX	Dodge & Cox International Stock
Emerging Markets	0.97%	1.73%	2.39%	2.81%	3.27%	3.75%	3.95%	HHHFX	Hartford Schroders Emerging Mkts Eq F
Alternatives	*10%*	*11%*	*12%*	*10%*	*8%*	*5%*	*5%*	**Ticker**	**Fund Name**
Global Macro	1.52%	1.65%	2.12%	1.99%	1.44%	0.99%	0.90%	EGRSX	Eaton Vance Glbl Macro Abs Ret Advtg R6
Managed Futures	1.37%	1.41%	1.30%	1.27%	0.85%	0.50%	0.40%	AHLIX	American Beacon AHL Mgd Futs Strat R5
	1.42%	1.46%	1.34%	1.32%	0.91%	0.54%	0.61%	AMFNX	AlphaSimplex Mgd Futs Strat N
Market Neutral	0.30%	0.39%	0.48%	0.47%	0.27%	0.20%	0.18%	QMNIX	AQR Equity Market Neutral I
	0.76%	0.83%	1.03%	1.01%	0.99%	0.65%	0.59%	BSIKX	BlackRock Strategic Income Opps K
	1.52%	1.50%	1.55%	1.18%	0.97%	0.87%	0.93%	BILPX	BlackRock Event Driven Equity Instl
Multi-Strategy / Fund of Funds	0.42%	0.59%	0.63%	0.57%	0.42%	0.21%	0.22%	BSTKX	BlackRock Total Factor K
	0.28%	0.51%	0.93%	0.67%	0.66%	0.34%	0.29%	QSPIX	AQR Style Premia Alternative I
REITs	2.50%	2.48%	2.24%	1.82%	1.50%	1.07%	0.96%	ICF	iShares Cohen & Steers REIT ETF
Fixed Income	*67%*	*51%*	*37%*	*29%*	*21%*	*13%*	*9%*	**Ticker**	**Fund Name**
Ultra Short-Term Bond	3.99%	0.00%	0.00%	2.03%	2.01%	2.04%	1.01%	VUSFX	Vanguard Ultra-Short-Term Bond Admiral
Short-Term Bond	6.97%	3.67%	3.16%	3.37%	2.36%	2.04%	1.51%	VFSUX	Vanguard Short-Term Investment-Grade Adm
Intermediate-Term Bond	13.51%	11.56%	8.22%	5.66%	4.10%	2.10%	1.57%	DBLFX	DoubleLine Core Fixed Income I
	14.10%	12.07%	8.57%	5.92%	4.27%	2.19%	1.64%	PTTRX	PIMCO Total Return Instl
	14.16%	11.96%	8.60%	5.96%	4.24%	2.20%	1.65%	PTRQX	PGIM Total Return Bond R6
	14.10%	12.06%	8.58%	5.89%	4.26%	2.19%	1.64%	DODIX	Dodge & Cox Income
Cash	*3%*	*3%*	*1%*	*3%*	*3%*	*4%*	*4%*	**Ticker**	**Fund Name**
Cash & Equivalents	3.45%	2.85%	0.57%	2.67%	3.49%	3.97%	4.32%	FIGXX	Fidelity Money Market Government Portfolio I
TOTAL	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**		

Target Allocations are subject to change without notice.

INVESTMENT PORTFOLIO SUMMARY - CAPITAL PRESERVATION

El Toro Water District - 401(k) Plan

Data as of: 09/30/2020

Portfolio Manager:
Keith Stribling, CFA

Account Snapshot

Asset Class	Market Value	Tax Cost	Est. Annual Income	Current Yield (%)
Cash & Equivalents	$49,567.65	$49,567.65	$131.35	0.27%
Fixed Income	$961,525.11	$940,883.26	$25,422.72	2.64%
Equities	$282,531.72	$257,664.36	$4,497.90	1.59%
Alternatives	$145,101.16	$150,772.22	$3,850.98	2.65%
Other	$0.00	$0.00	$0.00	0.00%
Total	**$1,438,725.64**	**$1,398,887.49**	**$33,902.97**	**2.36%**

Yields are gross of any fees and reflect the reinvestment of dividends and other income

Asset Allocation

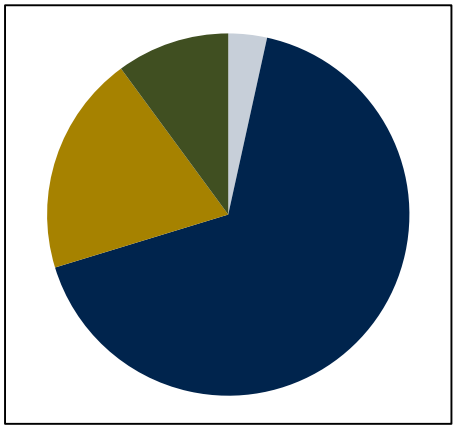
3.4% Cash & Equivalents

66.8% Fixed Income

19.6% Equities

10.1% Alternatives

0.0% Other



Income Summary (1, 2)

Cash & Equivalents Income Earned YTD	$964
Taxable Fixed Income Income Earned YTD	$19,804
Tax-Exempt Fixed Income Income Earned YTD	$0
Equity Income Earned YTD	$2,216
Alternative Income Earned YTD	$613
Other Income Earned YTD	$0
Total	**$23,598**

Net Gain/Loss Summary (3)

	Realized	Unrealized
Net Short Term Gain/Loss	-$906	
Net Long Term Gain/Loss	$58,202	
Total	**$57,297**	**$39,838**

(1) As of 09/30/2020

(2) Information is calculated on a calendar year basis and includes income, dividends, and capital gain distributions

(3) Gain/Loss information is for informational purposes only.

HOLDINGS REPORT

El Toro Water District 401(k) - Capital Preservation

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
CASH EQUIVALENTS								
MONEY MARKET FUNDS/CASH								
n.a.	n.a.	CASH	(1,704.9700)	($1,704.97)	1.00	($1,704.97)	-3.44%	-0.12%
FPZXX	n.a.	CASH FUND	51,272.62	$51,272.62	1.00	$51,272.62	103.44%	3.56%
TOTAL CASH				**$49,567.65**		**$49,567.65**		**3.45%**
FIXED INCOME								
Ultra Short-Term Bond Funds								
VUSFX	922031711	Vanguard Ultra-Short-Term Bond Admiral	2,851.78	57,491.82	20.14	57,434.81	5.97%	3.99%
Short-Term Bond Funds								
VFSUX	922031836	Vanguard Short-Term Investment-Grade Adm	9,138.96	98,286.80	10.98	100,345.80	10.44%	6.97%
Intermediate-Term Bond Funds								
DBLFX	258620301	DoubleLine Core Fixed Income I	17,308.59	190,758.96	11.23	194,375.47	20.22%	13.51%
DODIX	256210105	Dodge & Cox Income	13,832.92	195,690.28	14.66	202,790.53	21.09%	14.10%
PTRQX	74440B884	PGIM Total Return Bond R6	13,700.24	201,223.33	14.87	203,722.52	21.19%	14.16%
PTTRX	693390700	PIMCO Total Return Instl	18,559.56	197,432.07	10.93	202,855.98	21.10%	14.10%
				$785,104.64		$803,744.50		55.87%
TOTAL FIXED INCOME				**$940,883.26**		**$961,525.11**		**66.83%**
EQUITY								
Large Cap Blend Funds								
COFYX	19766M709	Columbia Contrarian Core Inst3	1,505.95	37,573.59	29.41	44,289.93	15.68%	3.08%
VGIAX	921913208	Vanguard Growth & Income Adm	504.57	38,679.12	88.4	44,603.55	15.79%	3.10%
				$76,252.71		$88,893.48		6.18%
Large Cap Value Funds								
DODGX	256219106	Dodge & Cox Stock	123.90	21,423.08	166.53	20,633.73	7.30%	1.43%
PKAIX	72202L462	PIMCO RAE US Instl	2,016.78	20,807.75	10.29	20,752.66	7.35%	1.44%
IVE	464287408	iShares S&P 500 Value ETF	29.00	3,492.41	112.45	3,261.05	1.15%	0.23%
				$45,723.24		$44,647.44		3.10%

HOLDINGS REPORT

El Toro Water District 401(k) - Capital Preservation

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
Large Cap Growth Funds								
HNACX	411512528	Harbor Capital Appreciation Retirement	242.01	18,671.64	103.89	25,142.63	8.90%	1.75%
LSITX	52469H255	ClearBridge Large Cap Growth IS	317.74	16,472.81	65.9	20,939.33	7.41%	1.46%
				$35,144.45		$46,081.96		3.20%
Mid Cap Blend Funds								
VO	922908629	Vanguard Mid-Cap ETF	34.00	5,661.01	176.26	5,992.84	2.12%	0.42%
Small Cap Value Funds								
UBVFX	904504479	Undiscovered Managers Behavioral Val R6	156.28	8,879.47	45.37	7,090.61	2.51%	0.49%
Small Cap Blend Funds								
DCZRX	24610B826	Delaware Small Cap Core R6	417.43	9,217.39	21.13	8,820.21	3.12%	0.61%
VB	922908751	Vanguard Small-Cap ETF	25.00	3,727.51	153.8	3,845.00	1.36%	0.27%
				$12,944.90		$12,665.21		0.88%
Small Cap Growth Funds								
RSEJX	92647Q363	Victory RS Small Cap Growth R6	53.04	4,341.63	91.68	4,862.62	1.72%	0.34%
VBK	922908595	Vanguard Small-Cap Growth ETF	13.00	2,489.16	214.93	2,794.09	0.99%	0.19%
				$6,830.79		$7,656.71		0.53%
Foreign Large Value Funds								
DODFX	256206103	Dodge & Cox International Stock	226.88	8,801.54	35.7	8,099.47	2.87%	0.56%
Foreign Large Blend Funds								
DFALX	233203868	DFA Large Cap International I	1,247.33	26,237.10	21.69	27,054.50	9.58%	1.88%
HEFA	46434V803	iShares Currency Hedged MSCI EAFE ETF	400.00	10,779.86	27.54	11,016.00	3.90%	0.77%
				$37,016.96		$38,070.50		2.65%
Foreign Large Growth Funds								
MGRDX	552746356	MFS International Growth R6	244.66	8,058.89	38.51	9,421.78	3.33%	0.65%
Diversified Emerging Markets								
HHHFX	41665X859	Hartford Schroders Emerging Mkts Eq F	822.69	12,350.40	16.91	13,911.72	4.92%	0.97%
				$12,350.40		$13,911.72		0.97%
TOTAL EQUITY				**$257,664.36**		**$282,531.72**		**19.64%**

HOLDINGS REPORT

El Toro Water District 401(k) - Capital Preservation

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
ALTERNATIVES								
Market Neutral								
QMNIX	00191K799	AQR Equity Market Neutral I	543.96	6,071.76	7.85	4,270.05	1.51%	0.30%
BILPX	09250J734	BlackRock Event Driven Equity Instl	2,277.01	22,350.08	9.63	21,927.58	7.76%	1.52%
BSIKX	09260B374	BlackRock Strategic Income Opps K	1,082.72	10,658.97	10.07	10,903.01	3.86%	0.76%
				$39,080.81		$37,100.64		2.58%
Managed Futures								
AHLIX	024525669	American Beacon AHL Mgd Futs Strat R5	1,874.08	20,200.92	10.53	19,734.05	6.98%	1.37%
AMFNX	63873P825	AlphaSimplex Mgd Futs Strat N	2,066.50	20,817.05	9.89	20,437.68	7.23%	1.42%
				$41,017.97		$40,171.73		2.79%
Global Macro								
EGRSX	27830W108	Eaton Vance Glbl Macro Abs Ret Advtg R6	2,057.61	20,736.90	10.61	21,831.27	7.73%	1.52%
				$20,736.90		$21,831.27		1.52%
Fund of Hedge Funds								
BSTKX	09258N380	BlackRock Total Factor K	697.88	6,099.50	8.62	6,015.75	2.13%	0.42%
QSPIX	00203H420	AQR Style Premia Alternative I	618.25	5,925.81	6.59	4,074.25	1.44%	0.28%
				$12,025.31		$10,090.00		0.70%
REITs								
ICF	464287564	iShares Cohen & Steers REIT ETF	352.00	37,911.23	102.01	35,907.52	12.71%	2.50%
TOTAL ALTERNATIVES				**$150,772.22**		**$145,101.16**		**10.09%**
TOTAL - ALL ASSETS				**$1,398,887.49**		**$1,438,725.64**		**100.00%**

INVESTMENT PORTFOLIO SUMMARY - INCOME

El Toro Water District - 401(k) Plan

Data as of: 09/30/2020

Portfolio Manager:
Keith Stribling, CFA

Account Snapshot

Asset Class	Market Value	Tax Cost	Est. Annual Income	Current Yield (%)
Cash & Equivalents	$144,541.48	$144,541.48	$383.03	0.27%
Fixed Income	$2,604,244.96	$2,494,778.46	$68,856.24	2.64%
Equities	$1,776,011.40	$1,686,891.16	$28,274.10	1.59%
Alternatives	$549,357.53	$574,433.13	$14,579.95	2.65%
Other	$0.00	$0.00	$0.00	0.00%
Total	**$5,074,155.37**	**$4,900,644.23**	**$112,093.32**	**2.21%**

Yields are gross of any fees and reflect the reinvestment of dividends and other income

Asset Allocation

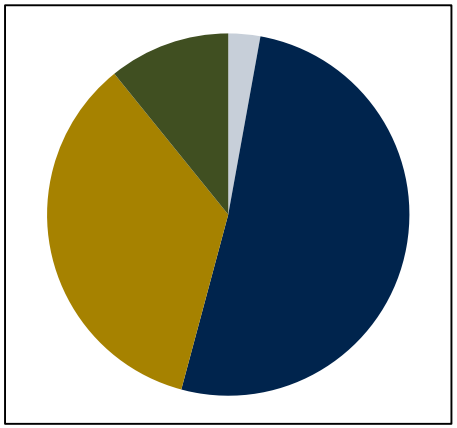
2.8% Cash & Equivalents

51.3% Fixed Income

35.0% Equities

10.8% Alternatives

0.0% Other



Income Summary (1, 2)

Cash & Equivalents Income Earned YTD	$910
Taxable Fixed Income Income Earned YTD	$51,166
Tax-Exempt Fixed Income Income Earned YTD	$0
Equity Income Earned YTD	$11,574
Alternative Income Earned YTD	$2,082
Other Income Earned YTD	$0
Total	**$65,731**

Net Gain/Loss Summary (3)

	Realized	Unrealized
Net Short Term Gain/Loss	-$9,716	
Net Long Term Gain/Loss	-$9,241	
Total	**-$18,957**	**$173,511**

(1) As of 09/30/2020

(2) Information is calculated on a calendar year basis and includes income, dividends, and capital gain distributions

(3) Gain/Loss information is for informational purposes only.

HOLDINGS REPORT

El Toro Water District 401(k) - Income

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
CASH EQUIVALENTS								
MONEY MARKET FUNDS/CASH								
n.a.	n.a.	CASH	(5,425.9000)	($5,425.90)	1.00	($5,425.90)	-3.75%	-0.11%
FPZXX	n.a.	CASH FUND	149,967.38	$149,967.38	1.00	$149,967.38	103.75%	2.96%
TOTAL CASH				**$144,541.48**		**$144,541.48**		**2.85%**
FIXED INCOME								
Short-Term Bond Funds								
VFSUX	922031836	Vanguard Short-Term Investment-Grade Adm	16,976.38	178,973.22	10.98	186,400.67	7.16%	3.67%
Intermediate-Term Bond Funds								
DBLFX	258620301	DoubleLine Core Fixed Income I	52,216.62	570,128.67	11.23	586,392.67	22.52%	11.56%
DODIX	256210105	Dodge & Cox Income	41,751.61	579,193.01	14.66	612,078.60	23.50%	12.06%
PTRQX	74440B884	PGIM Total Return Bond R6	40,825.19	589,909.31	14.87	607,070.53	23.31%	11.96%
PTTRX	693390700	PIMCO Total Return Instl	56,020.36	576,574.25	10.93	612,302.49	23.51%	12.07%
				$2,315,805.24		$2,417,844.29		47.65%
TOTAL FIXED INCOME				**$2,494,778.46**		**$2,604,244.96**		**51.32%**
EQUITY								
Large Cap Blend Funds								
COFYX	19766M709	Columbia Contrarian Core Inst3	9,833.74	261,304.12	29.41	289,210.38	16.28%	5.70%
VGIAX	921913208	Vanguard Growth & Income Adm	3,138.87	252,847.63	88.4	277,476.37	15.62%	5.47%
				$514,151.75		$566,686.75		11.17%
Large Cap Value Funds								
DODGX	256219106	Dodge & Cox Stock	745.12	137,768.56	166.53	124,084.50	6.99%	2.45%
PKAIX	72202L462	PIMCO RAE US Instl	12,132.92	132,334.89	10.29	124,847.72	7.03%	2.46%
IVE	464287408	iShares S&P 500 Value ETF	240.00	29,335.62	112.45	26,988.00	1.52%	0.53%
				$299,439.07		$275,920.22		5.44%
Large Cap Growth Funds								
HNACX	411512528	Harbor Capital Appreciation Retirement	1,499.96	114,945.61	103.89	155,830.95	8.77%	3.07%
LSITX	52469H255	ClearBridge Large Cap Growth IS	1,937.62	101,772.20	65.9	127,689.03	7.19%	2.52%
				$216,717.81		$283,519.98		5.59%
Mid Cap Blend Funds								
VO	922908629	Vanguard Mid-Cap ETF	222.00	37,217.22	176.26	39,129.72	2.20%	0.77%

HOLDINGS REPORT

El Toro Water District 401(k) - Income

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
Small Cap Value Funds								
UBVFX	904504479	Undiscovered Managers Behavioral Val R6	856.08	52,936.72	45.37	38,840.49	2.19%	0.77%
Small Cap Blend Funds								
DCZRX	24610B826	Delaware Small Cap Core R6	3,170.99	73,523.89	21.13	67,003.10	3.77%	1.32%
VB	922908751	Vanguard Small-Cap ETF	167.00	25,516.58	153.8	25,684.60	1.45%	0.51%
				$99,040.47		$92,687.70		1.83%
Small Cap Growth Funds								
RSEJX	92647Q363	Victory RS Small Cap Growth R6	269.17	21,178.50	91.68	24,677.69	1.39%	0.49%
VBK	922908595	Vanguard Small-Cap Growth ETF	70.00	13,403.18	214.93	15,045.10	0.85%	0.30%
				$34,581.68		$39,722.79		0.78%
Foreign Large Value Funds								
DODFX	256206103	Dodge & Cox International Stock	1,466.54	59,814.86	35.7	52,355.55	2.95%	1.03%
Foreign Large Blend Funds								
DFALX	233203868	DFA Large Cap International I	7,995.39	169,513.66	21.69	173,419.94	9.76%	3.42%
HEFA	46434V803	iShares Currency Hedged MSCI EAFE ETF	2,342.00	66,982.70	27.54	64,498.68	3.63%	1.27%
				$236,496.36		$237,918.62		4.69%
Foreign Large Growth Funds								
MGRDX	552746356	MFS International Growth R6	1,589.24	55,707.96	38.51	61,201.75	3.45%	1.21%
Diversified Emerging Markets								
HHHFX	41665X859	Hartford Schroders Emerging Mkts Eq F	5,205.67	80,787.26	16.91	88,027.83	4.96%	1.73%
				$80,787.26		$88,027.83		1.73%
TOTAL EQUITY				**$1,686,891.16**		**$1,776,011.40**		**35.00%**
ALTERNATIVES								
Market Neutral								
QMNIX	00191K799	AQR Equity Market Neutral I	2,512.85	24,477.37	7.85	19,725.88	1.11%	0.39%
BILPX	09250J734	BlackRock Event Driven Equity Instl	7,896.32	77,742.46	9.63	76,041.56	4.28%	1.50%
BSIKX	09260B374	BlackRock Strategic Income Opps K	4,196.19	41,094.13	10.07	42,255.62	2.38%	0.83%
				$143,313.96		$138,023.06		2.72%

HOLDINGS REPORT

El Toro Water District 401(k) - Income

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
Managed Futures								
AHLIX	024525669	American Beacon AHL Mgd Futs Strat R5	6,806.71	74,042.03	10.53	71,674.67	4.04%	1.41%
AMFNX	63873P825	AlphaSimplex Mgd Futs Strat N	7,502.75	72,947.00	9.89	74,202.21	4.18%	1.46%
				$146,989.03		$145,876.88		2.87%
Global Macro								
EGRSX	27830W108	Eaton Vance Glbl Macro Abs Ret Advtg R6	7,868.01	79,099.71	10.61	83,479.56	4.70%	1.65%
				$79,099.71		$83,479.56		1.65%
Fund of Hedge Funds								
BSTKX	09258N380	BlackRock Total Factor K	3,456.94	30,213.64	8.62	29,798.81	1.68%	0.59%
QSPIX	00203H420	AQR Style Premia Alternative I	3,959.77	36,388.62	6.59	26,094.86	1.47%	0.51%
				$66,602.26		$55,893.67		1.10%
REITs								
ICF	464287564	iShares Cohen & Steers REIT ETF	1,236.00	138,428.17	102.01	126,084.36	7.10%	2.48%
TOTAL ALTERNATIVES				**$574,433.13**		**$549,357.53**		**10.83%**
TOTAL - ALL ASSETS				**$4,900,644.23**		**$5,074,155.37**		**100.00%**

INVESTMENT PORTFOLIO SUMMARY - INCOME & GROWTH

El Toro Water District - 401(k) Plan

Data as of: 09/30/2020

Portfolio Manager:
Keith Stribling, CFA

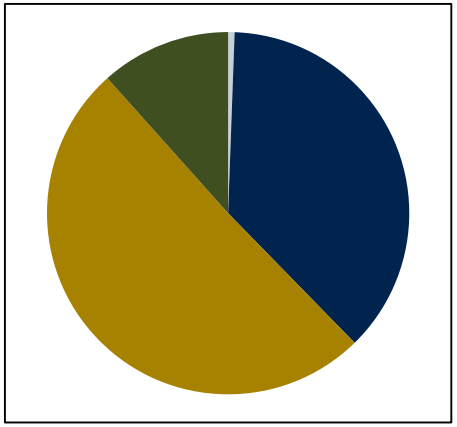
Account Snapshot

Asset Class	Market Value	Tax Cost	Est. Annual Income	Current Yield (%)
Cash & Equivalents	$40,502.86	$40,502.86	$107.33	0.27%
Fixed Income	$2,618,541.21	$2,530,422.00	$69,234.23	2.64%
Equities	$3,575,933.10	$3,124,085.02	$56,928.85	1.59%
Alternatives	$819,280.73	$886,405.25	$21,743.71	2.65%
Other	$0.00	$0.00	$0.00	0.00%
Total	**$7,054,257.90**	**$6,581,415.13**	**$148,014.13**	**2.10%**

Yields are gross of any fees and reflect the reinvestment of dividends and other income

Asset Allocation

- 0.6% Cash & Equivalents
- 37.1% Fixed Income
- 50.7% Equities
- 11.6% Alternatives
- 0.0% Other



Income Summary (1, 2)

Cash & Equivalents Income Earned YTD	$1,145
Taxable Fixed Income Income Earned YTD	$60,215
Tax-Exempt Fixed Income Income Earned YTD	$0
Equity Income Earned YTD	$24,901
Alternative Income Earned YTD	$3,244
Other Income Earned YTD	$0
Total	**$89,505**

Net Gain/Loss Summary (3)

	Realized	Unrealized
Net Short Term Gain/Loss	-$7,453	
Net Long Term Gain/Loss	-$16,851	
Total	**-$24,303**	**$472,843**

(1) As of 09/30/2020

(2) Information is calculated on a calendar year basis and includes income, dividends, and capital gain distributions

(3) Gain/Loss information is for informational purposes only.

HOLDINGS REPORT

El Toro Water District 401(k) - Income & Growth

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
CASH EQUIVALENTS								
MONEY MARKET FUNDS/CASH								
n.a.	n.a.	CASH	(6,821.7800)	($6,821.78)	1.00	($6,821.78)	-16.84%	-0.10%
FPZXX	n.a.	CASH FUND	47,324.64	$47,324.64	1.00	$47,324.64	116.84%	0.67%
TOTAL CASH				**$40,502.86**		**$40,502.86**		**0.57%**
FIXED INCOME								
Short-Term Bond Funds								
VFSUX	922031836	Vanguard Short-Term Investment-Grade Adm	4.00	215,610.26	10.98	222,948.80	8.51%	3.16%
Intermediate-Term Bond Funds								
DBLFX	258620301	DoubleLine Core Fixed Income I	51,627.64	563,522.58	11.23	579,778.40	22.14%	8.22%
DODIX	256210105	Dodge & Cox Income	41,272.52	570,266.23	14.66	605,055.10	23.11%	8.58%
PTRQX	74440B884	PGIM Total Return Bond R6	40,786.11	596,623.65	14.87	606,489.46	23.16%	8.60%
PTTRX	693390700	PIMCO Total Return Instl	55,285.40	584,399.28	10.93	604,269.45	23.08%	8.57%
				$2,314,811.74		$2,395,592.41		33.96%
TOTAL FIXED INCOME				**$2,530,422.00**		**$2,618,541.21**		**37.12%**
EQUITY								
Large Cap Blend Funds								
COFYX	19766M709	Columbia Contrarian Core Inst3	20,711.58	463,204.08	29.41	609,127.63	17.03%	8.63%
VGIAX	921913208	Vanguard Growth & Income Adm	6,913.92	497,930.13	88.4	611,190.88	17.09%	8.66%
				$961,134.21		$1,220,318.51		17.30%
Large Cap Value Funds								
DODGX	256219106	Dodge & Cox Stock	1,369.97	248,210.98	166.53	228,141.77	6.38%	3.23%
PKAIX	72202L462	PIMCO RAE US Instl	22,320.80	238,540.10	10.29	229,680.99	6.42%	3.26%
IVE	464287408	iShares S&P 500 Value ETF	306.00	39,229.26	112.45	34,409.70	0.96%	0.49%
				$525,980.34		$492,232.46		6.98%
Large Cap Growth Funds								
HNACX	411512528	Harbor Capital Appreciation Retirement	3,034.62	198,010.88	103.89	315,266.26	8.82%	4.47%
LSITX	52469H255	ClearBridge Large Cap Growth IS	3,751.31	173,280.25	65.9	247,211.53	6.91%	3.50%
				$371,291.13		$562,477.79		7.97%
Mid Cap Blend Funds								
VO	922908629	Vanguard Mid-Cap ETF	227.00	36,877.70	176.26	40,011.02	1.12%	0.57%

HOLDINGS REPORT

El Toro Water District 401(k) - Income & Growth

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
Small Cap Value Funds								
UBVFX	904504479	Undiscovered Managers Behavioral Val R6	1,959.39	124,411.55	45.37	88,897.30	2.49%	1.26%
Small Cap Blend Funds								
DCZRX	24610B826	Delaware Small Cap Core R6	4,663.55	108,999.53	21.13	98,540.79	2.76%	1.40%
VB	922908751	Vanguard Small-Cap ETF	567.00	85,011.72	153.8	87,204.60	2.44%	1.24%
				$194,011.25		$185,745.39		2.63%
Small Cap Growth Funds								
RSEJX	92647Q363	Victory RS Small Cap Growth R6	783.40	63,195.69	91.68	71,821.65	2.01%	1.02%
VBK	922908595	Vanguard Small-Cap Growth ETF	233.00	44,613.42	214.93	50,078.69	1.40%	0.71%
				$107,809.11		$121,900.34		1.73%
Foreign Large Value Funds								
DODFX	256206103	Dodge & Cox International Stock	2,561.39	103,986.45	35.7	91,441.44	2.56%	1.30%
Foreign Large Blend Funds								
DFALX	233203868	DFA Large Cap International I	19,297.38	406,853.72	21.69	418,560.15	11.70%	5.93%
HEFA	46434V803	iShares Currency Hedged MSCI EAFE ETF	2,897.00	74,191.07	27.54	79,783.38	2.23%	1.13%
				$481,044.79		$498,343.53		7.06%
Foreign Large Growth Funds								
MGRDX	552746356	MFS International Growth R6	2,750.43	80,921.91	38.51	105,919.10	2.96%	1.50%
Diversified Emerging Markets								
HHHFX	41665X859	Hartford Schroders Emerging Mkts Eq F	9,973.17	136,616.58	16.91	168,646.22	4.72%	2.39%
				$136,616.58		$168,646.22		2.39%
TOTAL EQUITY				**$3,124,085.02**		**$3,575,933.10**		**50.69%**
ALTERNATIVES								
Market Neutral								
QMNIX	00191K799	AQR Equity Market Neutral I	4,325.58	46,987.67	7.85	33,955.82	0.95%	0.48%
BILPX	09250J734	BlackRock Event Driven Equity Instl	11,346.29	112,796.82	9.63	109,264.76	3.06%	1.55%
BSIKX	09260B374	BlackRock Strategic Income Opps K	7,197.57	70,651.56	10.07	72,479.51	2.03%	1.03%
				$230,436.05		$215,700.09		3.06%

HOLDINGS REPORT

El Toro Water District 401(k) - Income & Growth

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
Managed Futures								
AHLIX	024525669	American Beacon AHL Mgd Futs Strat R5	8,699.62	95,523.07	10.53	91,606.99	2.56%	1.30%
AMFNX	63873P825	AlphaSimplex Mgd Futs Strat N	9,583.41	100,898.06	9.89	94,779.88	2.65%	1.34%
				$196,421.13		$186,386.87		2.64%
Global Macro								
EGRSX	27830W108	Eaton Vance Glbl Macro Abs Ret Advtg R6	14,069.37	141,612.78	10.61	149,276.02	4.17%	2.12%
				$141,612.78		$149,276.02		2.12%
Fund of Hedge Funds								
BSTKX	09258N380	BlackRock Total Factor K	5,139.00	44,914.85	8.62	44,298.17	1.24%	0.63%
QSPIX	00203H420	AQR Style Premia Alternative I	9,986.36	99,840.71	6.59	65,810.11	1.84%	0.93%
				$144,755.56		$110,108.28		1.56%
REITs								
ICF	464287564	iShares Cohen & Steers REIT ETF	1,547.00	173,179.73	102.01	157,809.47	4.41%	2.24%
TOTAL ALTERNATIVES				**$886,405.25**		**$819,280.73**		**11.61%**
TOTAL - ALL ASSETS				**$6,581,415.13**		**$7,054,257.90**		**100.00%**

INVESTMENT PORTFOLIO SUMMARY - BALANCED INCOME

El Toro Water District - 401(k) Plan

Data as of: 09/30/2020

Portfolio Manager:
Keith Stribling, CFA

Account Snapshot

Asset Class	Market Value	Tax Cost	Est. Annual Income	Current Yield (%)
Cash & Equivalents	$135,211.97	$135,211.97	$358.31	0.27%
Fixed Income	$1,459,917.96	$1,378,750.13	$38,600.23	2.64%
Equities	$2,946,332.78	$2,848,173.21	$46,905.62	1.59%
Alternatives	$520,926.70	$548,866.74	$13,825.39	2.65%
Other	$0.00	$0.00	$0.00	0.00%
Total	**$5,062,389.41**	**$4,911,002.05**	**$99,689.56**	**1.97%**

Yields are gross of any fees and reflect the reinvestment of dividends and other income

Asset Allocation

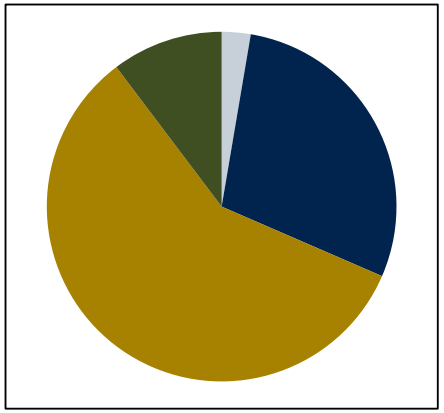
2.7% Cash & Equivalents

28.8% Fixed Income

58.2% Equities

10.3% Alternatives

0.0% Other



Income Summary (1, 2)

Cash & Equivalents Income Earned YTD	$944
Taxable Fixed Income Income Earned YTD	$31,474
Tax-Exempt Fixed Income Income Earned YTD	$0
Equity Income Earned YTD	$19,742
Alternative Income Earned YTD	$1,985
Other Income Earned YTD	$0
Total	**$54,145**

Net Gain/Loss Summary (3)

	Realized	Unrealized
Net Short Term Gain/Loss	-$4,047	
Net Long Term Gain/Loss	-$11,865	
Total	**-$15,912**	**$151,387**

(1) As of 09/30/2020

(2) Information is calculated on a calendar year basis and includes income, dividends, and capital gain distributions

(3) Gain/Loss information is for informational purposes only.

HOLDINGS REPORT

El Toro Water District 401(k) - Balanced Income

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
CASH EQUIVALENTS								
MONEY MARKET FUNDS/CASH								
n.a.	n.a.	CASH	(4,180.9800)	($4,180.98)	1.00	($4,180.98)	-3.09%	-0.08%
FPZXX	n.a.	CASH FUND	139,392.95	$139,392.95	1.00	$139,392.95	103.09%	2.75%
TOTAL CASH				**$135,211.97**		**$135,211.97**		**2.67%**
FIXED INCOME								
Ultra Short-Term Bond Funds								
VUSFX	922031711	Vanguard Ultra-Short-Term Bond Admiral	5,110.51	103,027.73	20.14	102,925.57	7.05%	2.03%
Short-Term Bond Funds								
VFSUX	922031836	Vanguard Short-Term Investment-Grade Adm	15,540.93	164,339.48	10.98	170,639.38	11.69%	3.37%
Intermediate-Term Bond Funds								
DBLFX	258620301	DoubleLine Core Fixed Income I	25,495.26	273,786.74	11.23	286,311.71	19.61%	5.66%
DODIX	256210105	Dodge & Cox Income	20,348.16	274,963.42	14.66	298,303.97	20.43%	5.89%
PTRQX	74440B884	PGIM Total Return Bond R6	20,306.32	287,515.28	14.87	301,954.93	20.68%	5.96%
PTTRX	693390700	PIMCO Total Return Instl	27,427.48	275,117.48	10.93	299,782.40	20.53%	5.92%
				$1,111,382.92		$1,186,353.01		23.43%
TOTAL FIXED INCOME				**$1,378,750.13**		**$1,459,917.96**		**28.84%**
EQUITY								
Large Cap Blend Funds								
COFYX	19766M709	Columbia Contrarian Core Inst3	16,031.84	431,036.74	29.41	471,496.47	16.00%	9.31%
VGIAX	921913208	Vanguard Growth & Income Adm	5,134.11	417,814.08	88.4	453,855.15	15.40%	8.97%
				$848,850.82		$925,351.62		18.28%
Large Cap Value Funds								
DODGX	256219106	Dodge & Cox Stock	1,185.67	235,905.35	166.53	197,450.29	6.70%	3.90%
PKAIX	72202L462	PIMCO RAE US Instl	19,323.38	220,673.54	10.29	198,837.56	6.75%	3.93%
IVE	464287408	iShares S&P 500 Value ETF	435.00	55,830.57	112.45	48,915.75	1.66%	0.97%
				$512,409.46		$445,203.60		8.79%

HOLDINGS REPORT

El Toro Water District 401(k) - Balanced Income

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
Large Cap Growth Funds								
HNACX	411512528	Harbor Capital Appreciation Retirement	2,558.21	192,699.13	103.89	265,772.64	9.02%	5.25%
LSITX	52469H255	ClearBridge Large Cap Growth IS	3,176.87	162,508.21	65.9	209,355.67	7.11%	4.14%
				$355,207.34		$475,128.31		9.39%
Mid Cap Blend Funds								
VO	922908629	Vanguard Mid-Cap ETF	265.00	43,064.28	176.26	46,708.90	1.59%	0.92%
Small Cap Value Funds								
UBVFX	904504479	Undiscovered Managers Behavioral Val R6	1,965.65	134,615.71	45.37	89,181.68	3.03%	1.76%
Small Cap Blend Funds								
DCZRX	24610B826	Delaware Small Cap Core R6	2,677.96	65,561.16	21.13	56,585.36	1.92%	1.12%
VB	922908751	Vanguard Small-Cap ETF	488.00	70,824.74	153.8	75,054.40	2.55%	1.48%
				$136,385.90		$131,639.76		2.60%
Small Cap Growth Funds								
RSEJX	92647Q363	Victory RS Small Cap Growth R6	533.32	42,914.33	91.68	48,894.59	1.66%	0.97%
VBK	922908595	Vanguard Small-Cap Growth ETF	202.00	38,677.74	214.93	43,415.86	1.47%	0.86%
				$81,592.07		$92,310.45		1.82%
Foreign Large Value Funds								
DODFX	256206103	Dodge & Cox International Stock	2,362.55	101,466.35	35.7	84,343.18	2.86%	1.67%
Foreign Large Blend Funds								
DFALX	233203868	DFA Large Cap International I	15,310.94	323,395.36	21.69	332,094.27	11.27%	6.56%
HEFA	46434V803	iShares Currency Hedged MSCI EAFE ETF	3,022.00	89,440.99	27.54	83,225.88	2.82%	1.64%
				$412,836.35		$415,320.15		8.20%
Foreign Large Growth Funds								
MGRDX	552746356	MFS International Growth R6	2,573.86	90,865.81	38.51	99,119.27	3.36%	1.96%
Diversified Emerging Markets								
HHHFX	41665X859	Hartford Schroders Emerging Mkts Eq F	8,398.93	130,879.12	16.91	142,025.86	4.82%	2.81%
				$130,879.12		$142,025.86		2.81%
TOTAL EQUITY				**$2,848,173.21**		**$2,946,332.78**		**58.20%**

HOLDINGS REPORT

El Toro Water District 401(k) - Balanced Income

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
ALTERNATIVES								
Market Neutral								
QMNIX	00191K799	AQR Equity Market Neutral I	3,039.91	32,391.87	7.85	23,863.29	0.81%	0.47%
BILPX	09250J734	BlackRock Event Driven Equity Instl	6,198.65	61,361.90	9.63	59,692.99	2.03%	1.18%
BSIKX	09260B374	BlackRock Strategic Income Opps K	5,053.03	49,134.72	10.07	50,884.05	1.73%	1.01%
				$142,888.49		$134,440.33		2.66%
Managed Futures								
AHLIX	024525669	American Beacon AHL Mgd Futs Strat R5	6,109.90	67,237.94	10.53	64,337.19	2.18%	1.27%
AMFNX	63873P825	AlphaSimplex Mgd Futs Strat N	6,731.76	65,494.32	9.89	66,577.11	2.26%	1.32%
				$132,732.26		$130,914.30		2.59%
Global Macro								
EGRSX	27830W108	Eaton Vance Glbl Macro Abs Ret Advtg R6	9,476.14	95,189.61	10.61	100,541.85	3.41%	1.99%
				$95,189.61		$100,541.85		1.99%
Fund of Hedge Funds								
BSTKX	09258N380	BlackRock Total Factor K	3,331.03	29,113.21	8.62	28,713.49	0.97%	0.57%
QSPIX	00203H420	AQR Style Premia Alternative I	5,158.98	48,713.88	6.59	33,997.68	1.15%	0.67%
				$77,827.09		$62,711.17		1.24%
REITs								
ICF	464287564	iShares Cohen & Steers REIT ETF	905.00	100,229.29	102.01	92,319.05	3.13%	1.82%
TOTAL ALTERNATIVES				**$548,866.74**		**$520,926.70**		**10.29%**
TOTAL - ALL ASSETS				**$4,911,002.05**		**$5,062,389.41**		**100.00%**

INVESTMENT PORTFOLIO SUMMARY - BALANCED

El Toro Water District - 401(k) Plan

Data as of: 09/30/2020

Portfolio Manager:
Keith Stribling, CFA

Account Snapshot

Asset Class	Market Value	Tax Cost	Est. Annual Income	Current Yield (%)
Cash & Equivalents	$22,030.89	$22,030.89	$58.38	0.27%
Fixed Income	$133,956.09	$129,429.31	$3,541.80	2.64%
Equities	$424,023.78	$372,403.91	$6,750.46	1.59%
Alternatives	$50,504.69	$54,273.04	$1,340.39	2.65%
Other	$0.00	$0.00	$0.00	0.00%
Total	**$630,515.45**	**$578,137.15**	**$11,691.03**	**1.85%**

Yields are gross of any fees and reflect the reinvestment of dividends and other income

Asset Allocation

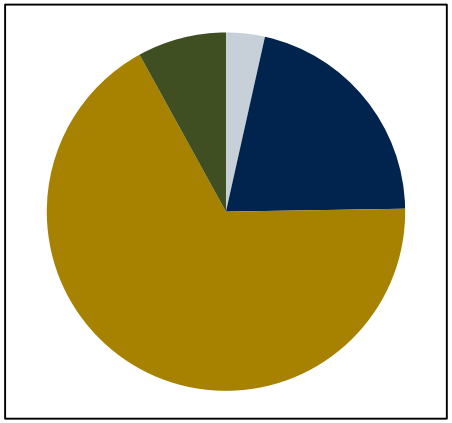
3.5% Cash & Equivalents

21.2% Fixed Income

67.3% Equities

8.0% Alternatives

0.0% Other



Income Summary (1, 2)

Cash & Equivalents Income Earned YTD	$285
Taxable Fixed Income Income Earned YTD	$5,197
Tax-Exempt Fixed Income Income Earned YTD	$0
Equity Income Earned YTD	$5,071
Alternative Income Earned YTD	$417
Other Income Earned YTD	$0
Total	**$10,969**

Net Gain/Loss Summary (3)

	Realized	Unrealized
Net Short Term Gain/Loss	-$3,478	
Net Long Term Gain/Loss	$36,814	
Total	**$33,336**	**$52,378**

(1) As of 09/30/2020

(2) Information is calculated on a calendar year basis and includes income, dividends, and capital gain distributions

(3) Gain/Loss information is for informational purposes only.

HOLDINGS REPORT

El Toro Water District 401(k) - Balanced

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
CASH EQUIVALENTS								
MONEY MARKET FUNDS/CASH								
n.a.	n.a.	CASH	(472.6100)	($472.61)	1.00	($472.61)	-2.15%	-0.07%
FPZXX	n.a.	CASH FUND	22,503.50	$22,503.50	1.00	$22,503.50	102.15%	3.57%
TOTAL CASH				**$22,030.89**		**$22,030.89**		**3.49%**
FIXED INCOME								
Ultra Short-Term Bond Funds								
VUSFX	922031711	Vanguard Ultra-Short-Term Bond Admiral	630.29	12,706.69	20.14	12,694.10	9.48%	2.01%
Short-Term Bond Funds								
VFSUX	922031836	Vanguard Short-Term Investment-Grade Adm	1,357.69	14,363.53	10.98	14,907.44	11.13%	2.36%
Intermediate-Term Bond Funds								
DBLFX	258620301	DoubleLine Core Fixed Income I	2,301.10	25,062.76	11.23	25,841.32	19.29%	4.10%
DODIX	256210105	Dodge & Cox Income	1,832.54	25,236.62	14.66	26,865.05	20.06%	4.26%
PTRQX	74440B884	PGIM Total Return Bond R6	1,797.86	26,229.57	14.87	26,734.15	19.96%	4.24%
PTTRX	693390700	PIMCO Total Return Instl	2,462.40	25,830.14	10.93	26,914.03	20.09%	4.27%
				$102,359.09		$106,354.55		16.87%
TOTAL FIXED INCOME				**$129,429.31**		**$133,956.09**		**21.25%**
EQUITY								
Large Cap Blend Funds								
COFYX	19766M709	Columbia Contrarian Core Inst3	2,315.88	51,315.11	29.41	68,109.97	16.06%	10.80%
VGIAX	921913208	Vanguard Growth & Income Adm	737.53	53,308.83	88.4	65,197.48	15.38%	10.34%
				$104,623.94		$133,307.45		21.14%
Large Cap Value Funds								
DODGX	256219106	Dodge & Cox Stock	170.22	30,959.07	166.53	28,346.40	6.69%	4.50%
PKAIX	72202L462	PIMCO RAE US Instl	2,762.20	29,344.85	10.29	28,423.07	6.70%	4.51%
IVE	464287408	iShares S&P 500 Value ETF	71.00	9,107.16	112.45	7,983.95	1.88%	1.27%
				$69,411.08		$64,753.42		10.27%

HOLDINGS REPORT

El Toro Water District 401(k) - Balanced

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
Large Cap Growth Funds								
HNACX	411512528	Harbor Capital Appreciation Retirement	359.21	23,638.92	103.89	37,317.81	8.80%	5.92%
LSITX	52469H255	ClearBridge Large Cap Growth IS	484.94	22,491.70	65.9	31,957.61	7.54%	5.07%
				$46,130.62		$69,275.42		10.99%
Mid Cap Blend Funds								
VO	922908629	Vanguard Mid-Cap ETF	30.00	4,813.71	176.26	5,287.80	1.25%	0.84%
Small Cap Value Funds								
UBVFX	904504479	Undiscovered Managers Behavioral Val R6	277.17	17,442.25	45.37	12,574.98	2.97%	1.99%
Small Cap Blend Funds								
DCZRX	24610B826	Delaware Small Cap Core R6	412.67	9,669.50	21.13	8,719.67	2.06%	1.38%
VB	922908751	Vanguard Small-Cap ETF	55.00	7,973.86	153.8	8,459.00	1.99%	1.34%
				$17,643.36		$17,178.67		2.72%
Small Cap Growth Funds								
RSEJX	92647Q363	Victory RS Small Cap Growth R6	89.57	7,213.25	91.68	8,211.96	1.94%	1.30%
VBK	922908595	Vanguard Small-Cap Growth ETF	35.00	6,701.59	214.93	7,522.55	1.77%	1.19%
				$13,914.84		$15,734.51		2.50%
Foreign Large Value Funds								
DODFX	256206103	Dodge & Cox International Stock	360.28	14,558.98	35.7	12,862.00	3.03%	2.04%
Foreign Large Blend Funds								
DFALX	233203868	DFA Large Cap International I	2,202.92	45,855.91	21.69	47,781.25	11.27%	7.58%
HEFA	46434V803	iShares Currency Hedged MSCI EAFE ETF	400.00	10,337.33	27.54	11,016.00	2.60%	1.75%
				$56,193.24		$58,797.25		9.33%
Foreign Large Growth Funds								
MGRDX	552746356	MFS International Growth R6	354.55	10,547.63	38.51	13,653.68	3.22%	2.17%
Diversified Emerging Markets								
HHHFX	41665X859	Hartford Schroders Emerging Mkts Eq F	1,218.13	17,124.26	16.91	20,598.60	4.86%	3.27%
				$17,124.26		$20,598.60		3.27%
TOTAL EQUITY				**$372,403.91**		**$424,023.78**		**67.25%**

HOLDINGS REPORT

El Toro Water District 401(k) - Balanced

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
ALTERNATIVES								
Market Neutral								
QMNIX	00191K799	AQR Equity Market Neutral I	219.35	2,461.43	7.85	1,721.90	0.41%	0.27%
BILPX	09250J734	BlackRock Event Driven Equity Instl	635.83	6,321.21	9.63	6,122.99	1.44%	0.97%
BSIKX	09260B374	BlackRock Strategic Income Opps K	622.03	6,077.13	10.07	6,263.81	1.48%	0.99%
				$14,859.77		$14,108.70		2.24%
Managed Futures								
AHLIX	024525669	American Beacon AHL Mgd Futs Strat R5	506.63	5,583.06	10.53	5,334.81	1.26%	0.85%
AMFNX	63873P825	AlphaSimplex Mgd Futs Strat N	579.49	6,121.66	9.89	5,731.11	1.35%	0.91%
				$11,704.72		$11,065.92		1.76%
Global Macro								
EGRSX	27830W108	Eaton Vance Glbl Macro Abs Ret Advtg R6	853.04	8,482.01	10.61	9,050.77	2.13%	1.44%
				$8,482.01		$9,050.77		1.44%
Fund of Hedge Funds								
BSTKX	09258N380	BlackRock Total Factor K	307.88	2,690.89	8.62	2,653.94	0.63%	0.42%
QSPIX	00203H420	AQR Style Premia Alternative I	627.99	6,148.16	6.59	4,138.43	0.98%	0.66%
				$8,839.05		$6,792.37		1.08%
REITs								
ICF	464287564	iShares Cohen & Steers REIT ETF	93.00	10,387.49	102.01	9,486.93	2.24%	1.50%
TOTAL ALTERNATIVES				**$54,273.04**		**$50,504.69**		**8.01%**
TOTAL - ALL ASSETS				**$578,137.15**		**$630,515.45**		**100.00%**

INVESTMENT PORTFOLIO SUMMARY - CAPITAL APPRECIATION

El Toro Water District - 401(k) Plan

Data as of: 09/30/2020

Portfolio Manager:
Keith Stribling, CFA

Account Snapshot

Asset Class	Market Value	Tax Cost	Est. Annual Income	Current Yield (%)
Cash & Equivalents	$27,627.75	$27,627.75	$73.21	0.27%
Fixed Income	$88,622.20	$85,050.81	$2,343.17	2.64%
Equities	$541,500.73	$516,324.64	$8,620.69	1.59%
Alternatives	$37,354.18	$39,149.51	$991.38	2.65%
Other	$0.00	$0.00	$0.00	0.00%
Total	**$695,104.86**	**$668,152.71**	**$12,028.46**	**1.73%**

Yields are gross of any fees and reflect the reinvestment of dividends and other income

Asset Allocation

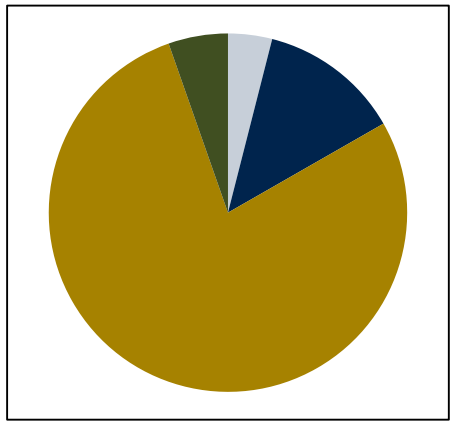
4.0% Cash & Equivalents

12.7% Fixed Income

77.9% Equities

5.4% Alternatives

0.0% Other



Income Summary (1, 2)

Cash & Equivalents Income Earned YTD	$121
Taxable Fixed Income Income Earned YTD	$1,367
Tax-Exempt Fixed Income Income Earned YTD	$0
Equity Income Earned YTD	$2,789
Alternative Income Earned YTD	$148
Other Income Earned YTD	$0
Total	**$4,425**

Net Gain/Loss Summary (3)

	Realized	Unrealized
Net Short Term Gain/Loss	-$1,316	
Net Long Term Gain/Loss	-$2,956	
Total	**-$4,272**	**$26,952**

(1) As of 09/30/2020

(2) Information is calculated on a calendar year basis and includes income, dividends, and capital gain distributions

(3) Gain/Loss information is for informational purposes only.

HOLDINGS REPORT

El Toro Water District 401(k) - Capital Appreciation

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
CASH EQUIVALENTS								
MONEY MARKET FUNDS/CASH								
n.a.	n.a.	CASH	(457.5700)	($457.57)	1.00	($457.57)	-1.66%	-0.07%
FPZXX	n.a.	CASH FUND	28,085.32	$28,085.32	1.00	$28,085.32	101.66%	4.04%
TOTAL CASH				**$27,627.75**		**$27,627.75**		**3.97%**
FIXED INCOME								
Ultra Short-Term Bond Funds								
VUSFX	922031711	Vanguard Ultra-Short-Term Bond Admiral	702.78	14,167.96	20.14	14,153.91	15.97%	2.04%
Short-Term Bond Funds								
VFSUX	922031836	Vanguard Short-Term Investment-Grade Adm	1,291.26	13,961.27	10.98	14,178.05	16.00%	2.04%
Intermediate-Term Bond Funds								
DBLFX	258620301	DoubleLine Core Fixed Income I	1,298.44	13,986.83	11.23	14,581.47	16.45%	2.10%
DODIX	256210105	Dodge & Cox Income	1,038.74	14,208.16	14.66	15,227.87	17.18%	2.19%
PTRQX	74440B884	PGIM Total Return Bond R6	1,028.16	14,598.43	14.87	15,288.69	17.25%	2.20%
PTTRX	693390700	PIMCO Total Return Instl	1,389.96	14,128.16	10.93	15,192.21	17.14%	2.19%
				$56,921.58		$60,290.24		8.67%
TOTAL FIXED INCOME				**$85,050.81**		**$88,622.20**		**12.75%**
EQUITY								
Large Cap Blend Funds								
COFYX	19766M709	Columbia Contrarian Core Inst3	2,944.00	78,722.93	29.41	86,583.10	15.99%	12.46%
VGIAX	921913208	Vanguard Growth & Income Adm	937.57	75,900.35	88.4	82,881.28	15.31%	11.92%
				$154,623.28		$169,464.38		24.38%
Large Cap Value Funds								
DODGX	256219106	Dodge & Cox Stock	215.84	40,616.40	166.53	35,944.33	6.64%	5.17%
PKAIX	72202L462	PIMCO RAE US Instl	3,563.01	38,898.53	10.29	36,663.39	6.77%	5.27%
IVE	464287408	iShares S&P 500 Value ETF	93.00	11,455.95	112.45	10,457.85	1.93%	1.50%
				$90,970.88		$83,065.57		11.95%

HOLDINGS REPORT

El Toro Water District 401(k) - Capital Appreciation

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
Large Cap Growth Funds								
HNACX	411512528	Harbor Capital Appreciation Retirement	475.15	36,936.04	103.89	49,363.23	9.12%	7.10%
LSITX	52469H255	ClearBridge Large Cap Growth IS	587.57	30,639.72	65.9	38,721.06	7.15%	5.57%
				$67,575.76		$88,084.29		12.67%
Mid Cap Blend Funds								
VO	922908629	Vanguard Mid-Cap ETF	35.00	5,934.52	176.26	6,169.10	1.14%	0.89%
Small Cap Value Funds								
UBVFX	904504479	Undiscovered Managers Behavioral Val R6	392.88	23,545.01	45.37	17,825.10	3.29%	2.56%
Small Cap Blend Funds								
DCZRX	24610B826	Delaware Small Cap Core R6	513.59	12,092.90	21.13	10,852.14	2.00%	1.56%
VB	922908751	Vanguard Small-Cap ETF	78.00	11,499.03	153.8	11,996.40	2.22%	1.73%
				$23,591.93		$22,848.54		3.29%
Small Cap Growth Funds								
RSEJX	92647Q363	Victory RS Small Cap Growth R6	120.51	9,788.11	91.68	11,048.63	2.04%	1.59%
VBK	922908595	Vanguard Small-Cap Growth ETF	35.00	6,701.58	214.93	7,522.55	1.39%	1.08%
				$16,489.69		$18,571.18		2.67%
Foreign Large Value Funds								
DODFX	256206103	Dodge & Cox International Stock	441.21	17,950.23	35.7	15,751.23	2.91%	2.27%
Foreign Large Blend Funds								
DFALX	233203868	DFA Large Cap International I	2,807.30	59,282.80	21.69	60,890.25	11.24%	8.76%
HEFA	46434V803	iShares Currency Hedged MSCI EAFE ETF	547.00	15,856.83	27.54	15,064.38	2.78%	2.17%
				$75,139.63		$75,954.63		10.93%
Foreign Large Growth Funds								
MGRDX	552746356	MFS International Growth R6	460.24	16,236.16	38.51	17,723.65	3.27%	2.55%
Diversified Emerging Markets								
HHHFX	41665X859	Hartford Schroders Emerging Mkts Eq F	1,540.10	24,267.55	16.91	26,043.06	4.81%	3.75%
				$24,267.55		$26,043.06		3.75%
TOTAL EQUITY				**$516,324.64**		**$541,500.73**		**77.90%**

HOLDINGS REPORT

El Toro Water District 401(k) - Capital Appreciation

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
ALTERNATIVES								
Market Neutral								
QMNIX	00191K799	AQR Equity Market Neutral I	177.66	1,884.29	7.85	1,394.65	0.26%	0.20%
BILPX	09250J734	BlackRock Event Driven Equity Instl	627.32	6,170.33	9.63	6,041.08	1.12%	0.87%
BSIKX	09260B374	BlackRock Strategic Income Opps K	447.32	4,342.66	10.07	4,504.51	0.83%	0.65%
				$12,397.28		$11,940.24		1.72%
Managed Futures								
AHLIX	024525669	American Beacon AHL Mgd Futs Strat R5	332.19	3,660.71	10.53	3,497.94	0.65%	0.50%
AMFNX	63873P825	AlphaSimplex Mgd Futs Strat N	380.52	3,702.22	9.89	3,763.30	0.69%	0.54%
				$7,362.93		$7,261.24		1.04%
Global Macro								
EGRSX	27830W108	Eaton Vance Glbl Macro Abs Ret Advtg R6	647.05	6,472.70	10.61	6,865.24	1.27%	0.99%
				$6,472.70		$6,865.24		0.99%
Fund of Hedge Funds								
BSTKX	09258N380	BlackRock Total Factor K	170.66	1,491.60	8.62	1,471.12	0.27%	0.21%
QSPIX	00203H420	AQR Style Premia Alternative I	359.58	3,358.65	6.59	2,369.61	0.44%	0.34%
				$4,850.25		$3,840.73		0.55%
REITs								
ICF	464287564	iShares Cohen & Steers REIT ETF	73.00	8,066.35	102.01	7,446.73	1.38%	1.07%
TOTAL ALTERNATIVES				**$39,149.51**		**$37,354.18**		**5.37%**
TOTAL - ALL ASSETS				**$668,152.71**		**$695,104.86**		**100.00%**

INVESTMENT PORTFOLIO SUMMARY - GROWTH

El Toro Water District - 401(k) Plan

09/30/2020

Portfolio Manager:
Keith Stribling, CFA

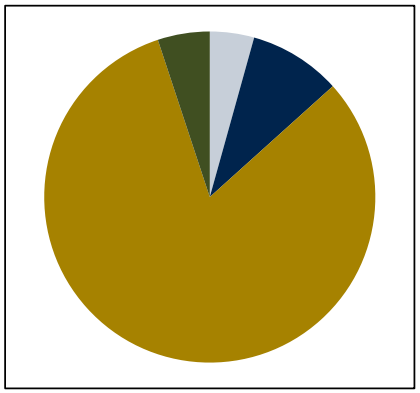
Account Snapshot

Asset Class	Market Value	Tax Cost	Est. Annual Income	Current Yield (%)
Cash & Equivalents	$76,473.09	$76,473.09	$202.65	0.27%
Fixed Income	$159,463.66	$154,530.78	$4,216.22	2.64%
Equities	$1,443,968.59	$1,307,144.21	$22,987.98	1.59%
Alternatives	$89,866.20	$95,617.55	$2,385.05	2.65%
Other	$0.00	$0.00	$0.00	0.00%
Total	**$1,769,771.54**	**$1,633,765.63**	**$29,791.90**	**1.68%**

Yields are gross of any fees and reflect the reinvestment of dividends and other income

Asset Allocation

4.3% Cash & Equivalents
9.0% Fixed Income
81.6% Equities
5.1% Alternatives
0.0% Other



Income Summary (1, 2)

Cash & Equivalents Income Earned YTD	$417
Taxable Fixed Income Income Earned YTD	$3,073
Tax-Exempt Fixed Income Income Earned YTD	$0
Equity Income Earned YTD	$9,551
Alternative Income Earned YTD	$388
Other Income Earned YTD	$0
Total	**$13,429**

Net Gain/Loss Summary (3)

	Realized	Unrealized
Net Short Term Gain/Loss	$21,515	
Net Long Term Gain/Loss	$124,926	
Total	**$146,441**	**$136,006**

(1) As of 09/30/2020

(2) Information is calculated on a calendar year basis and includes income, dividends, and capital gain distributions

(3) Gain/Loss information is for informational purposes only.

HOLDINGS REPORT

El Toro Water District 401(k) - Growth

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
CASH EQUIVALENTS								
MONEY MARKET FUNDS/CASH								
n.a.	n.a.	CASH	(1,111.9200)	($1,111.92)	1.00	($1,111.92)	-1.45%	-0.06%
FPZXX	n.a.	CASH FUND	77,585.01	$77,585.01	1.00	$77,585.01	101.45%	4.38%
TOTAL CASH				**$76,473.09**		**$76,473.09**		**4.32%**
FIXED INCOME								
Ultra Short-Term Bond Funds								
VUSFX	922031711	Vanguard Ultra-Short-Term Bond Admiral	885.45	17,850.60	20.14	17,832.90	11.18%	1.01%
Short-Term Bond Funds								
VFSUX	922031836	Vanguard Short-Term Investment-Grade Adm	2,441.07	26,394.75	10.98	26,802.98	16.81%	1.51%
Intermediate-Term Bond Funds								
DBLFX	258620301	DoubleLine Core Fixed Income I	2,472.95	26,882.82	11.23	27,771.24	17.42%	1.57%
DODIX	256210105	Dodge & Cox Income	1,976.52	27,208.63	14.66	28,975.74	18.17%	1.64%
PTRQX	74440B884	PGIM Total Return Bond R6	1,959.34	28,543.97	14.87	29,135.36	18.27%	1.65%
PTTRX	693390700	PIMCO Total Return Instl	2,648.26	27,650.01	10.93	28,945.44	18.15%	1.64%
				$110,285.43		$114,827.78		6.49%
TOTAL FIXED INCOME				**$154,530.78**		**$159,463.66**		**9.01%**
EQUITY								
Large Cap Blend Funds								
COFYX	19766M709	Columbia Contrarian Core Inst3	7,460.36	174,180.67	29.41	219,409.13	15.19%	12.40%
VGIAX	921913208	Vanguard Growth & Income Adm	2,479.22	183,315.97	88.4	219,162.96	15.18%	12.38%
				$357,496.64		$438,572.09		24.78%
Large Cap Value Funds								
DODGX	256219106	Dodge & Cox Stock	593.02	109,031.12	166.53	98,755.79	6.84%	5.58%
PKAIX	72202L462	PIMCO RAE US Instl	9,665.27	103,977.50	10.29	99,455.63	6.89%	5.62%
IVE	464287408	iShares S&P 500 Value ETF	276.00	35,156.60	112.45	31,036.20	2.15%	1.75%
				$248,165.22		$229,247.62		12.95%

HOLDINGS REPORT

El Toro Water District 401(k) - Growth

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
Large Cap Growth Funds								
HNACX	411512528	Harbor Capital Appreciation Retirement	1,229.24	84,629.03	103.89	127,705.64	8.84%	7.22%
LSITX	52469H255	ClearBridge Large Cap Growth IS	1,640.67	78,457.03	65.9	108,119.96	7.49%	6.11%
				$163,086.06		$235,825.60		13.33%
Mid Cap Blend Funds								
VO	922908629	Vanguard Mid-Cap ETF	102.00	16,276.99	176.26	17,978.52	1.25%	1.02%
Small Cap Value Funds								
UBVFX	904504479	Undiscovered Managers Behavioral Val R6	1,061.42	66,720.47	45.37	48,156.67	3.34%	2.72%
Small Cap Blend Funds								
DCZRX	24610B826	Delaware Small Cap Core R6	1,426.96	33,512.96	21.13	30,151.56	2.09%	1.70%
VB	922908751	Vanguard Small-Cap ETF	200.00	29,628.65	153.8	30,760.00	2.13%	1.74%
				$63,141.61		$60,911.56		3.44%
Small Cap Growth Funds								
RSEJX	92647Q363	Victory RS Small Cap Growth R6	287.18	23,129.05	91.68	26,328.85	1.82%	1.49%
VBK	922908595	Vanguard Small-Cap Growth ETF	120.00	22,976.87	214.93	25,791.60	1.79%	1.46%
				$46,105.92		$52,120.45		2.95%
Foreign Large Value Funds								
DODFX	256206103	Dodge & Cox International Stock	1,212.04	49,850.28	35.7	43,269.65	3.00%	2.44%
Foreign Large Blend Funds								
DFALX	233203868	DFA Large Cap International I	7,421.37	158,756.37	21.69	160,969.43	11.15%	9.10%
HEFA	46434V803	iShares Currency Hedged MSCI EAFE ETF	1,393.00	36,807.24	27.54	38,363.22	2.66%	2.17%
				$195,563.61		$199,332.65		11.26%
Foreign Large Growth Funds								
MGRDX	552746356	MFS International Growth R6	1,262.29	40,051.99	38.51	48,610.79	3.37%	2.75%
Diversified Emerging Markets								
HHHFX	41665X859	Hartford Schroders Emerging Mkts Eq F	4,136.19	60,685.42	16.91	69,942.99	4.84%	3.95%
				$60,685.42		$69,942.99		3.95%
TOTAL EQUITY				**$1,307,144.21**		**$1,443,968.59**		**81.59%**

HOLDINGS REPORT

El Toro Water District 401(k) - Growth

As of Third Quarter 2020

TICKER	CUSIP	ASSET NAME	SHARES/UNITS	COST BASIS	PRICE	MARKET VALUE (MV)	MV AS % OF ASSET TYPE	MV AS % OF TOTAL
ALTERNATIVES								
Market Neutral								
QMNIX	00191K799	AQR Equity Market Neutral I	398.89	4,405.14	7.85	3,131.25	0.22%	0.18%
BILPX	09250J734	BlackRock Event Driven Equity Instl	1,711.09	16,830.70	9.63	16,477.84	1.14%	0.93%
BSIKX	09260B374	BlackRock Strategic Income Opps K	1,043.63	10,188.02	10.07	10,509.33	0.73%	0.59%
				$31,423.86		$30,118.42		1.70%
Managed Futures								
AHLIX	024525669	American Beacon AHL Mgd Futs Strat R5	666.14	7,340.82	10.53	7,014.41	0.49%	0.40%
AMFNX	63873P825	AlphaSimplex Mgd Futs Strat N	1,084.12	11,192.80	9.89	10,721.90	0.74%	0.61%
				$18,533.62		$17,736.31		1.00%
Global Macro								
EGRSX	27830W108	Eaton Vance Glbl Macro Abs Ret Advtg R6	1,494.42	14,823.90	10.61	15,855.81	1.10%	0.90%
				$14,823.90		$15,855.81		0.90%
Fund of Hedge Funds								
BSTKX	09258N380	BlackRock Total Factor K	460.31	4,023.12	8.62	3,967.88	0.27%	0.22%
QSPIX	00203H420	AQR Style Premia Alternative I	781.81	7,792.04	6.59	5,152.11	0.36%	0.29%
				$11,815.16		$9,119.99		0.52%
REITs								
ICF	464287564	iShares Cohen & Steers REIT ETF	167.00	19,021.01	102.01	17,035.67	1.18%	0.96%
TOTAL ALTERNATIVES				**$95,617.55**		**$89,866.20**		**5.08%**
TOTAL - ALL ASSETS				**$1,633,765.63**		**$1,769,771.54**		**100.00%**

DISCLOSURES

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STAFF REPORT

TO: BOARD OF DIRECTORS **MEETING DATE: November 23, 2020**

FROM: Dennis Cafferty, General Manager

SUBJECT: COVID-19 Response

The District continues in its effort to balance compliance with health officials' guidance and State and Federal direction with the critical need to maintain the reliability of the essential services provided by the District. The following represents a summary of the current status of the District's response to the ever changing challenges presented by the COVID-19 pandemic.

County Tracking System – The State recently tiered, color coded monitoring system is described in the following table:

County Risk Level	Daily New Cases (per 100k)** (7-day average w/ 7-day lag)	Positive Tests (7-day average w/ 7-day lag)
WIDESPREAD Tier 1	>7 new daily cases (per 100k)	>8%
SUBSTANTIAL Tier 2	4 - 7 new daily cases (per 100k)	5 - 8%
MODERATE Tier 3	1 - 3.9 new daily cases (per 100k)	2 - 4.9%
MINIMAL Tier 4	<1 new daily cases (per 100k)	<2%

The County of Orange, as well as much of the State of California, was placed in Tier 1 (Widespread) on November 16 with its more restrictive requirements on businesses in the County. The recent daily positive cases rate is in the Tier 1 range while the testing positivity rate has remained in the Tier 3 range.

Customer Billing – The suspension of non-pay shutoffs continues. The incidence of late payments or customers communicating that they are unable to pay their bill due to the financial crisis associated with the COVID-19 pandemic continues to be relatively Staff will continue to closely monitor billing for any further indication of trends or patterns.

Staffing – The following descriptions provide an overall description of the current approach to staffing and schedules:

- Illness – The District has had only one employee test positive for the COVID-19 virus. That employee has fully recovered and returned to full time work.

- Work Safety Protocols – The District's management staff continues to emphatically remind and require all staff of the critical need to practice social distancing of a minimum of six feet as well as the need to follow CDC guidelines regarding hand washing and other personal hygiene.

  Recently modified guidance regarding masks now requires masks when employees are indoors and more than one employee are in the same space or office, regardless of the distance. The District has advised the employees of the new requirements and of the District's strict adherence to the mask requirements. Staff has been informed and consistently reminded that the combination of masks, distance and hygiene are the most effective means to mitigate the potential of contracting the virus.

- Telecommuting – Staff has expanded its telecommuting capability encouraging additional staff to work remotely, further reducing the number of people in the office at the same time.

- Field Operations – The Operations Department is working their normal 9/80 schedule. Certain modifications such as staggered start times and lunch periods have been implemented to reduce traffic and interaction in locker rooms and the lunch room.

- Self-Certification – Staff continues to follow the requirement for daily self-certification that employees are not suffering from a fever or any of the typical COVID-19 symptoms. Employees are required to provide the daily certification on-line.

Emergency Administrative Leave –

Staff is recommending the Board authorize the General Manager to provide an additional 160 hours of EAL per month per employee, as necessary for the next three months. Further consideration of the EAL requirement will be considered based on current conditions at the February Board meeting.

Recommended Action: Staff recommends the Board of Directors grant the General Manager discretion to extend the use of Emergency Administrative Leave, as necessary up to 160 hours per employee per month, until the February 25, 2021 meeting of the Board of Directors.

STAFF REPORT

TO: BOARD OF DIRECTORS **MEETING DATE: November 23, 2020**

FROM: Dennis Cafferty, General Manager

SUBJECT: Operational Area Agreement

The Orange County (OC) Operational Area (OA) Agreement formally creates and organizes the OC OA as required by the Standardized Emergency Management System (SEMS), Title 19 California Code of Regulations Section 2409, et seq. The original OC OA was created and the OC OA Agreement approved by the OC Board of Supervisors (Board) in 1995. The OC OA Agreement, which was developed through a collaborative process with all affected organizations and jurisdictions, has beneficially guided how OC jurisdictions coordinate emergency planning and response activities.

The OA is overseen by an Executive Board with representatives from each emergency response discipline. The OA Executive Board meets on a quarterly basis, and is responsible for the development, establishment and implementation of the policies of the OA. In 2017, the OA Executive Board identified the need to update the OA Agreement to better reflect current best practices and update outdated information. To accomplish this task, the Sheriff-Coroner Department (Sheriff), Emergency Management Division, which serves as staff to the OA Executive Board, formed a collaborative, multi-jurisdictional OA Agreement Revision Working Group to complete a comprehensive review and revision of the document.

The new OC OA Agreement developed by the OC OA Agreement Revision Working Group has structural and content changes from the original 1995 document. Agreement sections were reorganized to make the document easier to understand and reference,

and the document is reformatted to more closely align with the Emergency Management Division's plan document style guide.

The major content changes are outlined below:

New OA Executive Board Members

Five new OA Executive Board seats were added to the body to more diversely represent the jurisdictions of the OA. The new seats are designated for:

- The County Executive Officer
- The OC Social Services Agency Director
- The OA Water/Wastewater Mutual Aid Coordinator
- A representative selected jointly from the OC Community College Districts
- The OC Transportation Authority Chief Executive Officer

OC Emergency Management Organization (OCEMO) Update

Since the 1995 OC OA Agreement was approved, OCEMO has transitioned to a simpler model than was outlined in the original document. Several changes have been made in the new OC OA Agreement to reflect the current operational practices of OCEMO and ensure alignment with the new OCEMO bylaws approved in 2018. Another change is the removal of the OCEMO Representative Board, which has not been in use for a decade or more. The new Agreement also provides clarity on the nature of the administrative support provided to OCEMO by the County of Orange.

OA Coordinator Staffing

The 1995 OC OA Agreement specifically outlined which agencies are responsible for staffing the Operational Area Coordinator (OAC) position. At the time of approval, this staffing arrangement aligned with the staffing of the Director of Emergency Services (DES) position and was meant to outline additional responsibilities for the DES during an OA-wide incident. Since approval an update to the County Ordinance that defines staffing for the DES role created a conflict with the original OAC staffing arrangement. To rectify this conflict and to prevent similar issues in the future, the language in the updated Agreement is streamlined to reference the County Ordinance and Resolution rather than separately defining OAC staffing.

OA Finance

The New OC OA Agreement includes a significant reworking of language related to OA finances: grant funding and administration. Relevant language once contained in an addendum is now incorporated in the main body of the OC OA Agreement. Language referencing specific grant programs is replaced with

broader language that reflects the shifting nature of grant funding and the challenges of grant administration. The new language also addresses lessons learned related to the financial aspects of mutual aid and disaster recovery.

Addendums

The 1995 OC OA Agreement had three addendums that addressed various issues brought forth during the development of the original document. Addendum One clarified roles and responsibilities for the OA, the OA Executive Board and the OAC. Addendum Two included documents related to the administration of the Emergency Management Assistance Program grant that no longer exists. Relevant portions of these two addendums were incorporated into the main body of the new OC OA Agreement as appropriate. Addendum Three is the OA Mutual Aid Plan. This critical document will become an attachment to the Unified County of Orange and OC OA Emergency Operations Plan. This will put the Mutual Aid Plan on a more defined schedule of review and revision.

Naming and Terminology Changes

Several name changes are introduced in the new OC OA Agreement draft to clarify the differences between the various bodies and positions created by the document.

On March 24, 2020, the revised OC OA Agreement was adopted by the County Board of Supervisors. The new OC OA Agreement became effective on September 26, 2020. In order to be a voting member of OCEMO, each political subdivision is required to execute the Orange County Operational Agreement. The 2020 OA Agreement Structure Overview and the new OA Agreement (Exhibit A) are attached. Also attached for reference is the 1995 OA Agreement (Exhibit B).

Recommended Action: Staff recommends that the Board of Directors 1) adopt Resolution No. 20-11-2 which approves the 2020 Orange County Operational Area Agreement with the County of Orange and Political Subdivisions and 2) authorize the General Manager to execute the 2020 Orange County Operational Area Agreement with the County of Orange and Political Subdivisions by completing and submitting the signature page.

RESOLUTION NO. 20-11-2

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
WHICH APPROVES AND ADOPTS THE
OPERATIONAL AREA AGREEMENT
TO REFLECT THE CURRENT OPERATIONAL
PRACTICES OF THE ORANGE COUNTY
EMERGENCY MANAGEMENT ORGANIZATION

RESOLUTION NO. 20-11-2

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
WHICH APPROVES AND ADOPTS THE
OPERATIONAL AREA AGREEMENT
TO REFLECT THE CURRENT OPERATIONAL
PRACTICES OF THE ORANGE COUNTY
EMERGENCY MANAGEMENT ORGANIZATION

WHEREAS, the District coordinates prevention, preparedness, responses, recovery and mitigation efforts for the safety of persons and property from the effects of natural, human-caused, or war-caused disasters; and

WHEREAS, the District is a political subdivision within the County of Orange Operational Area; and

WHEREAS, the purpose of the Operational Area, as defined in Government Code Section 8605 and Title 19 California Code of Regulations Sections 2403 and 2409, is to manage and coordinate information, resources and priorities among the local governments within the geographic area of the County, and to serve as the coordination and communication link between the local government level and the regional level of the State; and to use multi-agency or inter-agency coordination to facilitate decisions for overall operational area level emergency response activities; and

WHEREAS, the Operational Area Agreement is intended to provide for the continued management of the Operational Area; cooperative and mutual handling of duties and responsibilities of the Operational Area Lead Agency; coordination of the emergency functions of the Operational Area with all other public agencies, corporations, organizations, and affected private persons within the Operational Area; and the preparation and implementation of plans for the protection of persons and property within the Operational Area in the event of an emergency; and

WHEREAS, on March 24, 2020, the revised Operational Area Agreement was adopted by the County Board of Supervisors.

.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of the El Toro Water District does hereby approve and adopt the above referenced Operational Area Agreement as set forth in Exhibit “A” attached hereto, which Exhibit is by this reference incorporated herein.

ADOPTED, SIGNED AND APPROVED, this 24th day of November 2020.

MARK L. MONIN, President
E 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 there of

2020 OA Agreement Structure Overview

FOR REFERENCE ONLY: In case of discrepancy, the Agreement itself shall prevail. This chart depicts the OA structure only and does not describe the entirety of the OA Agreement.

Orange County Operational Area – All subdivisions within the County

Section 2.1

OA Signatory Council

Section 2.2

OA Executive Board

1. Chair of the OC Board of Supervisors
2. OC County Executive Officer
3. Operational Area Law Enforcement Mutual Aid Coordinator, the OC Sheriff
4. Operational Area Fire & Rescue Mutual Aid Coordinator, as selected by the OC Fire Chiefs Association
5. Operational Area Public Works Mutual Aid Coordinator, the OC Pubic Works Director
6. Operational Area Health Care Mutual Aid Coordinator, the OC Health Care Agency Director
7. Operational Area Water/Wastewater Mutual Aid Coordinator
8. OC Social Services Agency Director
9. Rep. selected jointly from the OC City Managers Association
10. Rep. from the OC Chiefs of Police and Sheriff's Association
11. Rep. from the OC Fire Chiefs Association
12. Rep. from the OC City Engineers and Public Works Directors Association
13. Rep. from Independent Special Districts of OC
14. OC Superintendent of Schools
15. Rep. selected jointly from OC Community College Districts
16. OC Transportation Authority Chief Executive Officer

Section 3.1

OA Jurisdiction Responsibilities

- Participate
- Cooperate
- Emergency Management Program
- Emergency Plan and Organization
- Procedures
- Training and Exercises
- Emergency Assistance
- Resource Lists
- Critical Points of Contact
- Disaster Recovery

Section 3.2

County Specific Responsibilities as OA Lead Agency

- 24 hour contact
- Operational Area Emergency Operation Center
- Initial EOC Activation Staffing
- Disaster Recovery
- Operational Area Emergency Plan and Annexes
- Operational Area Executive Board Support
- Executive Board Subcommittee and Working Group Support

Section 2.2.3

Other Sub Committees & Working Groups formed by OA Board

Section 2.3

Orange County Emergency Management Organization

OCEMO Leadership

- Chairperson
- 1st Vice Chairperson
- 2nd Vice Chairperson
- OA Manager
- Immediate Past Chair
- Elected

*No more than eight OCEMO members who are also voting members of the OA Executive Board shall be present at any OCEMO meeting

OCEMO Members at Large*

- Signatory Member "Voting"
- Collaborative Member "Limited Voting"
- Associate Member "No Voting"

OCEMO Responsibilities

- OA Area Plans, Annexes & SOPs
- Training and Exercises
- Public Education and Outreach
- Legislation
- Other, as assigned by the OA Executive Board

EXHIBIT A

Orange County Operational Area Agreement



of the County of Orange and Political Subdivisions

January 2020

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I. Recitals

OPERATIONAL AREA AGREEMENT
OF THE COUNTY OF ORANGE AND POLITICAL SUBDIVISIONS

THIS AGREEMENT is entered into this 19th day of May, 2020 which date is enumerated for purpose of reference only, by and between the County of Orange, hereinafter referred to as County, and all other Political Subdivisions within Orange County, as defined in Government Code Section 8557 (b) of the California Emergency Services Act, hereinafter referred to as Subdivisions, collectively hereafter referred to as the Parties.

W I T N E S S E T H:

WHEREAS, it is the intent of the Parties hereto to coordinate prevention, preparedness, response, recovery and mitigation efforts for the safety of persons and property from the effects of natural, human-caused, or war-caused disasters, hereinafter referred to as emergencies, as required by the California Emergency Services Act and the Standardized Emergency Management System (SEMS) Regulations, Title 19 California Code of Regulations Sections 2400 et seq.; and

WHEREAS, the purpose of an Operational Area, as defined in Government Code Section 8605 and Title 19 California Code of Regulations Sections 2403 and 2409, is to manage and coordinate information, resources, and priorities among the local governments within the geographic area of the County, and to serve as the coordination and communication link between the local government level and the regional level of the State; and to use multi-agency or inter-agency coordination to facilitate decisions for overall operational area level emergency response activities; and

WHEREAS, this Agreement is intended to provide for the continued management of the Operational Area; cooperative and mutual handling of duties and responsibilities of the Operational Area Lead Agency; coordination of the emergency functions of the Operational Area with all other public agencies, corporations, organizations, and affected private persons within the Operational Area; and the preparation and implementation of plans for the protection of persons and property within the Operational Area in the event of an emergency; and

WHEREAS, in accordance with the requirements of California laws and regulations the County previously adopted Orange County Codified Ordinances, section 3-1-5 and Resolutions 81-1104 and 95-870 and intends to adopt an updated resolution for this Agreement to support emergency management planning and coordination of all political subdivisions within the Orange County geographic area as required by State law; and

WHEREAS, Orange County Board of Supervisors Resolution 05-144 adopted the National Incident Management System (NIMS) for the Orange County Operational Area which sets many of the same objectives as the Standardized Emergency Management System;

NOW THEREFORE, the Parties hereto agree as follows:

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Section One. Operational Area Establishment

1.1 Operational Area Established

The entire geographic area of Orange County constitutes an Operational Area (OA) for the purposes of coordinating the prevention, preparedness, response, recovery and mitigation efforts for the safety of persons and property from the effects of natural, human-caused or war caused disasters, hereinafter referred to as emergencies. All local governments should cooperate in organizing an effective OA, but the OA authority and responsibility is not affected by the non-participation of any local government. The County of Orange shall be the Operational Area Lead Agency as specified in Title 19 California Code of Regulations Section 2409(d).

1.2 Local Authority

In the event of an actual or threatened emergency, each jurisdiction shall retain the authority provided for by law respecting its jurisdiction. No body created by this Agreement can bind Parties to legal or financial obligations.

Section Two. Operational Area Council, Executive Board and Subcommittees

2.1 Operational Area Signatory Council

All political subdivisions within the geographic area of Orange County, California are organized into the OA, regardless of signatory status.[1] The OA Signatory Council, hereinafter referred to as the Council, is hereby created to include the signature Parties to this Agreement. The Parties acknowledge that the Council is not a separate legal entity and that it is not their intention to form a joint powers authority.

2.1.1 Membership

By approval and execution of this Agreement, all Subdivisions in the County of Orange, including cities, school districts, community college districts, special districts, joint powers authorities, and the County, are members of the Council. Each signature party shall designate annually in writing to the Orange County Sheriff's Department Emergency Management Division, hereinafter referred to as county emergency management, one primary and one alternate representative of its governing body to serve on the Council.

2.1.2 Responsibilities

It is not the intent of this Agreement that there be regular meetings of the Council. In routine matters and day-to-day decision-making, the OA Executive Board (as described in Section 2.2) will represent the interests of the OA. However, the Council shall have authority over the major policy issues of the OA, as determined by the Executive Board, including adoption of any amendments to this Agreement or adoption of any fees to support OA coordination activities. Council members will receive information regarding major OA policy issues from the Executive Board, when necessary, for consideration at their respective governing body meetings. Furthermore, whenever a majority of the Council determine that an issue should be brought before the Council, it shall be done irrespective of whether the Executive Board has identified it as a major policy issue.

2.1.3 Representatives Meeting

The representatives of the Council may meet as necessary as determined by the Executive Board or as requested by a majority of the members of the Council. Should it be necessary for the Council to meet, each member of the Council shall be entitled to one vote. The representatives present shall, by majority vote, select a Chair Pro Tem for that meeting from among the representatives present. A majority of all Council member representatives shall constitute a quorum for the transaction of business relating to the OA. Unless otherwise provided herein, a vote of the majority of those present and qualified to vote shall be sufficient for the adoption of any motion, resolution, or order and to take any other action deemed appropriate to further the

[1] Title 19 California Code of Regulations Section 2409

objectives of the OA. Voting will be conducted in accordance with Robert's Rules of Order. All meetings will be noticed and conducted in accordance with the Brown Act.

2.2 Operational Area Executive Board

2.2.1 Membership

The Council shall have an OA Executive Board, hereinafter referred to as the Executive Board, consisting of sixteen voting members. The Executive Board includes representatives from the County Board of Supervisors, public safety agencies and Mutual Aid Coordinators, key County departments, and OA jurisdictions. Individuals will only serve as a voting member in one role for any single meeting and for purposes of determining quorum.

Executive Board Members

1. The Chair of the Orange County Board of Supervisors
2. The County Executive Officer
3. The OA Law Enforcement Mutual Aid Coordinator, the Orange County Sheriff
4. The OA Fire & Rescue Mutual Aid Coordinator, as selected by the Orange County Fire Chiefs Association
5. The OA Public Works Mutual Aid Coordinator, the Orange County Public Works Director
6. The OA Health Care Mutual Aid Coordinator, the Orange County Health Care Agency Director
7. The OA Water/Wastewater Mutual Aid Coordinator
8. The Orange County Social Services Agency Director
9. A representative selected jointly from the Orange County City Managers Association
10. A representative from the Orange County Chiefs of Police and Sheriff's Association
11. A representative from the Orange County Fire Chiefs Association
12. A representative from the Orange County City Engineers and Public Works Directors Association
13. A representative from Independent Special Districts of Orange County
14. The Orange County Superintendent of Schools, representing Orange County K-12 School Districts
15. A representative selected jointly from Orange County Community College Districts
16. The Orange County Transportation Authority Chief Executive Officer

Terms, Alternates and Voting

Executive Board members subject to being "selected," which are enumerated above as numbers 4, 9-13 and 15, shall be appointed by their respective agency, jurisdiction or organizations annually and shall serve at the discretion of their organization for one year. Each jurisdiction, agency or organization shall also designate three alternate representatives. Individuals appointed to the Executive Board can be the same or different than those identified in Section 2.1.1 as a

member jurisdiction's Council primary or alternate representative. In no circumstances shall one individual occupy more than one Executive Board position or count as more than one member for purposes of determining quorum.

Each Executive Board member, or alternate in the absence of the voting member for whom he/she is the designated alternate, shall be entitled to one vote. A majority of the Executive Board (9 members) shall constitute a quorum for the transaction of business relating to the OA. Unless otherwise provided herein, a vote of the majority of those present and qualified to vote shall be sufficient for the adoption of any motion, resolution or order and to take any other action deemed appropriate to achieve the objectives of the OA. Voting will be conducted in accordance with Robert's Rules of Order. The OA Executive Board is a Brown Act meeting and is noticed and conducted as such.

Operational Area Executive Board Chair and Vice-Chair

The Chair and Vice Chair shall be elected annually by the Executive Board. In the absence of both the Chair and the Vice Chair, the members of the Executive Board present shall, by majority vote, select one of the members present to act as Chair Pro Tem.

Meetings

The Executive Board shall meet quarterly or as designated by the Executive Board Chair.

2.2.2 Responsibilities

The Executive Board shall have oversight of the actions of the OA Manager (as described in Section 4.2) in the daily operations and administration of the OA. The Executive Board's oversight authority shall include directing the development, establishment, and implementation of the policies of the OA, and keeping the Council informed of its actions. The Executive Board shall determine which major policy issues of the OA require Council approval and shall seek such approval.

Policy and Operational Area Emergency Operations Plan

The Executive Board will establish OA policy, review and approve the OA Emergency Operations Plan (EOP) and Annexes, and maintain these documents as required by SEMS and NIMS.

Mutual Aid Plans and Agreements

The Executive Board shall review proposals of emergency mutual aid plans and agreements and make recommendations on endorsement of such proposals to governing boards of Subdivisions.

Laws, Rules, Legislation and Regulation

The Executive Board shall review and may recommend for action or adoption by Subdivisions, emergency and mutual aid plans, agreements, ordinances, resolutions, and any rules and regulations necessary to implement such plans and agreements. The Executive Board may also

study, review, and make recommendations on State and Federal legislation and policy as appropriate, and on matters referred to the Executive Board in writing by Council members.

Operational Area Executive Board Emergency Advisory Capacity

The Executive Board may be convened by the Chair or the OA Coordinator, as described in Section 4.1, to review a potential or actual emergency situation and make and receive appropriate recommendations from the OA Coordinator and Council members to facilitate a coordinated OA response.

2.2.3 Subcommittees and Working Groups

The Executive Board may establish standing and ad hoc subcommittees and working groups to complete its work and to ensure communication and coordination between all interested persons or groups. Subcommittees and working groups shall elect a Chairperson and provide appropriate staff support from their participants. The OA Manager shall provide coordination between these subcommittees and the Executive Board only.

2.3 Orange County Emergency Management Organization

There is hereby established a standing subcommittee to the Executive Board, the Orange County Emergency Management Organization, hereinafter referred to as OCEMO. OCEMO is a collaboration and coordination body tasked with developing the plans, procedures, and associated documents necessary for a robust Operational Area emergency management program. The County and all Subdivisions shall be expected to participate in OCEMO, to the maximum extent possible, with the understanding that the cooperative maintenance of the OA EOP, policies and procedures, training and exercises is necessary to ensure that the OA EOP, policies, procedures, training and exercises meet the emergency needs of the Subdivisions, County, and OA.

2.3.1 Membership

The entire OCEMO body ("Members at Large") consists of three groups of representatives involved in some capacity of an emergency management function, as defined below and in the OCEMO Bylaws.

Signatory Members

Staff members with primary emergency management responsibilities from signatory agencies to this agreement are considered Signatory Members. Each signatory jurisdiction shall identify a primary and secondary representative who shall have the right to vote on behalf of the jurisdiction. To ensure compliance with the Brown Act, no more than eight OCEMO members who are also voting members of the OA Executive Board shall be present at any OCEMO meeting.

Collaborative Members

Representatives of other government, non-profit, or private agencies that are not signatories to this agreement and are not currently represented by a Signatory or Collaborative Member, but are considered to have a significant role in OA planning, response and recovery processes are considered Collaborative Members. Collaborative members must be approved by Signatory Members and have limited voting rights as outlined in the OCEMO Bylaws.

Associate Members

Other representatives of organizations interested in participating in OCEMO activities, and who may provide input into the OA EOP, annexes, and supporting Standard Operating Procedures (SOPs) are considered Associate Members. Associate members have no voting rights.

2.3.2 Responsibilities

As a subcommittee to the Executive Board, the responsibilities of OCEMO are to meet the following objectives as they relate to disaster and emergency prevention, preparedness, response, recovery and mitigation within the OA:

Operational Area Plans, Annexes, and Standard Operating Procedures

- Participate in revisions and updates of the OA EOP and associated Annexes and SOPs developed and maintained by county emergency management staff as described in Section 3.2. Once completed, plans and the associated Annexes reviewed by OCEMO shall be forwarded to the OA Executive Board for approval.

Training and Exercises

- Coordinate training and exercises for the OA, to include after action discussions, lessons learned and professional development.

Public Education and Outreach

- Coordinate the development of public education and whole community emergency preparedness programs.

Legislation

- Review and report on legislation impacting emergency plans and programs, and propose concepts for new legislation for consideration by the Executive Board.

Other

- Other duties as assigned by the Executive Board.

2.3.3 OCEMO Leadership

The OCEMO Leadership shall consist of the OCEMO Chairperson, First Vice Chairperson and Second Vice Chairperson, elected in accord with the OCEMO Bylaws, the OA Manager and the

immediate past Chairperson. Any Signatory or Collaborative Member shall be eligible to serve as a candidate for OCEMO Chairperson, First Vice Chairperson, and Second Vice Chairperson as outlined in the OCEMO Bylaws.

2.3.4 Organization and Procedures

OCEMO will maintain and approve Bylaws. The Bylaws will define, at a minimum, OCEMO purpose, membership, leadership duties, elections, voting procedures, official meeting frequency, and the process for amending the Bylaws. The Bylaws shall in all instances be consistent with this Agreement.

OCEMO will review the Bylaws, as needed. Any amendments to the Bylaws will be approved by OCEMO Signatory Members, as detailed in the OCEMO Bylaws.

If OCEMO identifies the need for additional Subcommittees or working groups, OCEMO members participating in that subcommittee or working group shall provide staff support.

2.3.5 Administrative Support

The County shall provide administrative support to OCEMO as follows:

- Attend all OCEMO and OCEMO Leadership meetings
- Maintain a contact list of the primary and alternate representatives of each OCEMO member
- Organize and manage OCEMO Leadership elections and votes on other issues
- Notify members of their appointment to office or subcommittees
- Create and distribute OCEMO meeting agendas
- Take and transmit OCEMO meeting minutes
- Maintain official OCEMO records, including agendas and minutes, in compliance with County record retention policies.

Section Three. Responsibilities

3.1 Operational Area Jurisdiction Responsibilities

Subdivisions of the OA have the responsibilities as set forth below:

Participation

Actively participate as a member jurisdiction in the Council, Executive Board (if designated), and subcommittees such as OCEMO.

Cooperation

Promote cooperation among all Subdivisions in order to improve the overall OA emergency management program.

Emergency Management Program

Develop an emergency management program to provide for the needs of the Subdivision, which shall be complementary to and compatible and coordinated with the needs of the OA in the event of an emergency.

Emergency Plan and Organization

Develop and maintain an EOP and organization to provide for the emergency needs of the Subdivision according to SEMS Regulations and NIMS, and coordinate with and, where able, support other Subdivisions, the County, and the OA Emergency Operations Center (EOC).

Procedures

Develop Subdivision procedures that outline the steps necessary to satisfy responsibilities as a member jurisdiction of the OA.

Training and Exercises

Maintain a thorough knowledge of the Parties' and OA's EOPs and ensure that the supporting services and key personnel are properly trained and organized to meet all of their responsibilities in the event of an emergency. Conduct regular exercises and participate in regional exercises, when offered.

Emergency Assistance

Parties shall offer assistance to other jurisdictions and secondary and relief support to the OA within the limits of capabilities and according to applicable mutual aid agreements. Parties should participate in mutual aid agreements wherever possible.

Resource Lists

Maintain current resource listings of staff, facilities, equipment and supplies available in the jurisdiction for use in the event of an emergency.

Critical Points of Contact

Identify 24-hour or other critical points-of-contact for the Subdivision that may be used by the OA EOC during emergency operations. If the points-of-contact are individuals, identify a primary and at least three alternates for each. Inform county emergency management staff when critical points-of-contact change or are updated.

Disaster Recovery and Financial Reimbursement

Subdivisions have ultimate responsibility for their own recovery program and will work directly with FEMA and Cal OES throughout the cost recovery process. Each Subdivision is individually responsible for developing, submitting, and receiving their own emergency aid, loans or grants from any source including local, state, and federal governments. Each is individually responsible for the timeliness, accuracy, and compliance of its own expenditures submitted for reimbursement through such mechanisms.

3.2 County-Specific Responsibilities

The County acts as the OA Lead Agency. The OA Lead Agency has the following responsibilities to the OA in addition to those responsibilities specified under Section 3.1 of this Agreement:

24-Hour Contact Point

The County will serve as the 24-hour contact point for the OA and act as lead in activating the OA EOC, hereinafter referred to as OA EOC.

Operational Area Emergency Operations Center

The County EOC and Alternate EOC (as designated) shall serve as the OA EOC. The OA EOC shall exist as a dedicated essential facility and be capable of serving as the central point for:

- coordinating information and resources with OA subdivisions
- coordinating all levels of government as a component of Orange County's Multiagency Coordination System (MACS)
- coordinating with other OAs
- reporting information to and coordinating with the California Office of Emergency Services (Cal OES) Southern Region EOC

County emergency management staff shall be responsible for ensuring the OA EOC is maintained in a state of constant readiness, in accord with the FEMA Emergency Operations Center Assessment Checklist and ASTM E2668 – Standard Guide for Emergency Operations Center Development, or subsequent standards if revised.

Initial EOC Activation Staffing

The County shall provide initial OA EOC activation staff. Subdivisions with available resources may provide secondary and relief OA EOC staffing.

Disaster Recovery and Financial Reimbursement

The County shall be responsible for coordinating the formal recovery process through Cal OES and FEMA and will assist with:

- Coordinating initial OA disaster recovery
- Scheduling damage assessment site visits
- Other duties as outlined in the Recovery Annex to the OA EOP

Operational Area Emergency Operations Plan and Annexes

County emergency management staff shall be responsible for coordinating with the Orange County Emergency Management Organization to maintain and revise the OA EOP, annexes and SOPs as directed by the Executive Board.

Operational Area Executive Board Support

County emergency management staff shall provide support to the Executive Board for agendas and minutes for meetings and coordinating follow-up only.

Subcommittee and Working Group Support

County emergency management staff shall provide support to Executive Board subcommittees and working groups.

Section Four. Operational Area Coordinator and Operational Area Manager

4.1 Operational Area Coordinator

By this Agreement, the Council creates and recognizes the position of an OA Coordinator, hereinafter referred to as the Coordinator. During an emergency the OA Coordinator position will be filled by the Orange County Director of Emergency Services, as specified by Section 3-1-6 of the Orange County Code of Ordinances and County Board of Supervisors Resolution 12-036, as presently existing or as hereafter amended.

4.1.1 Powers and Duties

The Coordinator shall direct and coordinate the OA during times of emergency. In addition to his/her responsibilities as Director of Emergency Services, the Coordinator shall have the additional duties and powers, as described below and in the OA EOP:

Direction and Coordination

Serve as key decision-maker in the OA EOC, providing direction and coordination necessary to accomplish the purposes of this Agreement and responsibilities of the OA Lead as specified in Title 19 California Code of Regulations Section 2409(e).

Operational Area Representative

Represent the OA in all dealings with the public or private agencies on matters pertaining to emergencies as defined in Section 3-1-2 of the Orange County Code of Ordinances.

4.2 Operational Area Manager

By this Agreement, the Council creates and recognizes the position of an OA Manager. The OA Manager shall be the County Emergency Manager as specified in Section 3-1-6 of the Orange County Code of Ordinances and County Board of Supervisors Resolution 12-036, as presently existing or as hereafter amended.

4.2.1 Powers and Duties

The OA Manager shall have the following powers and duties:

Administration of Operational Area Agreement

On a day-to-day basis, ensure County-specific responsibilities detailed in Section 3.2 are met.

Staff to the Operational Area Executive Board

Serve as staff to the Executive Board, maintain close liaison with the Executive Board, and coordinate all activities of assigned OA staff with the Executive Board.

Daily Coordination and Assistance

Direct the daily coordination and cooperation between the county emergency management staff, Subdivisions, and Executive Board Subcommittees, including OCEMO. Resolve questions of authority and responsibility that may arise between them, and work closely with and assist the Executive Board, as required.

Notification of Emergency Operations Center Activation

Notify the Board of Supervisors, the Executive Board, and OCEMO of an OA EOC activation as soon as practical, and keep the Executive Board and Board of Supervisors informed on all aspects of a current emergency situation as soon as information becomes available.

OCEMO Support

Serve on OCEMO Leadership. Provide support to OCEMO for agendas, minutes and administrative support only. Staff support to OCEMO subcommittees shall be provided by OCEMO members.

Budget and Staffing

Develop an annual operating budget and staffing recommendations, and monitor the expenditures at the direction of the Executive Board.

After Action Reports

Coordinate with OCEMO for the development of after action reports for the Executive Board following activations of the OA EOC.

Resource Coordination

Act as the coordination point between Subdivisions and the Cal OES on a day-to-day basis for Emergency Management Mutual Aid (EMMA) resource requests, in accordance with the State of California Emergency Management Mutual Aid Plan. The OA Manager may also coordinate other OA mutual aid requests, as appropriate.

Section Five. Operational Area Response Systems

5.1 Operational Area Emergency Operations Plan

Under the direction of the Executive Board, county emergency management staff shall be responsible for maintaining the OA EOP, which shall provide for the effective mobilization of all OA resources, both public and private, to meet any condition constituting an emergency; and shall provide for the organization, powers and duties, and staff of the OA emergency response organization. This responsibility is inclusive of the EOP and any associated Annexes and SOPs.

5.1.1 Compliance

The OA Emergency Operations Plan shall comply with applicable local, state and federal planning criteria, including NIMS and SEMS.

5.1.2 Functional Assignments

The OA EOP shall include the functions assigned to the mutual aid organizations, County agencies/departments and Subdivisions. It shall be the responsibility of agency/department heads and Subdivisions to appoint staff who shall report to the OA EOC and carry out the assigned duties as appropriate.

5.1.3 Approval

Updates and revisions to the OA EOP and annexes will be effective on approval by the Executive Board. SOPs and other support documents may be updated on an ongoing basis by county emergency management staff as long as changes are consistent with approved plans and annexes.

5.2 Operational Area Emergency Operations Center

5.2.1 Location

The primary and dedicated County EOC located at 2644 Santiago Canyon Rd., Silverado, California, or alternate as designated, shall serve as the OA EOC. Communication connection to the OA EOC shall be the responsibility of each Subdivision and Mutual Aid Coordinator or their representative.

5.2.2 Required Activation

Activation of the OA EOC is required under the conditions defined by SEMS, Title 19 California Code of Regulations Section 2409(f), the Orange County OA EOP and associated Annexes.

5.2.3 Staff for the Operational Area Emergency Operations Center

The County shall provide initial OA EOC activation staff. Subdivisions with available resources shall provide secondary and relief OA EOC staffing. Emergency management or other mutual aid shall be used to staff the OA EOC as necessary. The County declares its willingness to provide a staff member to an impacted Subdivision's EOC or Incident Command Post to act as an OA coordination point, if desired by the Subdivision and as personnel availability and safety concerns allow.

Section Six. Operational Area Finance

6.1 Operational Area Expenses and Revenues

Operational Area Administrative Expenses

This Agreement recognizes that there are day-to-day costs associated with OA administration and emergency management activities; these costs are separate from County-specific emergency management activities. The County shall provide administrative staffing for the OA to carry out the duties as delineated in Section 3.2 and Section 4 of this Agreement; however, the County shall not be solely responsible for the costs of administering the OA.

The County Board of Supervisors has the over-arching authority and responsibility to approve the county emergency management budget that supports both County and OA emergency management activities.

To offset costs of the OA, the Executive Board shall be responsible for the acquisition and distribution of federal, state, and business or private foundation emergency management grant funds. For emergency management grant funds made available to the OA for distribution among the Subdivisions, the Executive Board will review and approve proposed funding allocation methods. Their review will take into consideration recommendations from OCEMO, acting in their role as subcommittee to the Executive Board. To offset administrative costs, a percentage of such grants may be allotted to the OA before apportionment among the subdivisions. If funding becomes available with a short application period that does not allow for OCEMO, Executive Board, and County Board of Supervisors pre-approval, then approval will be sought retroactively through the ratification process set forth by the County Board of Supervisors.

The County or any Subdivision may fund through general or special funds any services, supplies, or programs that they separately or jointly determine are necessary to comply with laws or regulations, or that serve the purposes of emergency prevention, preparedness, response, recovery and mitigation on an OA level.

Costs of Operational Area during Emergency Response and Recovery

During emergencies, all OA jurisdictions shall be expected to participate to the maximum extent possible, according to mutual aid and other agreements, with the understanding that during an emergency, the priorities are life safety, property, and the environment (in that order), regardless of which jurisdiction is impacted. This Agreement incorporates by reference the reimbursement concepts of the Emergency Management Assistance Compact, the California Disaster and Civil Defense Master Mutual Aid Agreement, and the State of California Emergency Management Mutual Aid Plan. Expenditures made in connection with such emergency activities required by this Agreement, the California Emergency Services Act and/or SEMS, including mutual aid activities,

shall be deemed conclusively to be for the direct protection and benefit of the persons and property in the OA.

In deciding the level of OA response and resource commitment during emergencies, the County and Subdivisions agree to operate according to the EOP and supporting documents defined in Section 5.1 of this Agreement.

Financial Reimbursement and Recovery Following Emergencies

The County and each Subdivision are each individually responsible for developing, submitting, and receiving their own emergency aid, loans or grants from any source including local, state, and federal governments. Each is individually responsible for the timeliness, accuracy, and compliance of its own expenditures submitted for reimbursement through such mechanisms.

Section Seven. Operational Area Agreement Administration

7.1 Existing Agreements

Nothing contained in this Agreement shall be construed as superseding or modifying any existing agreements, including mutual aid agreements, except for superseding the existing OPERATIONAL AREA AGREEMENT OF THE COUNTY OF ORANGE AND POLITICAL SUBDIVISIONS dated October 3, 1995, and addenda; and nothing herein shall be construed as preventing any Party from entering into or modifying mutual aid or other emergency response agreements.

7.2 Effective Date

This Agreement shall become effective six months after approval and execution by the County Board of Supervisors and at least one Subdivision. Any Subdivision in Orange County may become a Party hereto by executing this Agreement. Notice shall be provided to the County upon a Subdivision's execution of this Agreement.

7.3 Withdrawal

Any Party may withdraw from this Agreement by providing written notice to county emergency management staff. Said notice shall be given 30 days before withdrawal from this Agreement.

7.4 Indemnification

Each Party shall defend, indemnify, and hold harmless the other Parties, and their officers, agents, employees and representatives from any and all losses, liability, damages, claims, suits, actions, administrative proceedings, demands, and litigation, and all expenses and costs relating directly to the negligent or otherwise wrongful acts or omissions of the indemnitor, its officers, agents, employees, or representatives arising out of or incidental to performance under this Agreement. No Party assumes liability for the acts or omissions of persons other than that Party's respective officers, agents, employees or representatives.

7.5 Counterparts

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same instrument.

7.6 Interpretation

Save to the extent that the context or the express provisions of this Agreement otherwise require:

- Headings and sub-headings are for ease of reference only and shall not be taken into consideration in the interpretation or construction of this Agreement;
- All references to Parts, Sections, and Paragraphs are references to Parts, Sections and Paragraphs contained herein;

- All references to any ordinance, resolution, law, regulation or guidance shall include references to any ordinance, resolution, law, regulation or guidance which amends, extends, consolidates or replaces the same or which has been amended, extended, consolidated, supplemented, substituted, novated, replaced, or assigned by the same and shall include, without limitation, any instrument, proclamation, bylaw, directive, decision, regulation, rule, order, notice, codes of practice, code of conduct, rule of court, instrument or delegated or other subordinate legislation thereto;
- The words "herein", "hereto" and "hereunder" refer to this Agreement as a whole and not to the particular Section, or Paragraph in which such word may be used;
- Any reference to a public organization or representative shall be deemed to include a reference to any successor to such public organization or representative or any organization or entity or representative which has taken over the functions or responsibilities of such public organization or representative.

7.7 Ambiguities

In the case of any ambiguity or discrepancy:

- Between the provisions in this Agreement and the provisions of any underlying Executive Order, law, or regulation, the provisions of underlying Executive Order, law, or regulations will be incorporated by approval of the Executive Board and written notice shall be provided to all Parties.
- Between the provisions in this Agreement and the provisions of any underlying mutual aid agreement or EOP, the provisions of this Agreement shall prevail until such time as the OA Executive Board considers the matter and notice of proposed resolution to such issues are provided to all Parties.

7.8 Amendment

This Agreement may not be amended or modified except in a writing executed by a majority of all signature Parties as defined by Section 2.1 of this Agreement.

OPERATIONAL AREA AGREEMENT
OF THE COUNTY OF ORANGE AND POLITICAL SUBDIVISIONS

DATED: 5/19/20

County of Orange
(City or Jurisdiction)

BY _____

Michelle Steel, Chairwoman

County of Orange

ATTEST:

By: _____

Robin Stieler, Clerk of the Board

County of Orange

Date 5/19/20

NOTICE TO COUNTY OF ORANGE TO BE GIVEN TO:
City/Jurisdiction

Donna Boston
Name

County of Orange
City/Jurisdiction

2644 Santiago Canyon Road
Address

Silverado, CA 92676
City/State/Zip

714-628-7154
FAX Number

APPROVED AS TO FORM:

_____

Wendy Phillips, Senior Deputy County Counsel

County of Orange

Dated 5/26/20

ATTEST:

By: _____

_____

_____

Date _____

NOTICE TO _____ TO BE GIVEN TO:
City/Jurisdiction

_____
Name

_____
City/Jurisdiction

_____
Address

_____
Chapter 3 City/State/Zip

_____
FAX Number

APPROVED AS TO FORM:

Wendy J Pullyzi
Senior Deputy County Counsel
Orange County
Dated 2/26/20

EXHIBIT B

ORANGE COUNTY

OPERATIONAL AREA AGREEMENT

OF THE COUNTY OF ORANGE
AND POLITICAL SUBDIVISIONS

October 3, 1995

Including Addendums:

1. **Clarification of Operational Area, OA Executive Board, and Operational Area Coordinator Roles and Responsibilities adopted by Operational Area Executive Board November 6, 1996.**

2. **Policy and Procedure on Operational Area Administration Financing (including 1997/98 Grant Distribution) adopted by Operational Area Executive Board August 20, 1997.**

3. **Policy and Procedure on Operational Area Emergency Operations and Mutual Aid Financing (including Orange County Operational Area Mutual Area Plan) adopted by Executive Board August 20, 1997.**

ORANGE COUNTY

OPERATIONAL AREA AGREEMENT

OF THE COUNTY OF ORANGE
AND POLITICAL SUBDIVISIONS

October 3, 1995

OPERATIONAL AREA AGREEMENT
OF THE COUNTY OF ORANGE AND POLITICAL SUBDIVISIONS

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OPERATIONAL AREA AGREEMENT
OF THE COUNTY OF ORANGE AND POLITICAL SUBDIVISIONS

THIS AGREEMENT is entered into this _____ day of _____, 1995, which date is enumerated for purpose of reference only, by and between the County of Orange, hereinafter referred to as "COUNTY," and all other Political Subdivisions within Orange County, as defined in Government Code Section 8557 (c) of The California Emergency Services Act, Government Code Section 8550 et seq., (" The Emergency Services Act"), which are signatories hereto, hereinafter referred to as "SUBDIVISIONS", collectively referred to as the "Parties".

W I T N E S E T H:

WHEREAS, it is the intent of the Parties hereto, in accordance with The Emergency Services Act and The Standardized Emergency Management System Regulations, Title 19 California Code of Regulations Section 2400 et seq.**,** to coordinate preparedness and response efforts for the safety of persons and property from the effects of natural, man-made, or war-caused disasters, hereinafter referred to as "emergencies;" and,

WHEREAS, the purpose of an Operational Area **,** as defined in Government Code Section 8605 and Title 19 California Code of Regulations Sections 2403 and 2409, is to manage and coordinate information, resources, and priorities between the COUNTY and all Subdivisions in the geographic area of the County, and to serve as the coordination and communication link with the regional level of the State; and

WHEREAS, the declared purposes of this Agreement are to provide for the establishment and direction of the Operational Area; the cooperative and mutual handling of the duties and responsibilities of the Operational Area lead Agency; the coordination of the emergency functions of the Operational Area with all other public agencies, corporations, organizations, and affected private persons; and the preparation and implementation of plans for the protection of persons and property within the Operational Area in the event of an emergency; and

WHEREAS, any expenditures made in connection with such emergency activities, including mutual aid activities, shall be deemed conclusively to be for the direct protection and benefit of the inhabitants and property of the Operational Area.

NOW THEREFORE, the Parties hereto agree as follows:

A. EXISTING AGREEMENTS: Nothing contained in this Agreement shall be construed as superseding or modifying any existing agreements, including mutual aid agreements, except this Agreement supersedes the existing UNIFIED ORANGE COUNTY-CITIES EMERGENCY MANAGEMENT AGREEMENT dated July 14, 1981; and nothing herein shall be construed as preventing any Party from entering into or modifying mutual aid agreements.

B. OPERATIONAL AREA ESTABLISHED: The entire geographic area of Orange County constitutes an Operational Area for the purposes of emergency mitigation, preparedness, response, and recovery, as required by Title 19 California Code of Regulations Section 2409.

C. CITY-COUNTY EMERGENCY MANAGEMENT PLANNING BOARD: For the purposes of COUNTY Ordinance No. 3915 Section 3-1-5 of the Codified Ordinances of the County of Orange, as presently existing or as hereafter amended, the Council created under this Agreement constitutes the City County Emergency Management Planning Board and this Agreement defines its membership, powers, duties, divisions, services and staff.

D. LOCAL AUTHORITY: In the event of an actual or threatened emergency, each jurisdiction shall retain the authority provided for by law respecting its jurisdiction.

E. DEFINITIONS: The following terms as used in this Agreement shall, unless the context clearly indicates otherwise, have the respective meanings herein set forth below:

(1) **Operational Area Coordinator** shall mean that position affiliated with a public agency as designated in Section G of this Agreement, to provide direction and coordination of the Operational Area during times of emergency.

(2) **Emergency** shall mean the actual or threatened existence of conditions of disaster or of extreme peril to the safety of persons and property within the County caused by such conditions as air pollution, civil disturbance, sudden and severe energy shortage, drought, or earthquake or other conditions, the Governor's warning of an earthquake or volcanic prediction, epidemic, fire, flood, hazardous material release, plant or animal infestation or disease, riot, storm, or war or imminent threat of war, but other than conditions resulting from a labor controversy, which conditions are, or are likely to be, beyond the control of the services, personnel, equipment, and facilities of a Subdivision or County, requiring the combined forces of the Operational Area to manage.

(3) **Unified command** shall mean a unified team effort which allows all agencies with, either geographical or functional responsibility, to manage an emergency by establishing a common set of emergency objectives and strategies. This is accomplished without losing or abdicating agency authority, responsibility or accountability.

F. OPERATIONAL AREA COUNCIL, EXECUTIVE BOARD AND SUBCOMMITTEES:

(1) **Operational Area Council.** Title 19 California Code of Regulations Section 2400 et seq. establishing the Standardized Emergency Management System hereinafter referred to as SEMS, allows the COUNTY and all SUBDIVISIONS to have representation in the Operational Area. Therefore, the Operational Area Council, hereinafter referred to as the "Council", is hereby created to include the signature Parties to this Agreement. The Parties acknowledge that the Council is

not a separate legal entity and that it is not their intention to form a joint powers authority.

a. **Membership.** All SUBDIVISIONS in the County of Orange ,including cities, school and special districts, and the COUNTY, by approval and execution of this Agreement, are members of the Council. Each Council Member shall designate a representative and an alternate from its governing body to serve as it's representative.

b. **Responsibilities.** The members of the Council shall have authority over the major policy issues of the Operational Area, as determined by the Executive Board, including the adoption of and amendments to this Agreement and adoption of any Operational Area fees. However, whenever a majority of all members of the Council determine that an issue should be brought before the Council, it shall be done so irrespective of the fact that the Executive Board has failed to identify it as a major policy issue as set forth in the first sentence of this subsection. It is not the intent of this Agreement that there be regular meetings of the Council. The Executive Board shall submit major Operational Area policy issues to Council members for consideration at their respective governing body meetings. The approval by a majority of the governing bodies of all Council members shall be sufficient for adoption of any Operational Area business, including the amendment of this Agreement, and adoption of any Operational Area fees.

c. **Representatives Meeting.** Should it be necessary for the Council to meet, the representative or alternate of each member of the Council, shall be entitled to one vote. The representatives present shall, by majority vote, select a Chair Pro Tem from among the representatives present. A majority of all representatives of the members of the Council shall constitute a quorum for the transaction of business relating to the Operational Area. Unless otherwise provided herein, a vote of the majority of those present and qualified to vote shall be sufficient for the adoption of any motion, resolution or order and to take any other action deemed appropriate to carry forward the objectives of the Operational Area. In the event a tie vote occurs, in order to break the tie, the vote of the Chair Pro Tem shall not be counted. The representatives of the Council may meet as necessary as determined by the Executive Board or as requested by a majority of the members of the Council.

(2) Operational Area Executive Board.

a. **Creation of the Operational Area Executive Board.** The Council shall have an Executive Board, hereinafter referred to as Executive Board, consisting of eleven voting members.

1) **Members**. Members are as follows:

a) A member of the COUNTY Board of Supervisors

b) A representative from the Orange County City Engineers' and Public Works Directors' Association

c) The Orange County Fire & Rescue Mutual Aid Coordinator

d) A representative from the Orange County Fire Chiefs' Association

e) The Orange COUNTY Sheriff-Coroner- Law Enforcement Mutual Aid Coordinator

f) A representative from Independent Special Districts of Orange County

g) A representative from the Orange COUNTY Health Care Agency- Health Care Mutual Aid Coordinator

h) A representative from the Orange County Police Chiefs' and Sheriff Association

i) A representative selected jointly from the Orange County-City Manager's Association and the League of Cities.

j) A representative selected jointly by the Orange County Superintendent of Schools, Community Colleges and School Districts

k) A representative from the COUNTY Environmental Management Agency- Public Works Mutual Aid Coordinator

2) **Terms, Alternates and Voting.** Executive Board members shall be appointed by their respective organization every two years and shall serve at the discretion of their organization for two years. An alternate shall also be designated to serve the same term for each Executive Board member appointed. Each Executive Board member, or alternate in the absence of any voting member, shall be entitled to one vote. A majority of the Executive Board shall constitute a quorum for the transaction of business relating to the Operational Area. Unless otherwise provided herein, a vote of the majority of those present and qualified to vote shall be sufficient for the adoption of any motion, resolution or order and to take any

other action deemed appropriate to carry forward the objectives of the Operational Area. In the event a tie vote occurs, in order to break the tie, the vote of the Chair shall not be counted.

3) **Operational Area Executive Board Chair and Vice-Chair.** The Chair and Vice Chair shall be elected every two years by the Executive Board. In the absence of both the Chair and the Vice Chair, the members of the Executive Board present shall, by majority vote, select one of the members present to act as Chair Pro Tem.

4) **Meetings.** The Executive Board shall meet quarterly or as designated by the Executive Board Chair.

b. Responsibilities/Policy/Advisory Duties. The Executive Board shall have responsibility for the overseeing the actions of the Operational Area Manager in the daily operations and administration of the Operational Area. The Executive Board shall also have responsibility for the development, establishment and implementation of the policies of the Operational Area, and shall keep the Council informed of its actions. The Executive Board shall determine which major policy issues of the Operational Area issues require Council members' approval and shall seek such approval. However, whenever a majority of all members of the Council determine that an issue should be brought before the entire Council, it shall be done so irrespective of the fact that the Executive Board has failed to identify it as a major policy issue as set forth in this subsection.

1) **Policy and Operational Area Emergency Plan.** The Executive Board is responsible for the establishment of Operational Area policy and the development and implementation by December 1, 1996, of the Operational Area Emergency Plan, including mitigation, preparation, response and recovery, and for the ongoing exercise and maintenance of the plan as required by SEMS.

2) **Operational Area Budget and Operating Staff.** The Executive Board shall have the responsibility to direct the development of and approve the Operational Area annual operating budget and staffing utilizing resources made available to the Operational Area by the State Office of Emergency Services through the Federal Emergency Management Assistance Program, and to monitor the expenditures of the Operational Area. This shall include the responsibility to seek grants from other sources to sustain the preparedness and response efforts of the Operational Area as further detailed in Section L of this Agreement, and, if necessary, to recommend for adoption by the members of the Council, any

Operational Area fees to sustain the Operational Area. In the event the Executive Board recommends adoption of fees, the Executive Board shall be responsible for directing the development of and submitting the Operational Area annual budget and staffing to the members of the Council for approval.

3) **Laws, Rules, Legislation and Regulations.** The Executive Board shall review and recommend for action or adoption by the members of the Council, emergency and mutual aid plans, agreements, ordinances, resolutions, and any rules and regulations necessary to implement such plans and agreements. The Executive Board shall also study, review, and make recommendations on State and Federal legislation and policy as appropriate, and on matters referred to it in writing by Council members.

4) **Recovery Operations.** During the recovery phase of an emergency, the Executive Board shall provide advice to the members of the Council regarding rebuilding and cost recovery. The Executive Board shall direct the Operational Area Manager, as designated in Section H of this Agreement, to coordinate with the State Office of Emergency Services as needed in this process.

5) **Successor to the Operations Coordinator.** Due to the changing circumstances and requirements of emergencies, especially in transition from the response to and recovery from an emergency, the Executive Board is hereby given authority to appoint an Operational Area Coordinator to succeed the initial response Operational Area Coordinator designated pursuant to Section G (1) of this Agreement.

c. Subcommittees and Technical Advisory Groups.

1) **Establishment, Support and Coordination.** The Executive Board may establish standing and ad hoc Subcommittees and Technical Advisory Groups to complete its work and to ensure communication and coordination between all interested persons or groups, including but not limited to the COUNTY, SUBDIVISIONS, Orange County Emergency Management Organization, Communications Systems, Transportation, Care and Shelter. Subcommittees and Technical Advisory Groups may each elect a Chairperson and shall provide appropriate staff support from their members. The Operational Area Manager shall provide coordination between these Subcommittees or Technical Advisory Groups and the Executive Board only.

2) OCEMO. There is hereby established a standing Subcommittee to the Executive Board, the Orange County Emergency Management Organization, hereinafter referred to as "OCEMO". All Council members shall be expected to participate in OCEMO, to the maximum extent possible, with the understanding that the cooperative establishment of the Operational Area Plan, policies and procedures, training and exercises is necessary to ensure that the Operational Area Plan, policies, procedures, training and exercises meet the emergency needs of the SUBDIVISIONS, COUNTY, and Operational Area.

a) Members.

1. Standing Members. Standing members include the emergency services coordinators designated annually in writing to the Operational Area Manager by each Party which is a signatory to this Agreement. The COUNTY Emergency Manager shall be the COUNTY Standing member.

2. Approved Members. Designated representatives from other public, non-profit and private emergency response, recovery and management agencies may actively participate as approved members in OCEMO Committees. These agencies may include: Orange County Disaster Recovery Alliance, Volunteer Agencies Active In Disasters, American Red Cross, Volunteer Emergency Preparedness Organization, utilities, military bases, universities and colleges, and the State Office of Emergency Services. Membership shall be granted by the Executive Board annually, upon recommendation made by majority vote of standing members of OCEMO**.**

3. Associate Members. Members of other organizations may participate as non-voting Associate members.

b) Voting. Each of the Standing and Approved members shall be entitled to one vote. The Representative Board shall determine the issues which require approval of the voting members of OCEMO. However, whenever a majority of all members of OCEMO determine that an issue should be brought before the entire OCEMO membership, it shall be done so irrespective of the fact that the Representative

Board has failed to identify it as an issue. It is not the intent of this Agreement that there be regular meetings of OCEMO. Any member of OCEMO may attend and be heard at the Representative Board meetings and participate in Representative Board committees. The Chair may convene a meeting of OCEMO and/or conduct a vote by proxy. Unless otherwise provided herein, a vote of the majority of those qualified to vote shall be sufficient for the adoption of any motion, resolution or order and to take any other action deemed appropriate to carry forward the objectives of the Operational Area.

c) Chair and Vice-Chairs. The Chair, First and Second Vice Chair shall be elected annually by the Representative Board and shall serve both as the officers of the Representative Board and OCEMO. In the event a tie vote occurs, the vote of the Chair shall not be counted. In the absence of all officers, the members of the Representative Board present shall, by majority vote, select one of the members present to act as Chair Pro Tem.

d) Representative Board. OCEMO shall have a Representative Board, hereinafter referred to as "Representative Board".

1. Membership. The membership of the Representative Board shall be comprised of the following standing members:

a. The COUNTY Emergency Manager/ Operational Area Manager

b. The Cities' Emergency Services Coordinators

c. One representative selected jointly by the Orange County Superintendent of Schools, Community Colleges and School Districts

d. One representative selected jointly by the Water and Irrigation Districts

e. A representative from the Orange County Transportation Authority

f. One representative selected jointly by the Sanitation Districts

g. One representative selected jointly by the Sanitary Districts

h. A representative from the Parks and Recreation District

i. A representative selected jointly by the Library Districts

j. A representative from the Cemetery District

k. A representative from the Vector Control District

l. A representative from the Storm District

m. A representative selected jointly by the Community Services Districts

2. **Voting.** Each of the Representative Board members shall be entitled to one vote. A majority of the Representative Board shall constitute a quorum for the transaction of business relating to OCEMO. Unless otherwise provided herein, a vote of the majority of those present and qualified to vote shall be sufficient for the adoption of any motion, resolution or order and to take any other action deemed appropriate to carry forward the objectives of the Operational Area.

3. **Committees.** The Representative Board may establish Committees to accomplish the OCEMO duties. All OCEMO members are expected to participate in the Committees to the maximum extent possible.

e) **Executive Council.** The OCEMO Executive Council shall consist of the OCEMO Chair, First and Second Vice Chair, the immediate past Chair, and the COUNTY Emergency Manager/Operational Area Manager. The Executive Council may meet at the request of the Chair to develop agendas and plans, and to analyze issues to be presented to the OCEMO Representative Board.

f) **Staff Support.** The COUNTY shall provide support to the OCEMO Representative Board for agendas and minutes only. Staff support to OCEMO Committees shall be provided by OCEMO members.

g) **Purpose.** As a Subcommittee responsible to the Executive Board, the purposes of OCEMO include the following:

1. **Operational Area Plan.** Development and maintenance of the Operational Area Emergency Plan as described in SEMS and approved by the Executive Board.

2. **Standard Operating Procedures.** Development and maintenance of Operational Area standard operating procedures and Operational Area Emergency Operations Center procedures and guidelines for use during emergencies, reviewed and approved by the Operational Area Mutual Aid Coordinators.

3. **Emergency Training and Exercises.** Coordinate an annual Operational Area exercise as required by SEMS and coordinate training of personnel who are part of the Operational Area Emergency Organization.

4. **Efficiency and Effectiveness.** Identify, examine and develop plans and programs of concern to all SUBDIVISIONS and the COUNTY, and coordinate the development of appropriate plans and programs leading toward an integrated Operational Area approach to preparedness for emergencies, including use of cost efficient and effective, coordinated public education and individual emergency preparedness programs.

5. **Legislation.** Review and report on legislation impacting emergency plans and programs and propose concepts for new legislation for consideration by the Executive Board.

6. **Plans and Agreements.** Review proposals of emergency mutual aid plans and agreements and

make recommendations on approval of such proposals to the Executive Board.

7. **After Action Reports.** Develop after action reports for the Executive Board, following emergencies in which the Operational Area is activated.

8. **Other.** Other duties and responsibilities as delegated by the Executive Board.

h) **Meetings.** The Representative Board shall meet every other month. Special meetings of the Representative Board may be called by the Chair. Committees shall meet twice a month until the Operational Area Emergency Plan and procedures, exercise schedule and training, as required by SEMS are completed, and as necessary thereafter.

i) **Finances.** OCEMO has no authority to bind the COUNTY or any SUBDIVISION to any financial arrangement.

d. **Operational Area Executive Board Emergency Advisory Capacity.** The Executive Board may be convened by the Chair to review the potential or actual emergency situation and make and receive appropriate recommendations from the Operational Area Coordinator, as designated below, and Council members.

G. CREATION AND POWERS AND DUTIES OF OPERATIONAL AREA COORDINATOR:

(1) **Operational Area Coordinator.** By this Agreement, Council designates an Operational Area Coordinator, hereinafter referred to as "Coordinator" Based on the type of disaster described below, the initial response Coordinator shall be the incumbent of the position designated below:

a. **Law Enforcement Mutual Aid Coordinator.** The Law Enforcement Mutual Aid Coordinator is designated as the initial response Coordinator for emergencies where evacuation, law and order are of the highest priority as related to earthquake, tsunami, nuclear power plant emergency, civil disturbance, terrorism, or act of war.

b. **Fire and Rescue Mutual Aid Coordinator.** The Fire and Rescue Mutual Aid Coordinator is designated as the initial response Coordinator for emergencies where the life or safety of the public is threatened due to fire, mass casualty emergency, or hazardous materials release.

c. **Public Works Mutual Aid Coordinator.** The Public Works Mutual Aid Coordinator is designated as the initial response Coordinator for emergencies where public works or environmental protection resources shall be the primary method used for mitigation and recovery such as during flood, storm, dam failure or oil spill.

d. **Health Care Mutual Aid Coordinator.** The Health Care Mutual Aid Coordinator is designated as the as the initial response Coordinator for emergencies where there is a threat of an epidemic or a declared epidemic.

e. **Alternates to the Operational Area Coordinator.** Each incumbent of a position eligible to act as the initial response Coordinator shall annually designate, in writing by name and in order of succession, a minimum of two alternates. This designation shall be filed with the Operational Area Manager as described in Section H of this Agreement, no later than July 1st of each year.

f. **Line of Succession.** In the event that neither the designated initial response Coordinator nor either of the designated alternates is available to serve in the capacity of the initial response Coordinator, the following line of succession shall be used to ensure continuity of Operational Area operations during times of emergency:

1) **Law Enforcement Mutual Aid Coordinator and two designated alternates.**

2) **Fire and Rescue Mutual Aid Coordinator and two designated alternates.**

3) **Public Works Mutual Aid Coordinator, and two designated alternates.**

4) **Health Care Agency Mutual Aid Coordinator and two designated alternates.**

(2) **Unified Command and Joint Operational Area Coordinator.** Where appropriate, the Coordinator shall use a unified command, which is standard procedure for emergencies which involve multiple jurisdictions or professional disciplines.

(3) **Successor to the Initial Response Operations Coordinator.** Due to the changing circumstances and requirements of emergencies, especially in transition from the response to and recovery from an emergency, the Executive Board is hereby given authority to appoint successor Operational Area Coordinator(s) to succeed the initial response Operational Area Coordinator designated pursuant to Section G (1) of this Agreement. The successor Coordinator(s) shall have the

same powers and duties as the initial response Coordinator, as specified in Section G (4) of this Agreement.

(4) Powers and Duties. The Coordinator shall direct and coordinate the Operational Area during times of emergency. The Coordinator shall have the following duties and powers:

a. Direction and Coordination. Serve as key decision maker, in the Operational Area Emergency Operations Center providing direction and coordination necessary to accomplish the purposes of this Agreement and responsibilities of the Operational Area Lead as specified in Title 19 California Code of Regulations Section 2409 (e).

b. Operational Area Representative. Represent the Operational Area in all dealings with the public or private agencies on matters pertaining to emergencies as defined herein.

c. Emergency Public Information. Appoint a Public Information Officer to coordinate the dissemination of all emergency information, press releases, and public statements, to prevent conflicting information, misinformation, and the initiation of rumors, as appropriate to the type of emergency confronting the Operational Area.

d. Emergency Proclamations. Each SUBDIVISION shall retain the powers and responsibilities granted by law to proclaim an emergency in its jurisdiction, according to procedures set forth by the jurisdiction. The COUNTY Board of Supervisors shall retain the powers and responsibilities granted by law to proclaim an emergency in the County geographic area, according to procedures set forth in COUNTY Ordinance No. 3915 Section 3-1-6 of the Codified Ordinances of the County of Orange and COUNTY Board of Supervisors Resolution 95-386, as presently existing or as hereafter amended.

H. CREATION OF POSITION AND POWERS AND DUTIES OF OPERATIONAL AREA MANAGER:

(**1**) **Operational Area Manager.** The position of the Operational Area Manager is hereby created. The Operational Area Manager shall be the COUNTY Emergency Manager as specified by COUNTY Ordinance No. 3915, Section 3-1-6 of the Codified Ordinances of the County of Orange and COUNTY Board of Supervisors Resolution 95-386, as presently existing or as hereafter amended.

(**2**) **Powers and Duties.** The Operational Area Manager shall have the following powers and duties:

a. **Staff to the Operational Area Executive Board.** Serve as staff to the Executive Board, maintain close liaison with the Executive Board, and coordinate all activities of assigned Operational Area staff with the Executive Board.

b. **Daily Coordination and Assistance.** Direct the daily coordination and cooperation between the Operational Area staff and the Operational Area Emergency Organization, and Executive Board Subcommittees, including OCEMO. Resolve questions of authority and responsibility that may arise between them, and work closely with and assist the Executive Board, as required.

c. **Emergency Operations Center Maintenance.** Maintain the Operational Area Emergency Operations Center in a constant state of readiness, providing staff as needed to support the Emergency Operations Center operations during times of emergency in order to coordinate emergency information between the COUNTY and all SUBDIVISIONS, state and federal agencies, and volunteer organizations.

d. **Notification of Emergency Operation Center Activation.** Notify the Executive Board and Board of Supervisors of an Emergency Operations Center activation as soon as practical, and keep the Executive Board and Board of Supervisors informed on all aspects of a current emergency situation as soon as information becomes available.

e. **OCEMO Support.** Provide support to the OCEMO Representative Board for agendas and minutes only. Staff support to OCEMO Committees shall be provided by OCEMO members.

f. **Budget and Staffing.** Develop an annual operating budget and staffing recommendations and monitor the Operational Area expenditures at the direction of and for the approval of the Executive Board.

g. **After Action Reports.** Coordinate with OCEMO the development of after action reports for the Executive Board, following emergencies in which the Operational Area is activated.

I. OPERATIONAL AREA EMERGENCY PLAN: Under the direction of the Executive Board, OCEMO shall be responsible for ensuring the development and maintenance of the Operational Area Emergency Plan, which shall provide for the effective mobilization of all of the resources of the Operational Area, both public and private, to meet any condition constituting an emergency; and shall provide for the organization, powers and duties, and staff of the Operational Area Emergency Organization as described in Section M of this Agreement.

(1) **Compliance.** The Operational Area Emergency Plan shall comply with applicable local, state and federal planning criteria, analyze the risks faced by the

Operational Area, assign functional responsibilities to Mutual aid organizations, COUNTY agencies/departments, SUBDIVISIONS, and personnel, and assign lines of succession for the members of the Operational Area Emergency Organization.

(2) Functional assignments. The Operational Area Emergency Plan shall include the functions assigned to the mutual aid organizations, COUNTY agencies/departments and SUBDIVISIONS, and it shall be the responsibility of the agency/department heads and SUBDIVISIONS to appoint coordinators who shall report to the Emergency Operations Center and carry out the assigned duties as appropriate.

(3) Adoption. The Emergency Plan shall not be effective until adopted by the Executive Board and a majority of all Council members.

J. COUNTY SPECIFIC RESPONSIBILITIES. The COUNTY shall act as the Operational Area Lead Agency. The Operational Area Lead Agency shall have the following responsibilities to the Operational Area in addition to those member responsibilities specified under Section K of this Agreement:

(1) 24 Hour Contact Point. The COUNTY shall provide the 24 hour contact point for the Operational Area and act as lead in activating the Operational Area Emergency Operations Center, hereinafter referred to as "OAEOC".

(2) Operational Area Emergency Operations Center. The COUNTY Emergency Operations Center located at 2644 Santiago Canyon Road, in Silverado, California and Alternate Emergency Operations Center, as designated, shall serve as the OAEOC.

(3) Initial EOC Activation Staffing. The COUNTY shall provide initial OAEOC activation staff. SUBDIVISIONS with available resources shall provide secondary and relief OAEOC staffing.

(4) EOC Maintenance. COUNTY Emergency Management staff shall be responsible for ensuring the OAEOC is maintained in a state of constant readiness.

(5) Operational Area Council Executive Board Support. The COUNTY shall provide support to the Executive Board for agendas and minutes for meetings and coordinating follow up only. Staff support to Subcommittees and Technical Advisory Groups shall be provided by Council members and their representatives.

(6) OCEMO Support. The COUNTY shall provide support to the OCEMO Representative Board for agendas and minutes only. Staff support to OCEMO Committees shall be provided by OCEMO members.

K. OPERATIONAL AREA COUNCIL MEMBER RESPONSIBILITIES: Members of the Operational Area Council shall have the responsibilities as set forth below:

(1) Participation. Actively participate as a member in the Council, Executive Board if designated, Subcommittees and Technical Advisory Groups including OCEMO, and in the Operational Area Emergency Organization, including providing staff to support the work of the Executive Board, Subcommittees and Technical Advisory Groups.

(2) Emergency Plan and Organization. Maintain an emergency plan and organization to provide for the emergency needs in the SUBDIVISION according to SEMS, and coordinate with and, where able, support other SUBDIVISIONS, the COUNTY, and the OAEOC.

(3) Emergency Management Program. Develop an emergency management program which shall provide for the needs of the SUBDIVISION, which shall be complementary to and compatible and coordinated with the needs of the Operational Area in the event of an emergency.

(4) Emergency Assistance. Provide assistance during an emergency:

a. Capabilities and Agreements. SUBDIVISIONS shall offer assistance within the limits of capabilities and according to applicable mutual aid agreements.

b. EOC Staffing. SUBDIVISIONS with available resources shall provide secondary and relief OAEOC staffing.

(5) Resource list. Maintain a current resource listing of the facilities, equipment and supplies available in the jurisdiction for use in the event of an emergency.

(6) Cooperation. Promote cooperation among all SUBDIVISIONS in order to improve the overall Operational Area emergency management program.

(7) Training and Exercises. Assure training and exercises within the SUBDIVISION and Operational Area, maintain a thorough knowledge of the Operational Area Emergency Plan and ensure that the supporting services and key personnel are properly trained and organized to meet all of their responsibilities in the event of an emergency.

(8) Emergency Notifications. Ensure that internal and Operational Area emergency notification lists are kept current.

(9) Procedures. Develop SUBDIVISION procedures which outline the steps necessary to complete tasks as a member of the Operational Area.

(10) Critical Personnel. Identify at least two alternates for each person deemed critical to SUBDIVISION and Operational Area operations, either to serve in the capacity of the primary contact when (s)he is not available, or to facilitate 24 hour operation when needed in times of emergency.

L. OPERATIONAL AREA EXPENSES AND REVENUES

(1) Minimum costs/efficiency. All costs shall be kept to a minimum, and efficiencies in use of staff, materials, etc. shall be a priority.

(2) Costs of Operational Area EOC Emergency Activation. The COUNTY declares its willingness to provide the Operational Area 24 hour contact point, the OAEOC and initial OAEOC staffing, and to activate the OAEOC as required by SEMS as set forth in Section N (4) of this Agreement. The COUNTY shall exercise prudence in the staffing and level of activation, and shall deactivate the OAEOC when requested by SUBDIVISION(s) or as soon as practical, as allowed by law. The COUNTY is to act as a member of the Operational Area only and shall not be solely responsible for the costs of activating the OAEOC. The Executive Board shall be responsible for the development of policy and procedures similar to other mutual aid agreements where in SUBDIVISION(s) requiring activation of the OAEOC shall be responsible for reimbursement of the COUNTY and other SUBDIVISIONS for the cost of activation, if the COUNTY does not activate the OAEOC for its use, and cannot legally declare an emergency for the purposes of reimbursement from the State or Federal governments.

(3) Operational Area Administrative Expenses. The Executive Board shall be responsible for acquisition and distribution of Emergency Management Assistance grant funds, and any other funds, to cover the administrative costs of the Operational Area, including any reimbursement to the COUNTY for services requested of the COUNTY pursuant to this subsection. The Executive Board shall be responsible for determining the potential source of, and for acquiring funds or staff time to match the grant(s). The COUNTY shall provide administrative staffing for the Operational Area, as determined by the Executive Board and/or Council in the annual budget, to carry out the duties as delineated in Section H of this Agreement. The COUNTY is to act as a member of the Operational Area only and shall not be solely responsible for the costs of administering the Operational Area.

(4) Emergency Expenses. During emergencies, all Parties shall be expected to participate, according to mutual aid and other agreements, and to the maximum extent possible, with the understanding that during an emergency the priority is life, safety, property and the environment, regardless of which jurisdiction is impacted.

(5) Emergency Aid to Parties. Nothing herein shall be construed to restrict or control any Party's right or ability to apply for or receive emergency aid, loans or

grants from any source including the State and Federal government. Neither any Party nor the Operational Area shall have any claim upon or interest in any emergency aid funds obtained by any other Party for it's emergency expenses, with the exception that SUBDIVISIONS may be responsible for reimbursement of OAEOC activation costs as set forth in Section (L) of this Agreement.

M. DESCRIPTION, FUNCTION AND DUTIES OF THE OPERATIONAL AREA EMERGENCY ORGANIZATION

(1) Description. All officers and employees of the Parties, together with those volunteer forces enrolled to aid them during an emergency, and all groups, organizations, and persons who may by agreement or operation of law, including persons pressed into service under the provisions of COUNTY Ordinance No. 3915 Section 3-1-6 of the Codified Ordinances of the County of Orange as presently existing or as hereafter amended, shall constitute the Operational Area Emergency Organization, and shall be charged with duties incidental to the protection of life and property in the Operational Area during times of emergency.

(2) Functions and Duties. The functions and duties of the Operational Area Emergency Organization shall be distributed among such Mutual aid organizations, COUNTY agencies/departments, SUBDIVISIONS, and staff as the Operational Area Emergency Plan shall prescribe. The form of the organization, titles and terminology shall conform to SEMS.

N. ACTIVATION OF THE OPERATIONAL AREA EMERGENCY OPERATIONS CENTER

(1) Location. The COUNTY Emergency Operations Center located at 2644 Santiago Canyon Rd., Silverado, California, or alternate as designated, shall serve as the OAEOC. Communication connection to the OAEOC shall be the responsibility of each SUBDIVISION and Mutual aid Coordinator or their representative.

(2) Virtual Operational Area EOC. The OAEOC shall be used as the communication and coordination center and in so far as possible, function as a virtual OAEOC, utilizing any available telecommunication resources so that Parties may communicate without collocation. However, to ensure communication, it may be necessary for representatives and any support staff they may require to be present at the OAEOC. SUBDIVISIONS not present shall be responsible for establishing direct contact with the OAEOC.

(3) Staff for the Operational Area Emergency Operations Center

a. OAEOC Maintenance. COUNTY Emergency Management staff shall be responsible for ensuring the OAEOC is maintained in a state of constant readiness.

b. **Initial Activation and Beyond.** The COUNTY shall provide initial OAEOC activation staff. SUBDIVISIONS with available resources shall provide secondary and relief OAEOC staffing. emergency management or other mutual aid shall be used to staff the OAEOC as necessary.

c. **Mutual Aid Coordinators.** Mutual Aid Coordinators may be present in the OAEOC, but if not present, shall be responsible for establishing direct contact with the OAEOC.

(4) Required Activation:

a. **Support to Emergency.** The Operational Area functions as support to the local government and field response and does not command the emergency response directly.

b. **Conditions.** Activation of the OAEOC is required by SEMS, Title 19 California Code of Regulations Section 2409 (f), under the following conditions:

1) **On Request.** "A local government within the Operational Area has activated its EOC and requested activation of the Operational Area to support their emergency operations."

2) **Two City Local Emergency.** "Two or more cities within the Operational Area have declared or proclaimed a local emergency."

3) **COUNTY and City Local Emergency.** "The County and one or more cities have declared or proclaimed a local emergency."

4) **Request for Governor's Proclamation.** "A city, city and County, or County has requested a governor's proclamation of a state of emergency, as defined in Government Code 8558(b)."

5) **State of Emergency.** "A state of emergency is proclaimed by the governor for the County or two or more cities within the Operational Area."

6) **Request for Outside Resources.** "The Operational Area is requesting resources from outside its boundaries, except those resources used in normal day-to-day operations which are obtained through existing agreements providing for the exchange or furnishing of certain types of facilities and services on a reimbursable, exchange, or other basis as provided for under the Master Mutual Aid Agreement."

7) **Request for Operational Area Resources.** "The Operational Area has received resource requests from outside its boundaries, except those resources used in normal day-to-day operations which are obtained through existing agreements providing for the exchange or furnishing of certain types of facilities and services on a reimbursable, exchange, or other basis as provided for under the Master Mutual Aid Agreement."

c. **Activation Levels.** The OAEOC activation levels are described below:

1) **Activation Level One.** Level One shall mean activation of the OAEOC at a minimum level with COUNTY emergency management staff to prepare the OAEOC and notify the Operational Area Emergency Organization and coordinate information among the members of the Operational Area and with Regional State officials as required by SEMS.

2) **Activation Level Two.** Level Two shall mean partial activation of the OAEOC, staffed by the Operational Area Coordinator or alternate, COUNTY emergency management personnel, along with personnel from COUNTY agencies/departments and other personnel selected to meet the functional needs of the emergency Operational Area Emergency Organization during times of emergency.

3) **Activation Level Three.** Level Three shall mean full activation of the OAEOC, including all personnel as indicated at level two plus the Executive Board, who shall serve as the Policy Group to advise the Coordinator on the use of resources in response to the disaster, establish policies, rules and regulations regarding the disaster and the subsequent recovery operations, and prioritize resources to effectively mitigate the disaster.

O. EFFECTIVE DATE: This Agreement shall become effective upon the approval and execution by the COUNTY Board of Supervisors and at least one SUBDIVISION. Any SUBDIVISION in Orange County may become a Party hereto by executing this Agreement. Notice shall be provided to the COUNTY upon a SUBDIVISION's execution of this Agreement as indicated in Section T of this Agreement.

P. WITHDRAWAL: Any Party may withdraw from this Agreement by providing written notice to the COUNTY. Said notice shall be given 30 days before withdrawal from this Agreement.

Q. SUSPENSION OF VOTING PRIVILEGES: In the event Operational Area fees are adopted, a Party's failure to pay said fees within 60 days after said fees become due, shall result in the immediate suspension of that Party's voting privileges in matters considered by any body,

board, subcommittee, committee, or group established by this Agreement. Voting privileges shall be restored upon payment.

R. INDEMNIFICATION: Each Party shall defend, indemnify and hold harmless the other Parties, and their officers, agents, employees and representatives from any and all losses, liability, damages, claims, suits, actions, administrative proceedings, demands, and litigation, and all expenses and costs relating to acts or omissions of the indemnitor, its officers, agents, employees, or representatives arising out of or incidental to performance under this Agreement. No Party assumes liability for the acts or omissions of persons other than that Party's respective officers, agents, employees or representatives.

S. COUNTERPARTS: This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same instrument.

T. AMENDMENT: This Agreement may not be amended or modified except in a writing executed by a majority of all Parties.

ORANGE COUNTY

OPERATIONAL AREA AGREEMENT

Clarification of Operational Area, Operational Area Executive Board, and Operational Area Coordinator Roles and Responsibilities

Addendum 1

CLARIFICATION OF OPERATIONAL AREA ROLES AND RESPONSIBILITIES

The Operational Area Agreement and Emergency Plan are based on the policies established by the SEMS Regulations; in regard to the role of the Operational Area Coordinator (OAC), Operational Area Executive Board (Executive Board), Operational Area Council (OA Council) and overall Operational Area (OA) operations.

OPERATIONAL AREA- PURPOSE, RESPONSIBILITIES AND AUTHORITIES

WHERE	WHAT
SEMS Regulations 2403 (3)	OA level manages and/or coordinates information, resources, and priorities among local government within the OA and serves as coordination and communication link with Region.
SEMS Regulations 2409 (e) (3)	The lead agency of the OA shall: Use multi-agency or interagency coordination to facilitate decisions for overall OA level emergency response activities.

Contrast of Authorities between Field Response and OA

SEMS Regulations 2405 Field Response Level (1) (A)	Command is the directing, ordering and controlling of resources by virtue of explicit legal, agency, or delegated authority.
SEMS Regulations 2409 (a)	OA Level is used by the county and political subdivisions for the coordination of emergency activities and to serve as a link in the system of communications and coordination between the state's emergency operations centers and the operations centers of the political subdivisions.
SEMS Regulations 2409(e) (1)and (2)	The lead agency of the OA shall: Coordinate information, resources and priorities among the local governments and between the regional level and local government level. "Coordination of Fire and Law Enforcement resources shall be accomplished through their respective mutual aid systems".
OA Emergency Plan Management Section Annex A pg 2 ALSO: OA Emergency Plan Management Section Annex A pg 7 III D 4 a	The OA is a communication and coordination point that provides support for Mutual Aid Coordinators, OA members and the State. It does not command or control emergency operations.

EXECUTIVE BOARD RESPONSIBILITIES AND AUTHORITIES

The Executive Board is responsible for working with the OAC in setting OA policy and priorities, is notified, convened and co-located with the OAC in the Command Center, is responsible to represent their appointing organizations and the expertise, resources and policies of their organizations and to convene a MACS as appropriate.

WHERE	WHAT
OA Emergency Plan Management Section Annex A Enclosure A-1 pg 1 II A 2	Support the OAC by providing policy and priority advice and by convening a MACS as appropriate.
OA Agreement pg 4 F (1) c	Convene the OA Council (Multi-Agency Coordination System).
ALSO: OA Emergency Plan Management Section Annex A pg 5 III A 5 AND: OA Emergency Plan Management Section Annex A Enclosure A-1 pg 15 IV A	
OA Agreement pg 3 F (1) b AND: pg 5 F (2) b	Identify OA policy issues for submittal to OA Council.
OA Agreement pg 4 F (2) a	Represent expertise and interests of Mutual Aid, jurisdictional, and professional disciplines.
OA Agreement pg 5 F (2) b	Oversee OA Manager Develop OA policies and Emergency Plan Develop OA Budget Review and impact legal requirements
OA Agreement pg 5 F (2) b 4)	Advise OA Council on Recovery
OA Agreement pg 7 F (2) b 5) AND: pg 14 G (3)	Appoint successor to the initial response OAC.
OA Emergency Plan Management Section Annex A pg 9 III 4 d	OAC responsibilities may be transferred at the discretion of the Executive Board. Due to changing requirements of emergencies, the Executive Board may appoint successor OAC(s).

EXECUTIVE BOARD RESPONSIBILITIES AND AUTHORITIES, CONT.

WHERE	WHAT
OA Agreement pg 12 F (2) d	Review the emergency situation and make and receive appropriate recommendations to the OAC and OA Council.
OA Agreement pg 16 H (2) d	Be notified and keep apprised of the emergency situation.
OA Agreement pg 21 L (3) c	Mutual Aid Coordinators may be present, but if not present, shall be responsible for establishing direct contact with the OA EOC.
ALSO: OA Emergency Plan Management Section Annex A pg 7 III D 3 c	
OA Emergency Plan Management Section Annex A AND: Enclosure A-3 pg 4	Executive Board is convened in the Command Center with the OAC to ensure communication and coordination.
OA Emergency Plan Management Section Annex A Enclosure A-4 pg 3 and continuing	Executive Board is notified of activation of the EOC, is kept apprised of the situation and is convened by the Chair as appropriate.
OA Agreement pg 23 N (4) c 3)	Activation Level Three shall mean full activation the OA EOC, including the Executive Board, to advise the OAC on the use of resources in response to the disaster, establish policies, rules and regulations regarding the disaster and the subsequent recovery operations and prioritize resources to also effectively mitigate the disaster.
ALSO: OA Emergency Plan Management Section Annex A pg 8 III D 4 c 3) which continues:	The Executive Board and OAC will be responsible for establishing a MAC including representatives of affected jurisdictions as appropriate.
OA Emergency Plan Management Section Annex A Enclosure A-1 pg 6 III C	Description of duties
Appendix A-2	Executive Board EOC Checklist

OAC RESPONSIBILITIES AND AUTHORITIES

The OAC is responsible for direction of the OA EOC, for working with the Executive Board in setting OA policies and priorities, and ensuring coordination and communication of policy decisions, resource needs and priorities between OA members and the State throughout the emergency.

WHERE	WHAT
OA Emergency Plan Management Section Annex A Enclosure A-1, pg 1 II A 1	OAC is responsible for management of the OA EOC and overall coordination and communication between the OA members and the state.
OA Agreement pg 14 G (2)	Where appropriate, the Coordinator shall use a unified command, which is standard procedure for emergencies which involve multiple jurisdictions or professional disciplines.
ALSO: Operational Area Emergency Plan Management Section Annex A pg 4 III A 3 e	
OA Agreement pg 14 G (4) a	Direct and coordinate the Operational Area, serve as key decision maker in the OA EOC, providing direction and coordination necessary to accomplish the purposes of the OA Agreement and responsibilities of OA lead agency as specified by SEMS Regulations 2409 (e) see citation above).
OA Emergency Plan Management Section Annex A pg 2 III A	The OA emergency organization is managed by the OAC who reports to the OA Council. The OAC is supported by advice from the Executive Board and affected jurisdictions in a MACS.
OA Emergency Plan Management Section Annex A pg 4 III A e, following paragraph	The initial response OAC authorizes full activation of the OA EOC and responds when appropriate to serve as key coordinator; providing direction and coordination necessary to accomplish the responsibilities of the OA EOC.
OA Agreement pg 23 N (4) c 3)	Activation Level Three shall mean full activation of the OA EOC, including the Executive Board, to advise the OAC on the use of resources in response to the disaster, establish policies, rules and regulations regarding the disaster and the subsequent recovery operations and prioritize resources to also effectively mitigate the disaster.
ALSO: OA Emergency Plan Management Section Annex A pg 8 III D 4 c 3) which continues:	The Executive Board and OAC will be responsible for establishing a MAC including representatives of affected jurisdictions as appropriate.

OAC RESPONSIBILITIES AND AUTHORITIES, CONT.

WHERE	WHAT
OA Agreement pg 14 G (4) b	Represent the OA in dealings with public or private agencies.
OA Agreement pg 15 G (4) c	Appoint OA Public Information Officer.
ALSO: OA Emergency Plan Management Section Annex A Enclosure A-1pg 4 IIIB AND: Appendix A-1	Description of duties. OAC EOC Checklist.

ORANGE COUNTY

OPERATIONAL AREA AGREEMENT

Addendum 2

ORANGE COUNTY OPERATIONAL AREA POLICY AND PROCEDURE

Subject:
Operational Area Administration Financing (including Use of Emergency Management Assistance Program Grant).

Reference:
Operational Area Agreement Section L (2), page 19.

Background:
The Operational Area Executive Board is responsible to prepare a strategic plan and budget for the Operational Area annually, including how the Operational Area will be financed and use of any grant funds.

Policy:
All grant funds received will be used for the benefit of the Operational Area. Administrative services for the Operational Area will have the first priority for grant funding, as approved by the Operational Area Executive Board. Remaining grant funds will be distributed by the Operational Area Executive Board, consistent with the requirements of the grant funding agency. The goal of any distribution of grant funds shall be to maximize funds for program implementation and minimize costs for accounting and administering the grants.

Procedure:
1. The Operational Area Manager shall present an annual administrative budget for review and approval of the Operational Area Executive Board based on the Board's approved strategic plan.
2. The Operational Area Manager shall present a report on any grant funds available and the requirements to receive the grant.
3. The Executive Board shall have responsibility to approve the budget.
4. The Executive Board shall determine how grant funds will be distributed, with first priority being given to the administrative budget.
5. Grant funds available after Operational Area administrative costs are covered shall be distributed at the discretion of the Board, consistent with the requirements of the grant funding agency.

1997 Proposed EMA Grant Funds Distribution 6/20/97

The proposed Operational Area EMA Grant Guidelines are as follows. The assumption is that this grant requires a dollar for dollar match by each organization receiving funds.

1. Only the Operational Area Lead Agency and the 31 cities are eligible to apply for EMA funding.
2. To become an eligible city, the city representative must attend at least half of the OCEMO meetings per year.
3. To become an eligible city, the city must activate its EOC annually either for an actual occurrence or an exercise.
4. To become an eligible city, the city must participate in an Operational Area functional exercise at least once a year.
5. If in the future, funding cuts occur, the OA Lead Agency will receive and is required to match no more than 50% of the total allotment for Orange County. In FY 1997/98 the OA Lead Agency is anticipated to receive $115,773 of an estimated $246,319 allocation.
6. All total city EMA funds will be divided by city population between the cities that are participating in the EMA funding program. Cities must complete the Orange County Operational Area EMA Application Form. Each approved city must compete the Orange County Operational Area EMA activities Form which must be attested to by the City Manager or designee. These forms must be submitted to the OA Executive Board and approved to receive EMA funding.
7. Funding is available regardless of membership status in the Operational Area.
8. The hours to be devoted to emergency management will be determined by state guidelines. The State has required that a city must have at least a 50% employee (20 hours per week) devoted to emergency management. Should the State or FEMA eliminate this criteria, each city should at least identify an employee who will be responsible for the above criteria.

Orange County Operational Area EMA Application Form
For the period October 1, 1999-September 30, 2000

It is hereby agreed that the City of _____ shall meet the following requirements to receive an Emergency Management Assistance Program Grant:

1. The city representative, _____ , will attend at least half of the OCEMO meetings per year.

2. The city will activate its EOC this year for an exercise, unless it is activated for an actual emergency.

3. The city will participate in the Operational Area functional exercise this year.

4. The City will receive a per capita allocation of the total funds available to cities, dependent upon the number of cities that are participating in the EMA funding program. The city will complete the Orange County Operational Area EMA activities Form which must be attested to by the City Manager or designee. The form will be submitted to the OA Executive Board and approved before any EMA funding will be received.

City Manager Signature: _____ Date:_____

Orange County Operational Area EMA Activities Form
For the period October 1, 1998 - September 30, 1999

The City of _____ certifies that it has met the following requirements to receive an Emergency Management Assistance Program Grant:

1. The city representative attended at least half of the OCEMO meetings per year.
   Name: _____
   Meetings Attended (Dates):

2. The city activated its EOC this year for an exercise on _____,
   Or the city activated its EOC for an actual emergency on _____.

3. The city participated in the Operational Area functional exercise this year by:
   (check all that apply)
   ___activating its EOC
   ___providing staff for the OA EOC
   ___providing staff for other jurisdiction's EOCs
   ___providing controllers, simulators or evaluators
   ___participating in the OA Exercise Design Committee

4. The City anticipates receipt of $_____, per the allocation letter received. This is a per capita allocation of the total funds available to cities, dependent upon the number of cities that are participating in the EMA funding program.

5. The city has met the state requirement for hours to be devoted to emergency management. (The State has required that a city must have at least a 50% employee [20 hours per week] devoted to emergency management.), or (if there are no state requirements), the city identified _____ as the employee who was responsible for the above criteria.

Submittal of this form is a request for approval by the OA Executive Board for disbursement of the allocated EMA funding.

Attest: _____ Date: _____
(City Manager or Designee)

ORANGE COUNTY

OPERATIONAL AREA AGREEMENT

MUTUAL AID PLAN

Addendum 3

ORANGE COUNTY OPERATIONAL AREA POLICY AND PROCEDURE

Subject:
Operational Area Emergency Operations and Mutual Aid Financing

Reference:
Operational Area Agreement Section L (2), page 19.

Background:
The Operational Area Executive Board is responsible to approve plans and procedures for the Operational Area emergency operations. It was identified that a policy to ensure OA EOC costs are controlled and allocated would be advantageous to all of the Operational Area members. In addition, it was determined that a mutual aid policy which allowed sharing of human resources beyond those covered by currently existing mutual aid agreements would be desirable both in staffing the OA EOC and other emergency response locations and organizations.

Policy:
Mutual Aid is requested and provided because it is needed to respond to an emergency, not because it is anticipated that local government will be reimbursed by state or federal disaster funds.

Any legally required Operational Area EOC activation lasting less that 12 hours will be provided at no cost to the requesting jurisdiction. Beyond this initial 12 hour activation period, all personnel and equipment costs associated with the emergency shall be the responsibility of the requesting agency, including direct, indirect and equipment costs.

Reimbursement claims will be handled by the responding jurisdiction invoicing the requesting jurisdiction for all actual costs, including direct, indirect and equipment costs. Individuals providing Mutual Aid will be responsible for maintaining their own logs time sheets, travel claims and other documentation necessary for reimbursement, this documentation will be submitted to the agency who will invoice the requesting jurisdiction.

Upon notification of the request for the activation of the OA EOC, the Operational Area Manager shall discuss the level of activation and staffing with the requesting jurisdiction. After activation, the requesting jurisdiction will also be responsible for determining whether a second shift will be necessary and the level of activation and staffing required.

Procedure:

1. The Operational Area activation procedure is found in Appendix D-1 of the Operational Area Emergency Plan.

2. The Operational Area Mutual Aid Plan is attached.

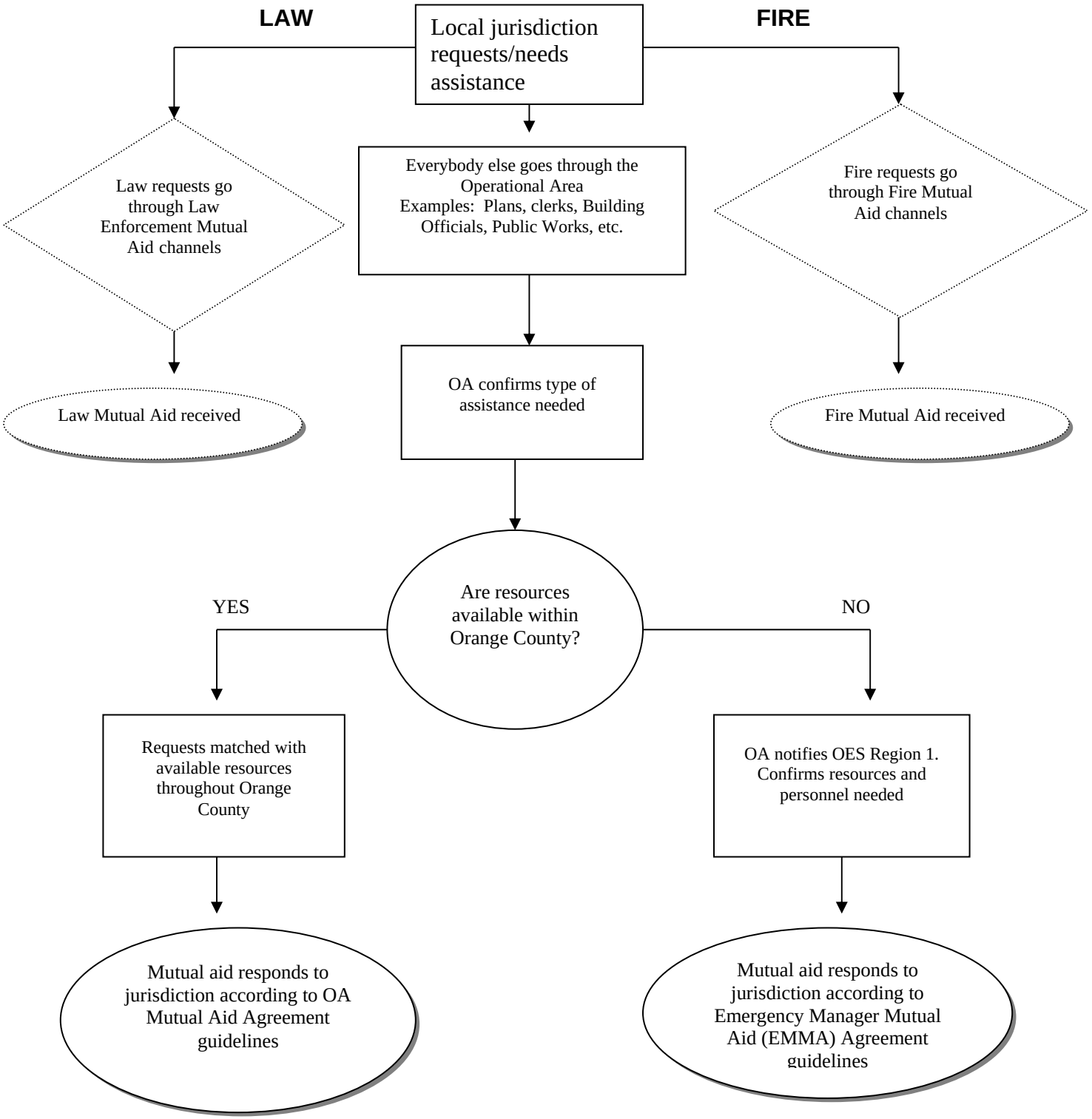
ORANGE COUNTY

OPERATIONAL AREA

MUTUAL AID PLAN

APPROVED: August 20, 1997

OPERATIONAL AREA
MUTUTAL AID DIAGRAM



OPERATIONAL AREA MUTUAL AID POLICY

This policy has three parts: Part One outlines the policy and procedures; Part Two contains more specific checklists; and Part Three contains forms.

PART ONE

I. Introduction

A. Purpose

The purpose of the Operational Area Mutual Aid Policy (OAMA) is to support disaster operations in the Operational Area EOC and effected Orange County jurisdictions by coordinating and providing mutual aid assistance as requested and necessary.

B. Objectives

1. Provide emergency response and management personnel to support local jurisdictions and the Operational Area.

2. Coordinate reception, assignment and training of assigned personnel.

3. Maintain the Operational Area Mutual Aid Policy.

4. Coordinate training for Operational Area response personnel through SEMS training, emergency management course work, exercises and actual emergency response.

II. Background

In 1995, an Operational Area was formed by the Orange County Board of Supervisors to meet the needs and requirements of the Standardized Emergency Management System (SEMS). All cities, special districts and the County in the County of Orange were included as potential members in this agreement, each carrying an equal vote. One of the understandings inherent in this agreement is that all political subdivisions face the potential for emergencies that exceed their capability to respond. Further, it is recognized that the protection of life, property and environment are of first importance, regardless of which jurisdiction is impacted. This policy is designed to provide detailed procedures for use of mutual aid resources within Orange County in the event of an emergency.

III. Authorities

- California Master Mutual Aid Agreement

- Sections 2400-2450 of Title 19, Division 2 of the *California Code of Regulations* (Standardized Emergency Management System)
- California Emergency Services Act
- *California Labor Code*, Section 3211.92 (Disaster Services Worker)
- Operational Area Agreement of the County of Orange and Political Subdivisions

IV. Assumptions

The Operational Area Mutual Aid Policy is based on the following assumptions:

A. The main tenet of Mutual Aid operations is that there is full commitment of resources by the requesting jurisdiction prior to the initiation of a mutual aid request. This does not require actual exhaustion of all resources but it does anticipate full mobilization and commitment to the emergency.

B. During a Board of Supervisor's Concurrence, a Governor's Proclamation of a State of Emergency or a Presidential Disaster Declaration, the OA Manager will designate an OAMA Coordinator. The OAMA Coordinator will facilitate coordination and assignment of OA resources.

C. Requests for mutual aid will follow normal Mutual Aid channels consistent with the California Master Mutual Aid Agreement and SEMS.

D. Other discipline specific Mutual Aid agreements established outside of this agreement shall take precedence over this agreement (fire, law, medical/health, etc.).

E. Local government must use SEMS in order to be eligible for state funding of response related costs pursuant to activities identified in the California Code of Regulations. Associated costs incurred by the jurisdictions providing assistance may be eligible for reimbursement as part of "emergency protective measures." These measures are described in the National Disaster Assistance Act (NDAA) when a state of emergency has been declared, and by PL 93-288 when there is a Presidential Declaration.

V. Organization

The OAMA system is composed of emergency management and response personnel from local jurisdictions in the Orange County Operational Area.

A. The County, cities and special districts will forward their requests for Mutual Aid to the Operational Area.

B. The Operational Area will act as the coordination point for the County, cities and special districts within its boundaries.

C. If a request for assistance cannot be met within Orange County, the request will be forwarded to the designated local OES Region Office.

VI. Policies and Procedures

A. General

1. Mutual Aid is requested and provided because it is needed to respond to an emergency, not because it is anticipated that local government will be reimbursed by state or federal disaster funds.

2. Any legally required Operational Area EOC activation lasting less than 12 hours will be provided at no cost to the requesting jurisdiction. Beyond this initial 12-hour activation period, all personnel and equipment costs associated with the emergency shall be the responsibility of the requesting agency, including direct, indirect, and equipment costs.

3. Mutual Aid between local jurisdictions will normally be free for the first 12-hour period, unless costs are otherwise agreed upon by both the requesting and the responding agencies. When Mutual Aid assistance between jurisdictions within the Operational Area exceeds the initial 12-hour response period, the requesting agency agrees to pay the responding agency at their actual cost, including direct, indirect and equipment costs.

4. Reimbursement claims will be handled by the responding jurisdiction invoicing the requesting jurisdiction for all actual costs, including direct, indirect and equipment costs. Individuals providing Mutual Aid will be responsible for maintaining their own logs, time sheets, travel claims, and other documentation necessary for reimbursement. This documentation will be submitted to their agency who will invoice the requesting jurisdiction.

B. Personnel

1. Minimum criteria for selection of personnel will be completion of the Introduction to SEMS course.

2. All Mutual Aid personnel will receive a general information sheet prior to being dispatched to an assignment. (See Part 3 of the Operational Area Mutual Aid Policy, Dispatch Checklist).

3. Upon arrival, the requesting jurisdiction will brief assigned personnel and provide a procedure manual, all paperwork, tools, and equipment necessary to perform OAMA tasks.

4. The requesting jurisdiction may provide identification badges to OAMA personnel upon their arrival. There is no requirement for special identification.

5. Consistent with the organizational structure of SEMS, the position of OAMA coordinator will be a part of the OA Logistics Section (Personnel Branch).

C. Liability

1. Mutual Aid personnel provided under the OAMA policy are public employees, who during disaster situations are considered Disaster Service Workers. Work-related injuries to OAMA personnel will be handled by the responding jurisdiction under Workers' Compensation that may include the Disaster Service Worker program. All public employees are considered Disaster Service Workers during disaster situations.

2. OAMA personnel act as agents of the requesting jurisdiction, who shall hold harmless the responding jurisdiction from all acts and omissions by their staff while in the services of the requester.

3. The coverage for damage to a personal or local jurisdiction's vehicle, when the vehicle is being used during an assignment, will be provided for by the requesting jurisdiction. Normal wear and tear is excluded. Any claim for damage may be included in reimbursement claims to the requesting jurisdiction.

D. Reimbursable Costs

1. Unless other arrangements are made, reimbursable time begins 12 hours after check in at the assigned Emergency Operations Center (or other assigned location). It includes all actual costs - direct, indirect and equipment costs.

2. Reimbursable travel begins 50 miles from point of departure, whether it is home or work.

3. The requesting jurisdiction is responsible for providing reasonable lodging or reimbursing the responding jurisdiction for lodging expenses. This includes food and reasonable miscellaneous expenses.

E. Procedures for Reimbursement

1. The requesting jurisdiction's Finance Section or designated agency will provide the responding personnel with all of the necessary forms for the responding jurisdiction's designated Finance Department to complete for reimbursement. Necessary instructions will be given to the responding personnel enabling them to keep accurate records.

2. The responding jurisdiction will provide expedient billing information to the requesting jurisdiction.

3. The requesting jurisdiction will process any requests for reimbursement through their Finance Section.

4. The responding jurisdiction is responsible for providing timely reimbursement for their own personnel.

5. The requesting jurisdiction will provide reimbursement to the responding jurisdiction, not to individuals.

6. Record keeping will be consistent with the conditions of the Natural Disaster Assistance Act (NDAA) and the Stafford Act (PL 93-288).

F. Training

1. All OAMA personnel available for assignment are to complete the Introduction to SEMS course or equivalent prior to being dispatched for Mutual Aid assistance. This course is available through local OES offices and the Operational Area.

VII. Responsibilities

A. All jurisdictions in the Orange County Operational Area are responsible for:

1. Reviewing and understanding the OAMA policy.

2. Identifying procedures and training staff to integrate mutual aid coordination into their emergency organization.

3. Participating in exercises at the local level and Operational Area level as well as completing necessary SEMS training.

4. Participating in the Mutual Aid program as defined by the Master Mutual Aid Agreement and this Policy.

VIII. Concept of Operations

A. Activation

1. The system can be activated for small, single-jurisdictional emergencies or for large-scale disasters involving multiple emergencies.

2. Local government requests for Mutual Aid are made to the Operational Area. The Operational Area is responsible for coordinating Mutual Aid within its area.

3. Mutual Aid requests that the Operational Area is unable to fill will be forwarded to the local designated OES Region Office.

4. During all levels of activation, local jurisdictions will coordinate information on resource utilization through the Operational Area EOC.

B. Deactivation

1. Prior to deactivation, each individual providing Mutual Aid will complete the requesting agency's deactivation paperwork, including an OAMA Exit Survey Form, and submit it to the requesting jurisdiction.

2. Each person assigned to Mutual Aid assistance will submit all reimbursement documentation to their agency's Finance Department/Finance Section. The responding jurisdiction will document all costs and invoice the requesting jurisdiction.

3. The requesting jurisdiction will process all claims for reimbursement. Reimbursement will be made directly to the responding jurisdictions, not to individuals. It is the responsibility of the responding jurisdiction to provide their personnel with timely reimbursement.

4. The OAMA Coordinator or the Logistics Section/Personnel Branch Coordinator will submit an After-Action Report, copies of the OAMA Exit Survey, and OAMA Evaluation Forms to the Operational Area Emergency Operations Center Manager with recommendations for improvements.

IX. Standardized Emergency Management System (SEMS)

The Standardized Emergency Management System (SEMS) incorporates the five functions: management/command, planning/intelligence, operations, logistics, and finance/administration, consistently from the local government level to the state level. All phases of the OAMA system are to operate consistent with SEMS regulations.

X. Appendices

- California Master Mutual Aid Agreement
- Sections 2400 - 2450 of Title 19, Division 2 of the *California Code of Regulations* (Standardized Emergency Management System - SEMS)
- *California Labor Code*, Section 3211.92 (Disaster Service Worker)
- Natural Disaster Assistance Act, Chapter 7.5 of Division 1 of Title 2 of the Government Code
- Operational Area Agreement of the County of Orange and Political Subdivisions

PART TWO

Checklists

The following checklists are provided:

- Local Jurisdiction
- Operational Area
- OAMA Coordinator

Each checklist is further divided into the following format:

- Normal day-to-day operations
- Activation for jurisdictions requesting and responding to mutual aid requests
- Deactivation

I. Local Jurisdiction

A. Normal Day-to-Day Operations

- Review the OAMA plan and familiarize yourself with the procedures.
- Brief your local officials on the benefits of OAMA.
- Obtain authority to participate in the OAMA program from your local officials.
- Review personnel and union policies regarding overtime.
- Develop and regularly update, a filing system or data base where resources available for the OAMA program can reside and be immediately accessed.
- Work with your operational area to ensure you receive information on OAMA resources in the operational area.
- Develop emergency kits for your personnel in the event they are activated (include this document in each kit). Plan for them to be self-sufficient.
- Identify roles and procedures for personnel you may receive through activation of OAMA. (Include an orientation packet with necessary forms.)
- Incorporate the use of OAMA into local exercises and drills.
- Participate in operational area or regional exercises and drills that include the use of the OAMA plan.

B. Activation (Requesting Jurisdiction)

- Declare a local emergency.
- Identify the position to be filled when making your request for mutual aid.
- Complete OASIS Resource Request Form identifying positions or tasks to be performed; describe particular skills needed to fill the position for which mutual aid is being requested. Include where and when to report and to whom. **(See Resource Request Form in Part Three)**. Submit the request through your operational area.
- Negotiate the specific terms and condition of aid with the agency providing mutual aid.
- Ensure your logistics branch has arranged for lodging and local transportation for incoming personnel. **(See OAMA Dispatch Checklist in Part Three.)**
- Provide responding OAMA personnel with orientation packet including copies of time sheets, daily activity logs, and travel claim forms. Make certain copies are available for

additional incoming personnel. **(See OAMA Check-In and Check-Out Form in Part Three.)**

- Brief responding mutual aid personnel on: the situation, their duties, support staff, who they report to, and the anticipated duration of their assignment. **(See OAMA Personnel Check-In/Check-Out in Part Three.)**

- Conduct periodic review/evaluation of assignments and make necessary adjustments. Forward changes to the OAEOC. **(See Operational Area Resources Request Tracking Form in Part Three.)**

C. Activation (Responding Jurisdiction)

- Verify that the requesting jurisdictions have declared a local emergency.

- Establish ground rules for costs, duration, and personnel assignments from requesting agency.

- Forward information and specific details to responding personnel. **(See OAMA Dispatch Checklist Form in Part Three.)**

- Inform your operational area of the mission, duration, assignment and other particulars relating to OAMA resource requests.

- Maintain records of mutual aid resources sent.

- Establish contact with the OAMA Coordinator at the Operational Area, provide status updates when personnel are dispatched and released from their assignment.

D. Deactivation (Requesting Jurisdiction)

- Prior to deactivation ensure responding personnel have completed all necessary paperwork including an OAMA Exit Survey Form. Forward a copy of the exit survey to the operational area. **(See OAMA Exit Survey Form in Part Three.)**

- Complete an OAMA Evaluation Form and forward with a copy of the After Action Report to the operational area logistics section. **(See OAMA Evaluation Form in Part Three.)**

- Follow up on all open or unresolved actions. Confirm that responding jurisdictions have been notified of appropriate agency/department (include address and phone number) where information is to be forwarded.

- Forward copies of time sheets, daily activity logs and travel claim forms to your agency's finance officer for reimbursement processing.

- Conduct exit inspection of vehicles, assure travel routes are clear. Personnel rested prior to release.

E. Deactivation (Responding Jurisdiction)

- Prior to deactivation ensure responding personnel have completed all necessary paperwork including an OAMA Exit Survey Form. **(See OAMA Exit Survey Form in Part Three.)**

- Forward copies of time sheets, daily activity logs and travel claim forms to your agency's finance officer for reimbursement processing.

- Follow up on all open assignments. Forward status report to your operational area.

II. Operational Area

A. Normal Day-to-Day Operations

- Review the OAMA plan and familiarize yourself with the procedures.
- Work with your local jurisdictions and OEMS Regional Administrator to ensure you receive information on OAMA resources in your OES region.
- Develop and update regularly, a filing system or data base where the OAMA Program resources can reside and be immediately accessed.
- Provide the OES Regional Administrator with updated information on local jurisdictions and operational area resources.
- Identify roles and procedures for personnel you may receive through activation of OAMA.
- Participate in exercises and drills of the OAMA plan.

B. Activation (Requesting Operational Area)

- Verify local jurisdiction's emergency declaration.
- Assess needs of local jurisdictions and process their requests. **(See OAMA Needs Assessment Form in Part Three.)**
- Identify the positions or tasks that need to be filled in your request for mutual aid. Include where and when to report and to whom. **(See Operational Area Resource Request Form in Part Three.)**
- Review data base to determine what personnel best fit the request.
- Contact the local jurisdiction directly if they are in your operational area to request assistance. If assistance is needed from outside your operational area, process your request through your OES Regional Administrator.
- Forward a copy of your request to your OES Regional Administrator or regional EMMA Coordinator.
- Coordinate the negotiation of the specific terms and conditions of aid with the party that will provide it.
- Ensure arrangements have been made for lodging and local transportation for incoming personnel. **(See OAMA Dispatch Checklist Form in Part Three.)**
- Upon receiving mutual aid, ensure that personnel are briefed on the situation, their duties, whom they report to, and the duration. **(See OAMA Check-In and Check-Out Form in Part Three.)**

C. Activation (Responding Operational Area)

- Establish contact with the regional OAMA coordinator or logistics branch.
- Coordinate mutual aid requests from your OES Administrative Region to local jurisdictions.
- Ensure your OES Regional Administrator is informed of your personnel availability and other particulars, in the event that the situation becomes worse and more resources are needed.
- Receive instructions and forward specifics to responding personnel. **(See OAMA Dispatch Checklist Form in Part Three.)**
- Provide updated status reports on OAMA mutual aid to regional EMMA Coordinator or Logistics Branch. **(See Operational Area Resources Request Tracking Form in Part Three.)**

D. Deactivation

- Ensure personnel, prior to departure, complete an exit survey and forward a copy of the exit interview to the EMMA Coordinator at the REOC. **(See OAMA Exit Survey and OAMA Personnel Check-In/Check-Out Forms.)**
- Ensure all documentation (including copies of time sheets, travel claims, daily logs and other supporting documentation) has been received from the responding jurisdiction and forwarded to the accounting department for processing.
- Identify areas needing improvement and include comments with your after action report to your OES Regional Administrator. **(See OAMA Evaluation Form in Part Three.)**
- Update and correct information in your data base that was lacking or incorrect.

III. OAMA Coordinator

Requests for OAMA resources will be handled by the OAEOC's Logistics Section. Depending upon the escalation of resource requests, most requests will be handled by the Personnel Branch Coordinator. When activated the position of OAMA Coordinator will be located within the EOC's Logistics Section as part of the Personnel Branch at each level of SEMS.

The Personnel Branch or OAMA Coordinator is responsible for coordinating all emergency management personnel mutual aid requests received at or within their EOC, identifying sources of personnel support, requesting and assigning personnel as needs are identified.

A. Normal Day-to-Day Operation (Non-Active Status)

- Review the OAMA plan and familiarize yourself with the procedures and the OAMA Coordinator position and duties.
- Become familiar with emergency management and response personnel within your area. Be aware of the anticipated needs and skills of people within your area.
- Assist in the development and participate in an annual exercise of the OAMA plan.

B. Activation

Note: *During a declared emergency, when activated the OAMA Coordinator reports to the Operational Area Emergency Operations Center. The OAMA Coordinator is then assigned to the Logistics Section-Personnel Branch.*

- Check-in with the Operational Area EOC Manager and Logistics Section Chief.
- Obtain briefing on situation.
- Set up branch workstation, use kit materials and on-site supplies. Familiarize yourself with OAEOC location and personnel.
- Open and maintain branch logs.
- Establish contact with other levels of SEMS which are operational (local, operational area and region EOC's).
- Determine status of OAMA resource requests and needs. **(See OAMA Resource Needs Assessment Form in Part Three.)**
- Attend all EOC briefings and meetings.
- Coordinate with other branches and advise them of OAMA Coordinator position activation.

- Oversee recruitment process and placements. The OAMA Coordinator will ensure requesting jurisdictions have made lodging arrangements for OAMA mutual aid personnel deployed.

- Communicate with appropriate EOC to verify tracking number assignment, that recruited OAMA personnel have been assigned, OAMA Dispatch Checklist Form has been faxed, and estimated time of arrival, along with duration of assignment has been confirmed.

- Determine future personnel needs based upon situations which are predicted to occur.

- Maintain information regarding:

    * Mutual Aid requests for personnel being processed.
    * OAMA personnel assigned by agency/location
    * OAMA personnel in standby status
    * Mutual Aid requests not filled by category.

- Attend all planning meetings.

- Provide situation report and resource information to Logistics Branch Chief, and Planning/Intelligence Section. Update on a periodic basis or as the situation changes.

- Keep Logistics Section Chief apprised of OAMA personnel needed and potential emergency manager and response personnel needs. **(See Situation Summary Form in Part Three.)**

- Track OAMA personnel processed by the Logistics Branch. Controls must be established for the accountability of personnel used. When relieved from duty, personnel should be documented as released (include date and time). Maintain current status and overall placement at all times. **(See Operational Area Resource Request Tracking Form in Part Three.)**

- Maintain personnel files for OAMA personnel which the branch has recruited and conduct intake orientation. Verify that all OAMA mutual aid personnel deployed have been documented for Worker's Compensation coverage.

- Identify any operational problems and take corrective actions. If personnel issues exist consult with the Logistics Branch Chief and OAEOC Administrator to resolve.

- Ensure orientation packets are developed and provided to personnel assigned to you. Packets should include at a minimum: daily activity logs, travel claim forms, time sheets, OAMA Check-In/Check-Out Form and OAMA Exit Form.

- Distribute all forms for reimbursement to OAMA personnel assigned to your EOC level. Document all non-personnel costs. Coordinate distribution and return of cell phone, pagers and other field supplies. **(See OAMA Check-In/Check-Out Form in Part Three.)**

- Participate in action planning meetings, provide input to situation reports, share status information with Operations Section, Planning/Intelligence Section, and other branches as appropriate.

- Keep other levels of Logistics Section - Personnel Branch - OAMA Coordinators apprised of overall situation and status of resource requests.

- Evaluate the efficiencies and effectiveness of the Program. **(See OAMA Evaluation Form in Part Three.)**

- Conduct exit surveys of OAMA participants at your level and forward copies to the next appropriate level. **(See OAMA Exit Survey Forms.)**

- Brief your replacement.

- Complete After Action Comments. **(See OAMA Evaluation Form in Part Three.)**

- Develop long-range planning to identify potential problems and solutions.

C. Deactivation

- Deactivate the position and close out logs when authorized by Logistics Section Chief.

- Ensure all deactivated OAMA personnel at your level complete all paperwork including the Exit Survey Form prior to your release and departure. **(See OAMA Exit Survey Form in Part Three.)**

- Schedule and notify all personnel of the time and place for an internal critique. Ensure all personnel are notified of any After Action Critiques.

- Provide input to the internal after action critique. Document findings of internal after action critique. Develop recommendations for program improvement. Identify additional costs that need to be addressed in future activations of the system.

- Ensure all logs, action plans, and activity records are collected. Turn in all records to EOC Logistics Section Chief.

- Ensure personnel deactivated turn in all supplies. **(See OAMA Personnel Check-In/Check-Out Form.)**

- Ensure that any open actions are assigned to appropriate agency, OAEOC or REOC element for follow up.

- Complete After Action Report including local jurisdiction evaluations of personnel assigned to them and mutual aid personnel exit interviews. Provide OES Regional Administrator with copy of report.

- Update internal procedures from "lessons learned" in After Action Report.

PART THREE

Forms

This section contains the minimum number of forms that are necessary for the OAMA Program. Additional forms may be developed as this program matures through use. Specific forms are referenced in the checklists in Part Two (in **bold** parenthesis).

Forms

- Operational Request for Jurisdiction Initial Damage Report
- Jurisdiction Status Report to Operational Area
- OAMA Resource Needs Assessment Form
- OAMA Dispatch Form
- OAMA Check-In and Check-Out Form
- OAMA Exit Survey Form
- OAMA Evaluation Form
- Resource Request Form (OASIS Form #160-1/93)
- Operational Area Resource Request Tracking Form (OASIS Form #17 - 1/93)

THIS IS A DRILL **THIS IS NOT A DRILL**

OPERATIONAL AREA REQUEST FOR JURISDICTION INITIAL INCIDENT IMPACT REPORT

*****IMMEDIATE RESPONSE REQUIRED FROM EMERGENCY SERVICES COORDINATOR*****

FROM: County of Orange Sheriff-Coroner/Emergency Management
Phone: 714) 628-7055 or 628-7060 FAX: (714) 628-7154

DUE TO _____ the Operational Area EOC has been activated as of (date) _____ (time) _____. Immediate response to the following is required from all Orange County Jurisdictions.

Date: _____ Time: _____
Jurisdiction Name: _____
Contact Name: _____Phone:_____
Dir. of Emerg. Srvs. Name: _____Phone: _____

THIS JURISDICTION'S EOC IS IS NOT ACTIVATED AT THIS TIME

EOC PHONE: _____ FAX: _____

THIS JURISDICTION HAS HAS NOT BEEN IMPACTED

Impact is: Major Moderate Minor Routine

Prognosis: ☐ No Change ☐ Worsening ☐ Improving

Details Attached: Fact Sheet Map Other _____

LOCAL EMERGENCY DECLARED OR BEING CONSIDERED: **Yes NO**

REQUEST FOR OPERATIONAL AREA EMERGENCY DECLARATION**:** **Yes NO**

REQUEST FOR GOVERNOR'S DECLARATION: **Yes NO**

REQUEST OA EOC BE ACTIVATED: **Yes NO**

REQUEST OA EOC TO STANDBY: **Yes NO**

THE FOLLOWING RESOURCES ARE:

NEEDED			AVAILABLE		
Fire	Public Works	Medical/Health	Fire	Public Works	Medical/Health
Police	Bldg. Inspectors	☐ Mental Health	Police	Bldg. Inspectors	☐ Mental Health
Dispatch	PIO	Shelter	Dispatch	PIO	Shelter
EOC Staff	Other _____		EOC Staff	Other _____	

FAX IMMEDIATELY TO OA EOC AT (714) 628-7154

THIS IS A DRILL **THIS IS NOT A DRILL**

JURISDICTIONAL STATUS REPORT
TO THE OPERATIONAL AREA

*****IMMEDIATE RESPONSE REQUIRED BY OPERATIONAL AREA*****

CONTROL ONE SUPERVISOR
(714) 628-7008

OA EOC FAX
FAX: (714) 628-7154

Date: _____ Time: _____

Jurisdiction Name: _____

Contact Name: _____Phone:_____

24 Hour Phone: _____Phone: _____

Alternate Contact: _____Phone: _____

Due to: _____our EOC has been activated as of (date) _____ (time) _____. Immediate acknowledgment of the following report is required from the Operational Area.

THIS JURISDICTION HAS HAS NOT BEEN IMPACTED AT THIS TIME

Impact is: Major Moderate Minor Routine

Damage report and details are: Attached To be sent later

Prognosis: ☐ No Change ☐ Worsening ☐ Improving

Deaths: ☐ Yes ☐ No ☐ Unknown **Injuries**: ☐ Yes ☐ No ☐ Unknown

LOCAL EMERGENCY DECLARED OR BEING CONSIDERED: **Yes NO**

REQUEST FOR OPERATIONAL AREA EMERGENCY DECLARATION**:** **Yes NO**

REQUEST FOR GOVERNOR'S DECLARATION: **Yes NO**

REQUEST COUNTY EOC BE ACTIVATED: **Yes NO**

REQUEST COUNTY EOC TO STANDBY: **Yes NO**

THE FOLLOWING RESOURCES ARE:

NEEDED			AVAILABLE		
Fire	Public Works	Medical/Health	Fire	Public Works	Medical/Health
Police	Bldg. Inspectors ☐	Mental Health	Police	Bldg. Inspectors ☐	Mental Health
Dispatch	PIO	Other _____	Dispatch	PIO	Other _____

FAX IMMEDIATELY TO OA EOC AT (714) 628-7154

OAMA RESOURCE NEEDS ASSESSMENT

Please contact the next level of SEMS to determine possible personnel needs/availability. (Region to Operational Areas; Operational Area to local jurisdictions and special districts.)

Emphasize to personnel contracted this **does not** place them on standby. **THIS IS ONLY A QUERY**. Note: This is only a suggested list of position availability.

POSITIONS

Please indicate below the number of personnel available (a#)_/or needed (n#) alongside of SEMS position. Additional availability or needs can be listed in the blank space.

- ☐ Local EOC Management _____
  - ☐ Safety Officer _____
  - ☐ Liaison Officer _____
  - ☐ _____
- ☐ Local EOC Operations _____
  - ☐ HazMat Branch Coordinator_____
  - ☐ Field Rep. _____
  - ☐ _____
- ☐ Local EOC Planning/Intelligence _____
  - ☐ Situation Status & analysis Unit _____
  - ☐ Advance Planning Unit _____
  - ☐ Demobilization Unit Coordinator _____
  - ☐ _____
- ☐ Local EOC Finance/Administration _____
  - ☐ DSR Record-keeping Unit Coordinator____
  - ☐ _____
- ☐ Local EOC Logistics_____
  - ☐ OAMA Coordinator _____
  - ☐ _____
- ☐ Local EOC Public Information Officer _____
  - ☐ Rumor Control Unit _____
  - ☐ Media Liaison _____
  - ☐ _____
- ☐ Local EOC Technical Advisor (Specialty) ____
  - ☐ Damage Assessment Unit Leader _____
  - ☐ Hazard Mitigation Assistant _____
  - ☐ Recovery Process Unit Leader _____
  - ☐ Human Resource Unit Leader _____
  - ☐ _____

- ☐ OA EOC Management _____
  - ☐ Safety Officer _____
  - ☐ Liaison Officer _____
  - ☐ _____
- ☐ OA EOC Operations _____
  - ☐ Field Rep. _____
  - ☐ _____
- ☐ OA EOC Planning/Intelligence _____
  - ☐ Safety Officer _____
  - ☐ Liaison Officer _____
  - ☐ _____
- ☐ OA EOC Finance/Administration _____
  - ☐ Time Unit _____
  - ☐ Purchasing Unit _____
  - ☐ Compensation Unit _____
  - ☐ _____
- ☐ OA EOC Logistic _____
  - ☐ OAMA/EMMA Coordinator _____
  - ☐ _____
- ☐ OA EOC PIO _____
  - ☐ Rumor Control Unit _____
  - ☐ Medial Liaison _____
  - ☐ _____
- ☐ OA EOC Technical Advisor (Specialty) ____
  - ☐ _____
  - ☐ _____
  - ☐ _____

OAMA EXIT FORM

_____

(Incident Name)

To assist us with the evaluation of the effectiveness of this program, please take a few minutes to fill out the following information. This information will be used to improve the Operational Area Mutual Aid Program for future disasters.

Name: _____ Title: _____

Agency: _____

Date Assignment began: _____ Release Date and Time: _____

Assigned position or function (if more than one please indicate): _____

_____

Where your skills appropriate for your assignment? (if not indicate what skills/knowledge would be more effective)

_____

_____

_____

What additional training or orientation would be helpful in performing this function?

_____

_____

_____

What key topics should be covered in the After-Action Report?

_____

_____

Please add any additional comments on the back of this form. Thank you for taking the time to complete this form.

RETURN THIS FORM TO THE LOGISTICS SECTION

OAMA EVALUATION FORM

_____
(Incident Name)

To assist us with the evaluating the effectiveness of this program, please take a few minutes to fill out this questionnaire. The information provided here will be used to make improvements in the OAMA program for future response to disasters. Thank you for taking the time to complete this form.

EMERGENCY MANAGEMENT OR RESPONSE PERSONNEL ASSIGNED TO YOUR FACILITY

Name Title Agency

What types of emergency management assistance provided to your operations did you find most helpful?

What types of assistance did you find least helpful?

What functions of your agency would most likely be in need of OAMA support? Indicate whether it would be in the response or recovery operations?

How did you learn about the availability of OAMA assistance?

How well did the skills/knowledge of the person assigned to you match your needs?

What aspects of the mutual aid process worked well?

What aspects of the mutual aid process did now work well and how would you improve this process?

Which disaster response issues, functions, or roles do you believe the OAMA program should focus on for planning mutual aid response to future disasters?

Additional comments (Please use the back of this sheet or a second page)

Please mail or fax your response to the Operational Area Manager

OAMA DISPATCH CHECKLIST

NAME: _____ AGENCY _____

BUSINESS ADDRESS: PHONE ( ) _____

FAX ( ) _____

PAGER/CELL PHONE ( ) _____

CONTACT PERSON (for emergency purpose only)

NAME _____ Relationship _____ PHONE ( ) _____

ASSIGNMENT INFORMATION

INSTRUCTIONS: *The following information is to be completed by the requesting jurisdiction, faxed to the responder, and the Operational Area Logistics Section. The Operational Area will fax to the OES Region.*

Date/Time Assignment begins _____ Release Date (anticipated) _____

Assignment/Agency _____ Position _____

Location _____ Address _____

Report to: _____ Phone No. ( ) _____
(Person or Position)

Operational Area Contact _____ Phone No. ( ) _____

Travel Arrangements: (When this part is completed fax to responding OAMA personnel)
To be made by _____ Responder _____ Requesting Jurisdiction

Transportation by _____ Car _____ Plane ___ Other _____

Directions (should include map with location marked and written directions)

Flight Schedule

Lodging Information
Facility _____ Confirmation No. _____

Address _____ Contact Person _____

_____ Phone No. ( ) _____

SPECIAL COMMENTS (see back side or second page)

OAMA CHECK-IN AND CHECK-OUT FORM

_____
(Incident Name)

NAME: _____	
AGENCY _____	
LODGING FACILITY ADDRESS:	PHONE ( ) _____
	FAX ( ) _____
	PAGER/CELLPHONE ( ) _____
Date duty began: _____	Release date and time: _____

Assignment (position or function; list all with corresponding beginning and release times)

_____

___

Location:

_____

___

EQUIPMENT AND SPECIAL ITEMS CHECK OFF

Items	Date Issued	Date Returned
EQUIPMENT		
Identification Badge	_____	_____
Cellular Phone	_____	_____
Pager	_____	_____
Computer	_____	_____
Parking Pass	_____	_____
Other Passes	_____	_____
_____	_____	_____
_____	_____	_____
Credit Cards (s)/No.	_____	_____
_____	_____	_____
_____	_____	_____
Car and Keys	_____	_____
Vehicle No. _____	_____	_____
Other Equipment	_____	
_____	_____	_____
FORMS		
Orientation Packet	_____	_____
Time Sheets	_____	_____
Daily Activity Logs	_____	_____
Expense	_____	_____
Claim/Documentation	_____	_____
EMMA Exit Survey Form	_____	_____

OPERATIONAL AREA RESOURCES REQUEST TRACKING FORM

1. INCIDENT/DISASTER						2. OPERATIONAL AREA				3. FUNCTION		
4. Local Ref #/ / OA #		5. Request Date/Time		6. Requesting Agency ---------- (Your Name)	7. Qty.	8. Resource Requested	9. Needed Date/Time	10. Deliver To:	11. Time Provider Contacted	12. Providing Agency	13. Description of Resource Provided	14. ETA Date/Time	15. Released Date/Time

REMARKS

RESOURCES REQUEST FORM

OASIS Form #160

Request Taken By:_____ Emergency Function:_____

1. Date/Time	2. Local Ref. No.:	2.1 OA No.:	Region No.:

3. Requestor Information:
Name: _____
Agency: _____ Emergency Function: _____
Telephone #: _____
Day Night Pager, Fax, Other

4. Resources Requested: (Number & Type)

5. Reason Resources Requested (What's the Mission?)

6. Importance (circle one): Life Saving Life Sustaining Property Threatened Routine

7. Date/Time Needed:	7.1 Duration Needed:
8. Location resources Needed:	9. Name: _____ Agency: _____ Telephone #: _____ Day Night Pager, Fax, Other
8.1 Deliver to: (If Different from #8)	

TO BE COMPLETED BY MUTUAL AID/RESOURCES COORDINATOR HANDLING REQUEST

10. Your Name		10.1 Date/Time	
11. OA No.:	12. Notify Region:	Date:	Time:
13. Agency Providing Resources	13.1 Contact Name/ Telephone #:	13.2 Resources Provided	13.3 ETA Date/Time

OPERATIONAL AREA AGREEMENT
OF THE COUNTY OF ORANGE AND POLITICAL SUBDIVISIONS

DATED: _____

_____
(City or Jurisdiction)

BY _____

_____

_____

ATTEST:

By: _____

_____

_____

Date _____

NOTICE TO _____ TO BE GIVEN TO:
City/Jurisdiction

_____
Name

_____
City/Jurisdiction

_____
Address

_____
City/State/Zip

_____
FAX Number

APPROVED AS TO FORM:

_____

_____

_____

Dated _____

STAFF REPORT

TO: BOARD OF DIRECTORS **MEETING DATE: November 24, 2020**

FROM: Dennis Cafferty, General Manager

SUBJECT: Directors Compensation Policy

The benefits currently provided to members of the El Toro Water District Board of Directors include the following:

- Dental Insurance
- Vision Insurance
- Life Insurance
- Long Term Care Insurance
- Deferred Compensation Plan / Social Security

While these benefits have been provided to the Directors for many years, the Board of Directors Benefits Program, with the exception of the Long Term Care Insurance, has never been clearly defined by District Policy. The Long Term Care Insurance was defined in Resolution 96-11-2 adopted in November of 1996. The proposed modification of the Directors Compensation Policy adds a section to provide a clear description of all the current benefits made available to members of the District Board of Directors.

The proposed amendment to the Directors Compensation Policy clarifies only the existing benefits available to Directors. The Board of Directors has previously discussed alternatives, including the possibility of medical insurance as a benefit for Directors. At the time of the previous discussion, JPIA's rules required 100% coverage, meaning if the Board considered providing medical insurance as a benefit to Directors, all of the Directors were required to be covered. JPIA has since changed that requirement. It is now possible for Board members to opt in as individuals rather than the previous requirement that the entire Board be covered.

Following the change in the JPIA requirements and conditions, staff was requested to provide an update to the Board regarding medical insurance. Staff will provide a brief presentation at the Board meeting.

The following attachments will serve as reference material for the subject item.

- Resolution 20-11-3
- Redline Version of the Directors Compensation Policy
- Clean Version of the Directors Compensation Policy
- Resolution 96-11-2
- Presentation Material Regarding Medical Insurance

Recommended Action: Staff recommends that the Board of Directors adopt Resolution No. 20-11-3 which proposes changes to the Directors Compensation Policy to reflect the benefits provided to the District's Board of Directors.

RESOLUTION NO. 20-11-3

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
AMENDING THE DISTRICT'S
DIRECTORS COMPENSATION POLICY 1993-10 (IV)
TO REFLECT THE BENEFITS PROVIDED
TO THE DISTRICT'S BOARD OF DIRECTORS

RESOLUTION NO. 20-11-3

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
AMENDING THE DISTRICT'S
DIRECTORS COMPENSATION POLICY 1993-10 (IV)
TO REFLECT THE BENEFITS PROVIDED
TO THE DISTRICT'S BOARD OF DIRECTORS

WHEREAS, the Directors of the El Toro Water District Board of Directors are provided certain benefits; and

WHEREAS, the benefits provided to the Directors represent a form of compensation for the service provided by the Directors; and

WHEREAS, the Long Term Care Insurance benefit was previously defined in Resolution 96-11-2; and

WHEREAS, the Board of Directors deems it to be in the best interest of the District to amend the Directors Compensation Policy 1993-10 (IV) to clarify and specify the benefits provided to the Board of Directors; and

WHEREAS, the Board of Directors Benefit Program defined in this Resolution No. 20-11-3 and the attached amended Directors Compensation Policy 1993-10 (IV) supersedes the provisions of Resolution 96-11-2 for Directors elected or appointed on or after January 1, 1995; and

WHEREAS, the provisions of Resolution 96-11-2 remain in effect for Directors elected or appointed prior to January 1, 1995.

NOW, THEREFORE, BE IT RESOLVED as follows:

1) That the Board of Directors of the El Toro Water District does hereby authorize and approve amending the above referenced Directors Compensation Policy 1993-10 (IV) as set forth in Exhibit "A" attached hereto, which Exhibit is by this reference incorporated herein.

2) That the provisions of Resolution 96-11-2 remain in effect for Directors elected or appointed prior to January 1, 1995

ADOPTED, SIGNED AND APPROVED this 24th day of November 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

Prepared by: Staff	**EL TORO WATER DISTRICT POLICY STATEMENT 1993-10 (IV) DIRECTORS COMPENSATION POLICY**	Pages 1 of ~~4~~ 7 Item 7 Section IV
Approved by: Board of Directors		Date: ~~05~~11/~~28~~24/20 Revision: ~~8~~9

I. PURPOSE

A. Directors in their role of providing governance for the El Toro Water District ("District") are required to: (1) Attend regular, special and committee meetings of the Board of Directors ("Board"); (2) perform assigned duties and responsibilities, as officers; (3) represent the District at industry and community events; and (4) attend industry specific conferences and educational events.

B. The El Toro Water District ("District") shall adhere to Government Code Sections 53232 through 53232.4 when dealing with issues of director remuneration and reimbursement.

II. QUALIFIED EVENTS

Subject to the District's enabling statutes, attendance at the following qualifies a Director to be eligible to receive compensation.

A. A meeting of the District's Board of Directors;

B. A meeting of a Committee of the District's Board of Directors;

C. A conference or organized educational activity conducted in compliance with Government Code Section 54952.2(c), including but not limited to ethics training required by Government Code Section 53234.

Approved by Resolution:	93-9-2	Date: 09/16/93
Superseded by Resolution:	94-5-2	Date: 05/19/94
Superseded by Resolution:	99-7-2	Date: 07/15/99
Superseded by Resolution:	03-4-2	Date: 04/24/03
Superseded by Resolution	06-02-01	Date: 02/23/06
Superseded by Resolution	06-9-1	Date: 09/28/06
Superseded by Resolution	07-9-2	Date: 09/27/07
Superseded by Resolution	18-3-3	Date: 03/22/18
Superseded by Resolution	20-5-1	Date: 05/28/20
Superseded by Resolution	20-11-3	Date: 11/24/20

D. Official Business Representing the District (subject to the prior approval of the President or Board) at the following non-exclusive functions and activities:

1. South Orange County Wastewater Authority Board of Directors (SOCWA)
2. SOCWA Finance Committee
3. Santiago Aqueduct Commission (SAC)
4. MWDOC Board Meeting
5. MWDOC Administration & Finance Committee Meeting
6. MWDOC Public Affairs & Legislation Committee Meeting
7. MWDOC Planning & Operations Committee Meeting
8. Local Agency Formation Commission (LAFCO)
9. Water Advisory Committee of Orange County (WACO)
10. WACO Planning Committee
11. Independent Special Districts of Orange County (ISDOC)
12. Local TV-Appearances
13. Orange County Water Association (OCWA)
14. WateReuse of Orange County
15. Joint Powers Insurance Authority
16. South OC Watershed Management Area Executive Committee
17. South Orange County Agencies' Group Meeting
18. Local Chamber of Commerce Functions
19. City Council Meetings in the Cities served by the District
20. Meetings between Board President and Vice President
21. Meetings between Board President and District General Manager or Attorney
22. Other functions defined in the "Board/Staff Organizational and Standing Committee Assignments" as periodically revised and adopted by Resolution of the Board of Directors

E. Other functions and activities determined on an Ad Hoc basis as being beneficial to the District as approved by the Board President or the Board.

III. COMPENSATION

A. When serving in the above capacity a Director shall receive a per diem compensation as established by Ordinance of the District for "each day" so served, at the request of the Board. Only one per diem compensation will be paid for each calendar day (regardless of the number of meetings or events attended on a calendar day) up to the maximum number of days permitted by the District's Ordinance (which presently is set at 10 in any calendar month – Ordinance No. 2018-1). Attendance at meetings and conferences shall be deemed to have been rendered "at the request of the Board" if (1) the Director's attendance is requested through posting of a notice of a District meeting; (2) the Director's attendance is requested by the President of the Board; or (3) the Director's attendance is approved by Board action at a regular or special meeting of the Board of Directors.

B. Directors shall submit their compensation report form to the District office within the first week of each month for the prior month. The Board President or the General Manager will approve and sign director compensation forms before payment can be processed. The Board President's compensation Form shall be approved by the General Manager or Assistant General Manager.

C. It is against the law to falsify compensation reports. Penalties for misuse of public resources or violating this policy may include, but are not limited to, the following:

1. Restitution to the District;

2. Civil penalties for misuse of public resources pursuant to Government Code Section 8314; and

3. Prosecution for misuse of public resources, pursuant to Section 424 of the Penal Code, penalties for which include 2, 3 or 4 years in prison.

D. In the event of a dispute or misunderstanding regarding compensation, the matter shall be reviewed by two members of the Board appointed by the Board (other than the Board member whose account is being questioned) and their findings and recommendations will be transmitted to the Board for a determination. The Board determination shall be final.

E. Changes in the compensation of Board members will require the approval of the Board during an open meeting of the Board held at least 60 days prior to the effective date of the change, no more than once in any twelve-month period.

IV. BOARD OF DIRECTORS BENEFITS PROGRAM

A. While serving on the El Toro Water District Board of Directors, each Director is eligible for the Board of Directors Benefit Program. Benefit eligibility expires when Directors leave the Board. Benefit eligibility requirements may also be imposed by the individual benefit plans themselves.

B. The District reserves the right to modify, amend or terminate Director benefits and to modify or amend Director benefits eligibility requirements at any time and for any reason, subject to any legal restrictions and approval by the Board.

C. The District offers the following Director benefits

- Dental Insurance
- Vision Insurance
- Life Insurance and Accidental Death and Dismemberment Plan
- Long Term Care Insurance
- Deferred Compensation Plan / Social Security

1. Dental Insurance

Directors, their spouses or Registered domestic partners and the Director's dependents are covered by a group dental insurance plan. Eligibility for participation begins the first of the month following sixty days of continuous service on the Board of Directors of the District. There is no cost to the Director for this benefit.

2. Vision Insurance

Directors, their spouses or Registered domestic partners and the Director's dependents are covered by a group vision insurance plan. Eligibility for participation begins the first of the month following sixty days of continuous service on the Board of Directors of the District. There is no cost to the Director for this benefit.

3. Life Insurance and Accidental Death and Dismemberment

Directors are covered by a group life insurance and accidental death and dismemberment plan (Plan). The Plan benefit for Directors is $10,000 each until the Director reaches 75 years of age after which the Plan benefit is $5,000 each. Eligibility begins the first of the month following sixty (60) days of continuous service on the Board of Directors of the District.

It is the Director's responsibility to notify the Human Resources Manager, in writing, if there is a change such as name, address, beneficiary etc.

4. Long Term Care Insurance

Upon election or appointment to the Board of Directors and while serving on the Board, Directors as well as their spouse or

Registered domestic partner are covered by a Long Term Care Insurance plan.

This policy provides for payment in the event that a Director requires professional home health care or nursing home care due to a disability. The eligibility for the Long Term Care Insurance Plan as well as the value of the coverage varies based on the individual age and health of individual Directors. There is no cost to the Directors for the Long Term Care Insurance benefit.

The District will cease coverage and payments of Long Term Care Insurance premiums when a Director leaves office or is no longer serving on the Board of Directors. Directors have the option of continuing the Long Term Care coverage after the Director leaves office. In this case, premiums would be paid by the Director directly to the insurance company.

5. Deferred Compensation Plan / Social Security

Directors may elect to participate in the District's deferred compensation plan or have the District contribute to Social Security with the Director's compensation subject to Social Security withholding.

D. Eligible Dependents

Eligible dependents for the above insurance plans are defined as set forth in the insurance enrollment materials.

For an eligible dependent to be eligible for coverages, a copy of a marriage license, State of California Declaration of Domestic Partnerships form (NP/SF DP-1), birth certificate, or other identifying paperwork will be required.

It is the Director's responsibility to notify the Human Resources Manager, in writing upon divorce, termination of Domestic Partnership, over-age dependent, or any event that changes the status of

dependency.

E. A summary of benefits and information will be provided on these plans during the new Director orientation and each year thereafter.

F. The District reserves the right and discretion to review, revise, or alter its insurance benefits, carriers, coverages and benefits provided subject to the approval of the Board of Directors.

G. The adoption and continuation of any of the insurance programs referred to in this Policy are subject to and conditioned upon the District's ability to secure and maintain the required insurance coverage on terms satisfactory to the District unless mandated by law.

H. Consolidated Omnibus Budget Reconciliation Act (COBRA)

The Consolidated Omnibus Budget Reconciliation Act of 1985 (COBRA) protects Directors and their eligible family members by allowing them to continue their group dental and vision insurance under the District's plan at affordable group rates for terms defined by State and Federal law. Directors are notified upon taking office of their rights under this law and it is the Director's responsibility to notify the Human Resources Manager of any qualifying event within 60 days of the event.

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The District will cease coverage and payments of Long Term Care Insurance premiums when a Director leaves office or is no longer serving on the Board of Directors. Directors have the option of continuing the Long Term Care coverage after the Director leaves office. In this case, premiums would be paid by the Director directly to the insurance company.

5. Deferred Compensation Plan / Social Security

Directors may elect to participate in the District's deferred compensation plan or have the District contribute to Social Security with the Director's compensation subject to Social Security withholding.

D. Eligible Dependents

Eligible dependents for the above insurance plans are defined as set forth in the insurance enrollment materials.

For an eligible dependent to be eligible for coverages, a copy of a marriage license, State of California Declaration of Domestic Partnerships form (NP/SF DP-1), birth certificate, or other identifying paperwork will be required.

It is the Director's responsibility to notify the Human Resources Manager, in writing upon divorce, termination of Domestic Partnership, over-age dependent, or any event that changes the status of dependency.

E. A summary of benefits and information will be provided on these plans during the new Director orientation and each year thereafter.

F. The District reserves the right and discretion to review, revise, or alter its insurance benefits, carriers, coverages and benefits provided subject to the approval of the Board of Directors.

G. The adoption and continuation of any of the insurance programs referred to in this Policy are subject to and conditioned upon the District's ability to secure and maintain the required insurance coverage on terms satisfactory to the District unless mandated by law.

H. Consolidated Omnibus Budget Reconciliation Act (COBRA)

The Consolidated Omnibus Budget Reconciliation Act of 1985 (COBRA) protects Directors and their eligible family members by allowing them to continue their group dental and vision insurance under the District's plan at affordable group rates for terms defined by State and Federal law. Directors are notified upon taking office of their rights under this law and it is the Director's responsibility to notify the Human Resources Manager of any qualifying event within 60 days of the event.

RESOLUTION NO. 96-11-2

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
EL TORO WATER DISTRICT PROVIDING FOR CONTINUATION OF
HEALTH BENEFITS TO DIRECTORS FOLLOWING SERVICE ON THE BOARD

WHEREAS, on September 17, 1987, the Board adopted a policy providing Long Term Disability Supplemental Insurance Coverage (the "Insurance") for Directors and their spouses. This policy states that the Insurance will be provided by the District at its own cost. The Insurance includes a Nursing Home Benefit and a Post Confinement Indemnity.

WHEREAS, taking into account the length of service of current Board members and changes in the law governing the provision of the Insurance, the Board desires to adopt a revised policy which will confirm the terms of the Insurance being provided and clarify the authority of the District to provide the Insurance to Directors and their spouses following a Director's service on the Board.

NOW, THEREFORE, the Board of Directors of the El Toro Water District DOES HEREBY RESOLVE, ORDER AND DETERMINE AS FOLLOWS:

1. Provision Of Insurance During Service On The Board. The District shall provide, at its own cost, the Insurance to Directors and their spouses during the Director's service on the Board.

2. Provision Of Insurance Following Service On The Board.

(a) Directors With Twelve Years Or More Of Service. Pursuant to Government Code section 53200 et seq., the District shall pay the cost of the Insurance for those former directors and their spouses who meet the following requirements:

(i) Director served in office after January 1, 1981.

(ii) Director's total service at the time of leaving the Board is not less than twelve years.

(b) Directors With Less Than Twelve Years Of Service. Pursuant to Government Code section 53200 et seq., the District shall provide the Insurance to those former Directors and their spouses who meet the following requirements:

(i) Director has completed one or more terms of office but less than twelve years.

(ii) Director agrees to, and does pay for, the Insurance upon leaving the Board.

(c) Directors Elected On Or After January 1, 1995. Notwithstanding sections 2(a) and (b), Directors who are elected to their first term on or after January 1, 1995 may only be provided the Insurance, at the time of leaving the Board, if they pay for the Insurance.

ADOPTED, SIGNED AND APPROVED this 21st day of November, 1996.

William M. Semple, President of the
El Toro Water District and the
Board of Directors thereof

ATTEST:

Ronald E. Kennedy, Secretary of the
El Toro Water District and the
Board of Directors thereof

ETWRES2.RBD

BOARD OF DIRECTORS BENEFITS PROGRAM

EXISTING PROGRAM

- BENEFITS
  - DENTAL INSURANCE
  - VISION INSURANCE
  - LIFE INSURANCE & ACCIDENTAL DEATH AND DISMEMBERMENT PLAN
  - LONG TERM CARE INSURANCE
  - DEFERRED COMPENSATION / SOCIAL SECURITY
- TERMS
  - DEPENDENTS COVERAGE
  - BENEFIT CEASES WHEN DIRECTORS LEAVE OFFICE

EXISTING PROGRAM COSTS

BENEFIT	SINGLE	COUPLE	FAMILY
DENTAL	$405	$782	$1,273
VISION	$207	$207	$207
LIFE INSURANCE	$14 - $31		
LONG TERM CARE	$2,558 - $5,484	$2,867	

CURRENT ANNUAL COST $14,480

MAXIMUM POTENTIAL COST OF CURRENT PROGRAM $62,395

MEDICAL INSURANCE

- JPIA REQUIREMENTS
  - BOARD MEMBERS CAN BE COVERED INDIVIDUALLY
  - PLAN OPTIONS MUST BE THE SAME AS OFFERED TO EMPLOYEES
  - CO-PAYS MUST BE THE SAME AS EMPLOYEES
- OTHER AGENCIES THAT OFFER MEDICAL INSURANCE TO DIRECTORS
  - IRVINE RANCH WATER DISTRICT
  - LAGUNA BEACH COUNTY WATER DISTRICT
  - MESA WATER DISTRICT
  - MOULTON NIGUEL WATER DISTRICT
  - MUNICIPAL WATER DISTRICT of ORANGE COUNTY
  - ORANGE COUNTY WATER DISTRICT
  - YORBA LINDA WATER DISTRICT

MEDICAL INSURANCE COSTS

BENEFIT	SINGLE	COUPLE	FAMILY
HMO	$9,590	$19,180	$25,430
PPO	$9,275	$18,550	$24,580
KAISER	$8,375	$15,720	$22,160

MAXIMUM POTENTIAL COST $127,150

RESOLUTION NO. 20-11-4

RESOLUTION OF THE BOARD OF DIRECTORS OF THE ELTORO WATER DISTRICT ESTABLISHING DATE, TIME, AND PLACE OF REGULAR BOARD MEETINGS FOR CALENDAR YEAR 2020

WHEREAS, Resolution No. 20-1-4 established the date, time and place of Regular Board meetings and Board/Engineering & Finance/Insurance Committee meetings of the Board of Directors of the El Toro Water District for calendar year 2020; and

WHEREAS, the Board of Directors has determined that conflicting meetings impacting the Regular Board Meeting on December 17, 2020 warrant a modification of the schedule for said meeting.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of the El Toro Water District does hereby change the meeting date for the December Regular Board Meeting of the District Board of Directors from 7:30 a.m. on December 17, 2020 to 7:30 a.m. on December 16, 2020.

ADOPTED, SIGNED AND APPROVED, this 24th day of November 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. 20-11-5

RESOLUTION OF THE BOARD OF DIRECTORS

OF THE EL TORO WATER DISTRICT

COMMEMORATING THE RETIREMENT OF

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

ASSISTANT GENERAL MANAGER

KARL SECKEL

WHEREAS, Karl Seckel is retiring as Assistant General Manager and District Engineer of the Municipal Water District of Orange County (MWDOC) after serving since 1983. During his tenure, Karl was a faithful public servant exercising sound stewardship with strong leadership relative to California's most valuable resource; and

WHERAS, Karl's collaboration with the 28 MWDOC member agencies to work together has been critical to the effort to improve water supply and water system supply reliability in Orange County; and

WHEREAS, Karl has provided unwavering support and involvement in the Water Emergency Response Organization of Orange County (WEROC) that provides coordination among the water and wastewater organizations in Orange County for emergency response planning, emergency activations and recovery events. WEROC is an integral partner in the Orange County Emergency Operational Area for emergency coordination and response among the water and wastewater agencies and the only organization like this in the state; and

WHEREAS, Karl provided important leadership on the Allen McColloch Pipeline (AMP), supervising operations and maintenance of the $100 M pipeline construction project in 1980 that ran from Yorba Linda and ended at ETWD's El Toro Reservoir in Mission Viejo serving 11 retail agencies; and

WHEREAS, Karl played an instrumental role in several expansions of the AMP, including the interconnection of the AMP with the South County Pipeline in the early 1990's allowing water to flow all the way to San Clemente providing service to 4 additional agencies; and

WHEREAS, Karl demonstrated unwavering commitment to ensuring long term water reliability for Orange County including ocean desalination as an alternative reliability source for Orange County, advancing studies on how to move groundwater to South Orange County during emergency events and studying Orange County's existing and future reliability out to the year 2050.

NOW, THEREFORE, BE IT RESOLVED, the El Toro Water District offers a heartfelt thank you and appreciation to Karl for his service to the residents of Orange County and the Orange County Water Community for his leadership, stewardship and contributions in enhancing Orange County's water supply and reliability, and a heartfelt congratulations in his retirement.

ADOPTED, SIGNED, and APPROVED this 24th day of November, 2020.

_____

Mark 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

GENERAL MANAGER'S REPORT

November 2020

I. OFFICE OF THE GENERAL MANAGER

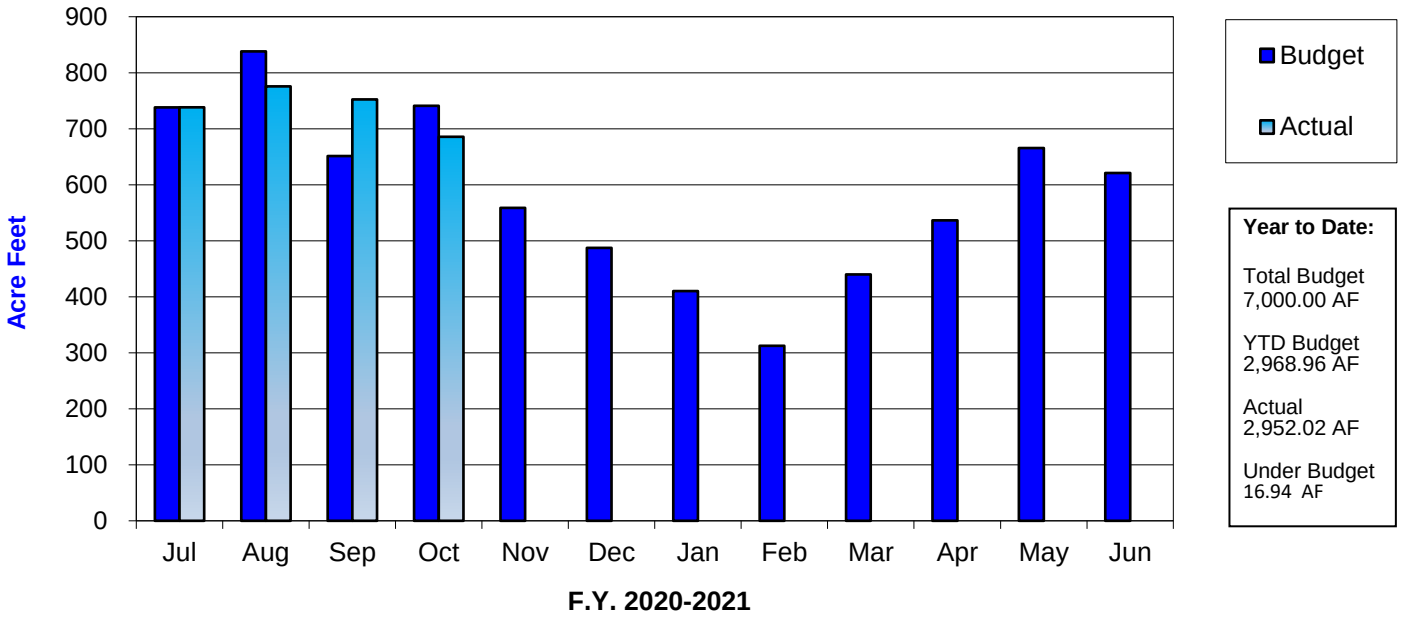
- Attended MWDOC Managers Meeting
- Attended SOCWA Task Force Meeting
- Attended SOCWA Finance Committee Meetings
- Attended MWDOC Grants Program Meeting
- Attended MWDOC/OCWD Joint Planning Meeting
- Attended All Employee Meeting
- Attended ISDOC Quarterly Meeting
- Attended South County Economic Coalition Webinar
- Attended President/Vice President/GM Meetings
- Attended MWDOC Planning/Operations Meeting
- Attended RRC Meeting
- Attended MWDOC/MET Directors Workshop
- Attended SOCWA Board of Directors Meeting
- Attended Special Board Meeting
- Attended Tour of R-6 Reservoir and Filtration Plant Building with Directors Havens & Gaskins
- Attended MWD Board Meeting
- Attended CAG Meeting
- Attended Agenda Review Meeting
- Attended MWDOC Board Meeting
- Attended OCWA Meeting
- Attended ETWD Engineering/Finance Committee Meeting
- Attended ETWD Regular Board Meeting

II. DOMESTIC AND RECYCLED WATER SALES

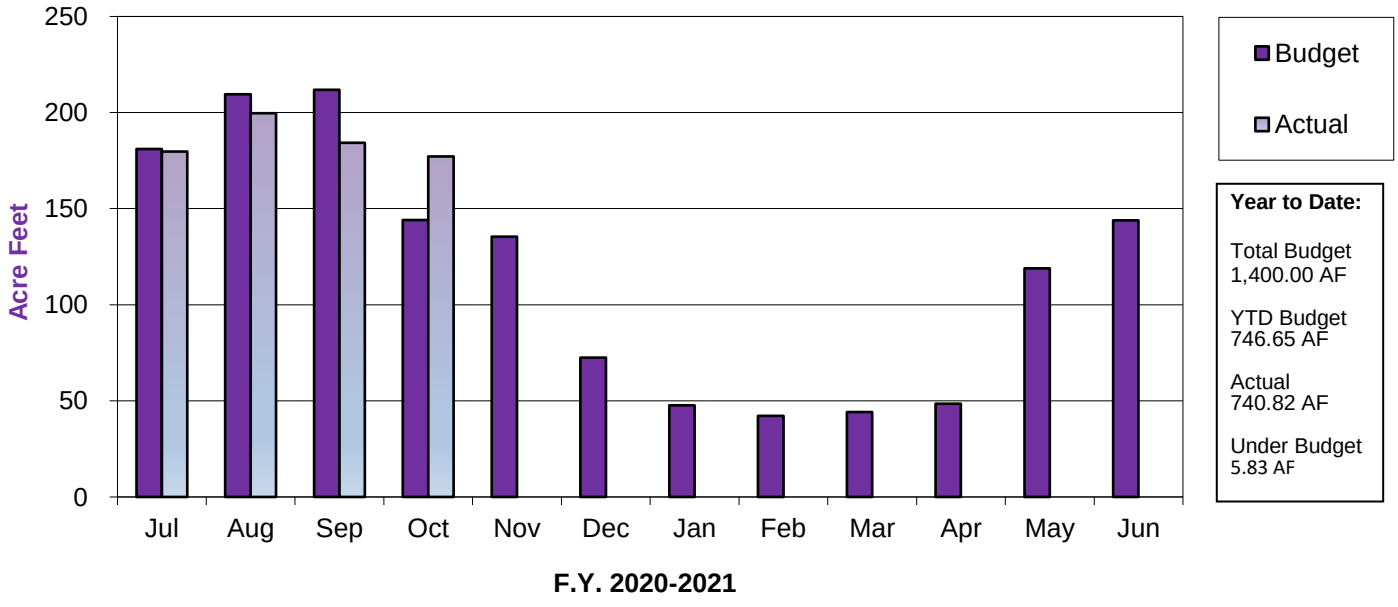
Actual domestic sales for the year-to-date as of October 31, 2020 are 2,952.02 acre-feet. This compares to year-to-date budgeted domestic sales of 2,968.96 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 16.94 acre-feet. Actual sales are 111.61 acre-feet higher than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of October 31, 2020 are 740.82 acre-feet. This compares to year-to-date budgeted recycled sales of 746.65 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 5.83 acre-feet. Actual sales are 80.09 acre-feet higher than last year-to-date actual sales for the same period.

POTABLE WATER SALES



RECYCLED WATER SALES



Customer Service Activity Report

Regular Service Calls	OCT 2020	OCT 2019
Serviceman Dispatched to Read, Connect/Disconnect Service	66	104
Field Investigations:		
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)		
Customer Responsible	21	39
District Responsible	11	5
None found/other	12	34
High Reads Checked - High Consumption (Billing Dept.) Cust Leaks: _22_ No Leaks: _49_	71	33
Check Stopped Slowed Meters-Low Consumption (Billing)	18	7
Re-Check Read	8	9
Ordinance Infraction	3	0
Recycled Water	0	1
Water Quality: Taste / Odor / Color	3	1
Phone response: _2_ Field response: _1_		
Flooding (Hydrant) Meters issued	0	1
Sewer - Odor/Stoppage/ Manhole Covers	5	5
Meter Box: Lids / Covers Replaced	22	28
Meter Box Clean, Digout	20	21
Raised Meter Box	1	1
Trim Bushes / Meter Obstruction	45	56
General Maintenance Response	5	4
Fire Hydrants: Hit / Leaks / Caps	1	0
Pressure(psi) Checks / Reads	2	8
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	10	13
AMS angle-meter-stop replace/repair	0	1
Bees Removed	3	3
Backflow / Cross Connection	6	10
Fogged Registers	57	22
OMCOP: Old Meter Change - Out Program	2	1
Other: (uncommon non-maintenance calls)	0	3
On-Call After Hrs. CS Response	16	28
# 48/24 Hr. Door Hangers Hung	0	128
# Locked Off For Non-Pay (Disconnect)	0	10
Removed Meter	0	1
New Meter	8	17
Unread Meters	9	15
Total Field Investigations	**425**	**609**

Telephone Calls	OCT 2020	OCT 2019
Change of Service: Connections and Disconnections	70	96
Billing / Payments & Graph Inquires	191	261
Assistance with online payments and ETWD's portal (cc, e-checks, other.)	24	46
Variance / Adjustment Inquiries	33	39
Variance / Adjustment Requests Processed	12	16
Ordinance Infraction / Water Waste Complaints	1	0
Outside Utility Districts	69	83
Phone calls Transfer to other Departments within ETWD	52	64
Phone calls for the Board of Directors	1	0
Recycled Water	1	1
Water Quality Taste - Odor - Color	5	2
Leaks / Breaks	14	15
Flooding Meter calls (Hydrant)	0	1
Sewer Problems (odor / spills)	4	4
Backflow / Cross Connection (questions or yearly testing forms)	1	1
ETWD facilities inquiries: Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	11	16
Tyco (ADT) Calls (Alarms to ETWD facilities)	1	2
ATT Calls (access to tower sites)	1	0
SCE Calls (access to tower sites)	1	0
Pager Calls specifically for Pump Stations - SCADA	0	0
Payment Extensions	8	56
Delinquent Payment Calls to Customer 's prior to shut off per billing calendar (automatic courtesy dialer)	154	58
Return Calls from customers left on our voice mail system. Ext 500	6	11
Email Correspondence:	96	52
Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	4	1
Misc. (other: employment, deliveries, sales calls)	26	49
Total Telephone Calls	**786**	**874**

Uncollectible Accounts:		
Budget YTD	**$ 6,667.00**	**$ 6,667.00**
Actual YTD	**$ (253.00)**	**$ 1,698.00**

Credit Card Payments	**OCT 2020**		**OCT 2019**
REGULAR	**875**	**$107,036.39**	**873** **$93,998.35**

(WRP) Tertiary Treatment Plant

October-20

Total Recycled Water Production

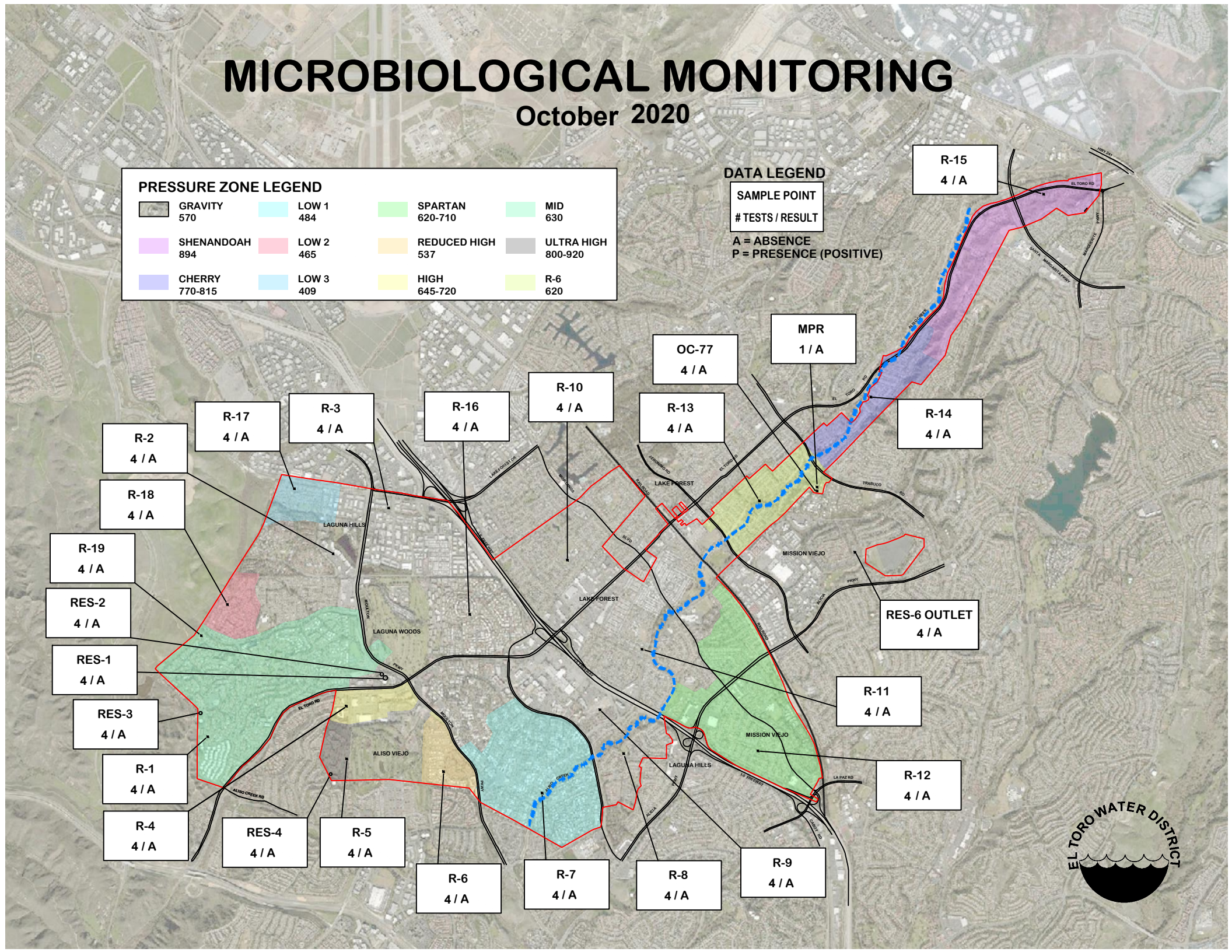
Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q MGD	0.324	1.354	0.082	1.760
Total Q MG	10.045	41.970	2.531	54.546
Total Acre Feet	30.827	128.801	7.767	167.399

*** No Potable Water Was Used to Supplement the Demand for Recycled Water in October**

**Note: The Potable make-up water ABB flow meter totalizer displayed 272,460 gallons used.
However, The trends for this flow meter showed no signs of any water used in October.
After further investigation we discovered that the flow meter displays 6 gpm, even though there was no water flowing through this pipe. We will have an MCRT meter technician zero and calibrate this flow meter as soon as possible.

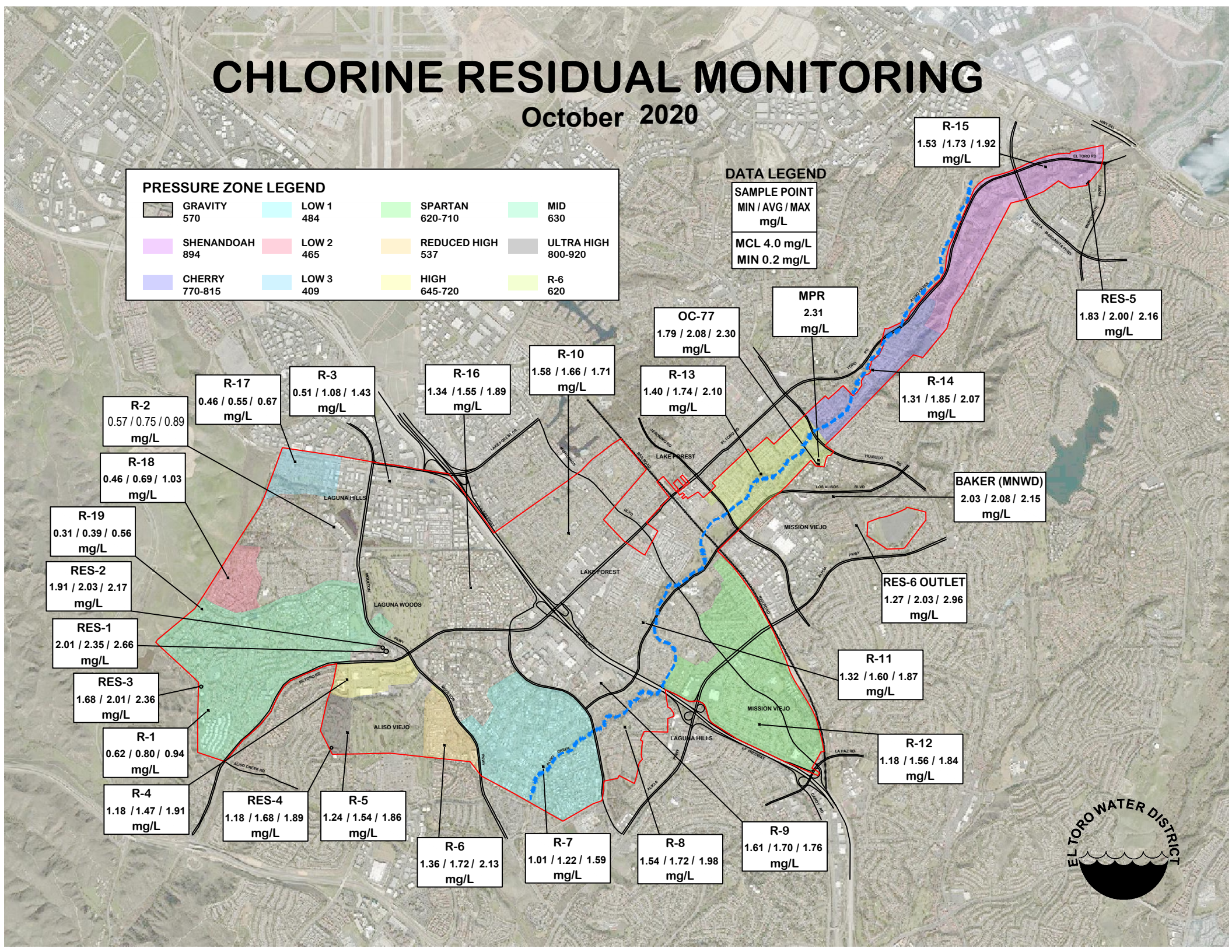
MICROBIOLOGICAL MONITORING

October 2020



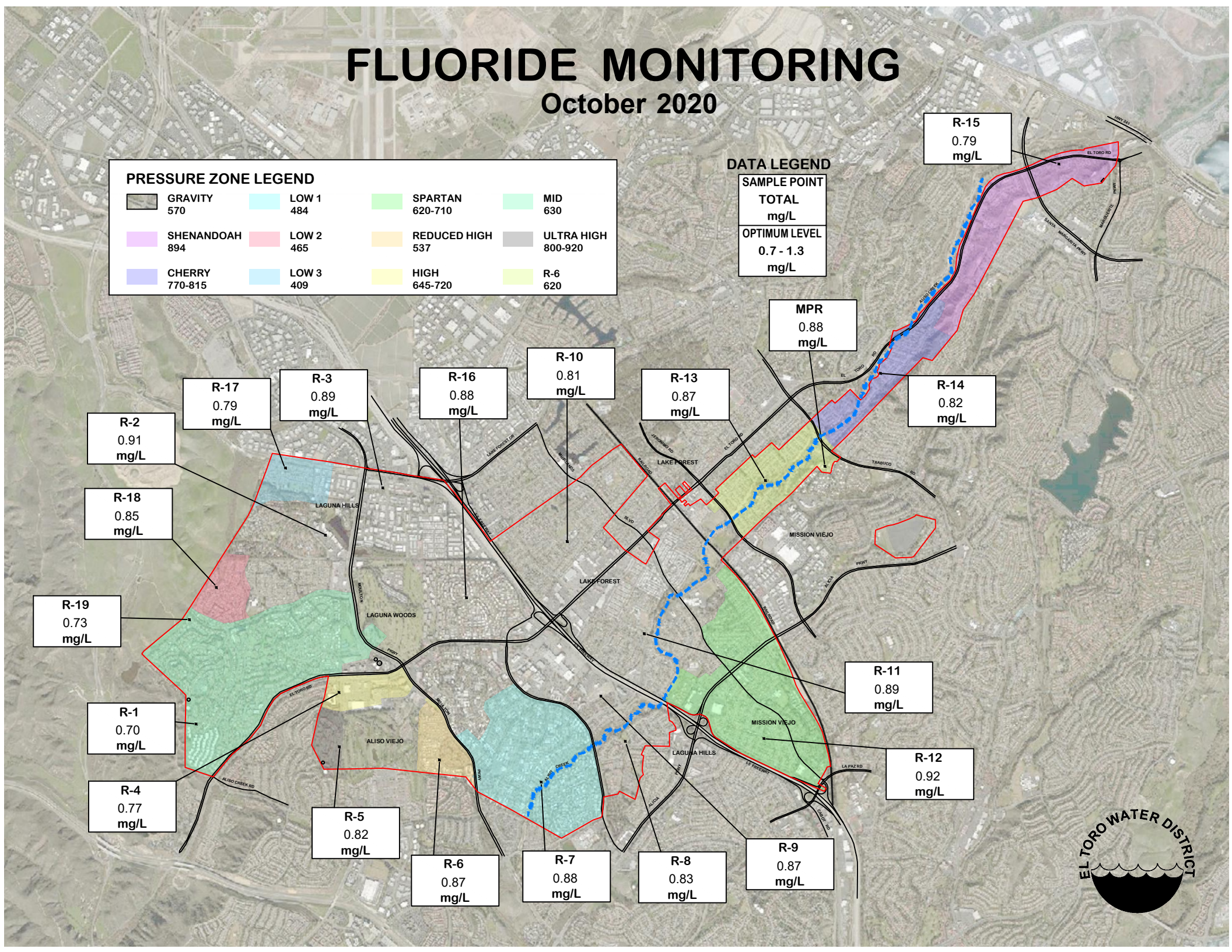
CHLORINE RESIDUAL MONITORING

October 2020



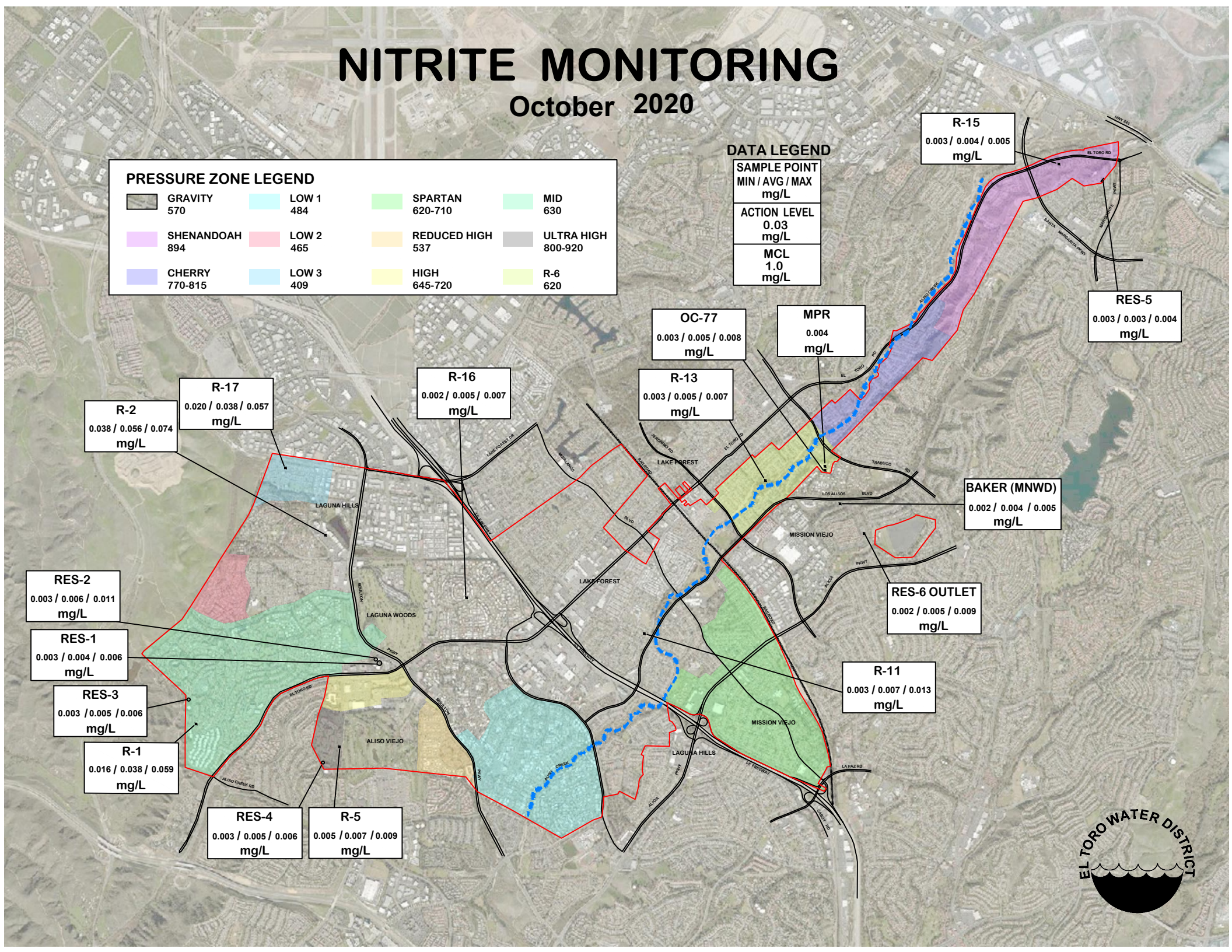
FLUORIDE MONITORING

October 2020

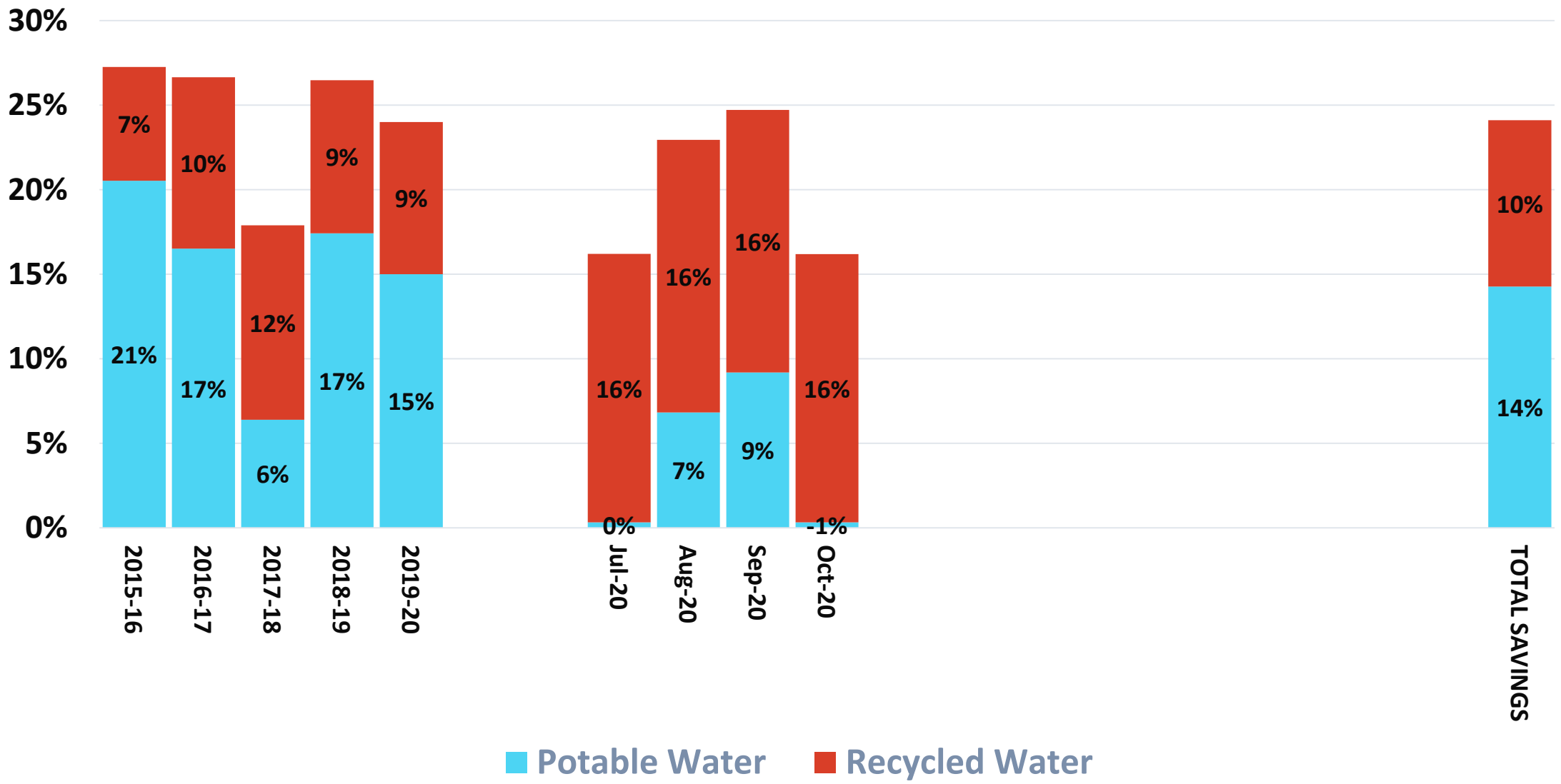


NITRITE MONITORING

October 2020



ETWD WATER SAVINGS COMPARED TO 2013



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-iological 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: OCTOBER YEAR : 2020

CONSTITUENT		INSIDE LAB		OUTSIDE LAB	
ANALYSIS	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	147	Absence		Average
2 Chlorine (ppm)	Detectable Resid	218	Average = 1.33 ppm		
3 TTHM (ppb) (Stage 2)	80 ppb		N/A		(ppb)
3 HAA5 (ppb) (Stage 2)	60 ppb		N/A		(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	73.0°F To 79.0°F		
5 Nitrite (Alert/Action level)ppm	0.015 to 0.030 ppm	92	0.001 to 0.011 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**

EL TORO WATER DISTRICT
COLLECTION SYSTEM ACTIVITY REPORT

MONTH ENDING: October 2020

ODOR COMPLAINTS	**NUMBER**	**LOCATION, ORIGIN, ACTION:**
Outside Laguna Woods Village	3	23025 millcreek LH, 22825 Cedarspring LF, 23452 ridgeroute LH
Outside Laguna Woods Village		
Laguna Woods Village		
New World		
Private System		
Other: WRP		
TOTAL	**3**	

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	32,762	
Laguna Woods Village	**31,633**	
New World		
TOTAL		

HYDRO-CLEANING	**FOOTAGE**	**COMMENTS:**
Outside Laguna Woods Village		
Laguna Woods Village		
New World		
Private System		
Hot Spots	15,685	
ETWD TOTALS:		
SANTA MARGARITA TOTALS:		
COMBINED TOTALS:		

TV INSPECTIONS	**FOOTAGE**	**COMMENTS:**
Outside Laguna Woods Village	297	**Spent all work resources this month on root cutting maintenance.**
Laguna Woods Village	207	
New World		
Private System		
Other		
TOTAL	**504**	

Wet Wells	**Number**	**3**	MATHIS-LAPAZ-FREEWAY
Flow Meter/Sampling	**Number**		
WATER TANK FILLS 80	**80,000**		

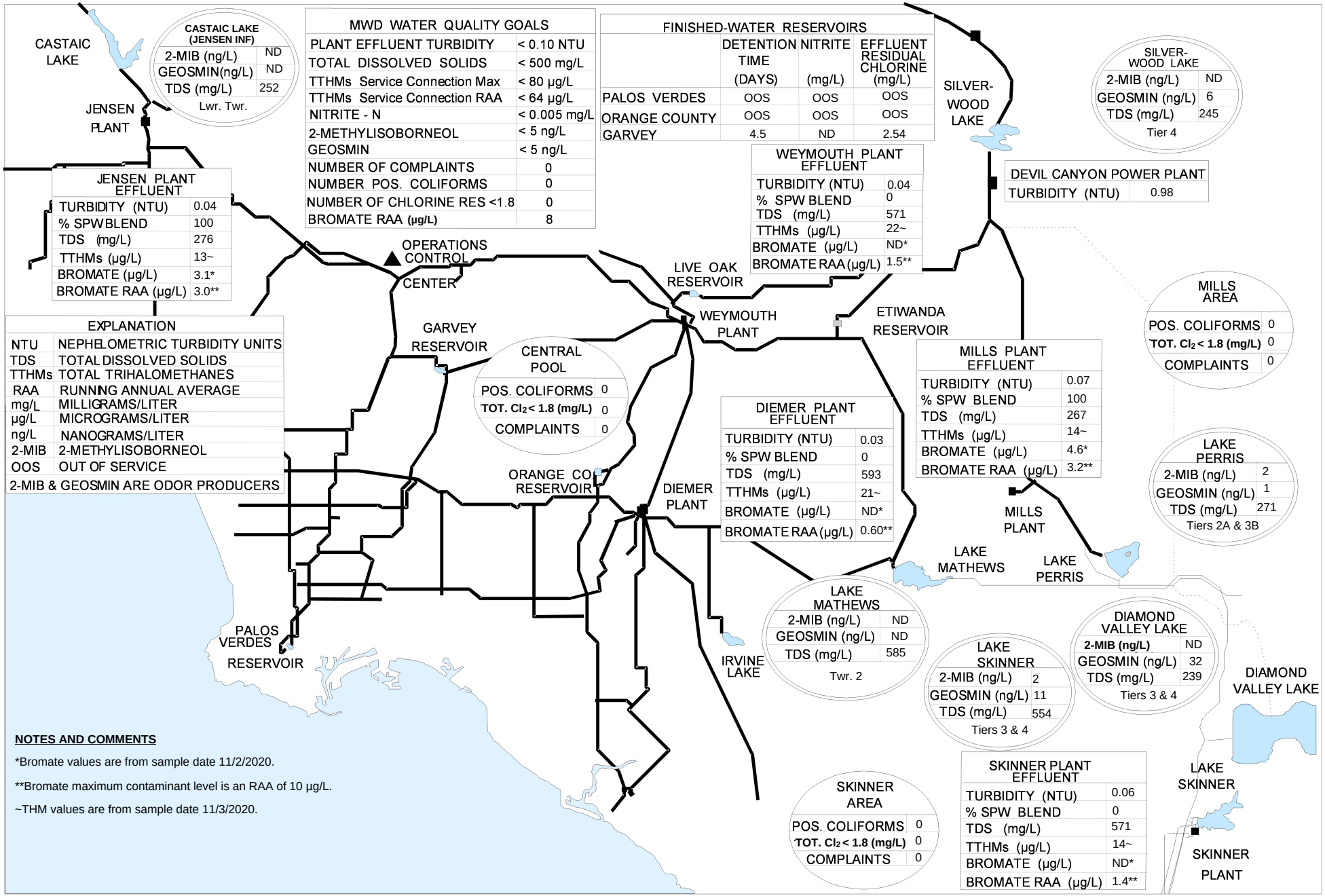
Weekly Water Quality System Status

Tuesday, November 10, 2020

Generated On:11/10/2020 10:57:15 AM

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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



NOTES AND COMMENTS

*Bromate values are from sample date 11/2/2020.

**Bromate maximum contaminant level is an RAA of 10 µg/L.

~THM values are from sample date 11/3/2020.

MWD water quality goals meet or exceed all State and Federal regulations.

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

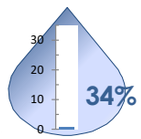
Water Supply Conditions Report

As of: 11/02/2020

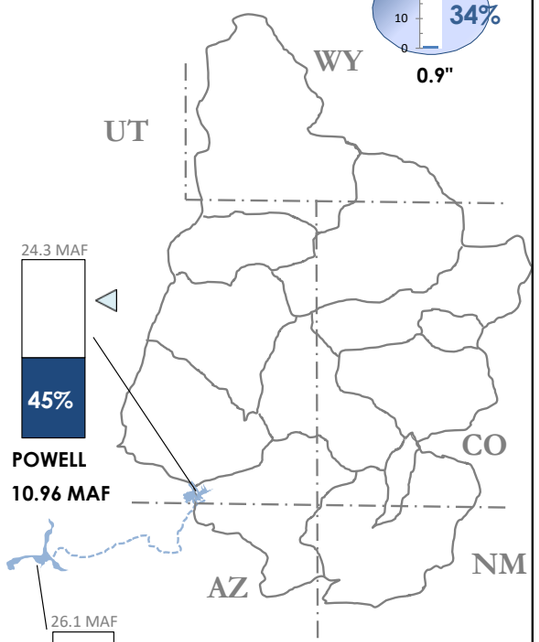
2020 Colorado River

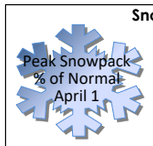
829,000 AF
Projected CRA Diversions

Upper Colorado River Basin
N/A



0.9"





Snow Water Equivalent (% of Normal)

- No Data
- Less than 50
- 50 - 80
- 81 - 120
- 121 - 150
- Greater than 150

Turn page for more CRA Data

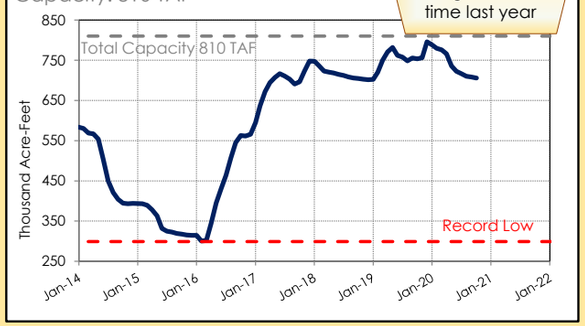
Flip Over for SWP Data

Happy New Water Year!

Diamond Valley Lake Storage

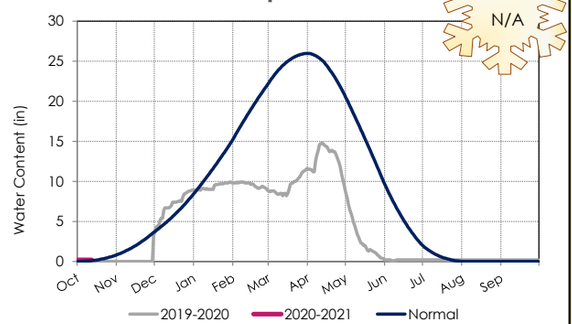
Capacity: 810 TAF

48 TAF less in storage than this time last year

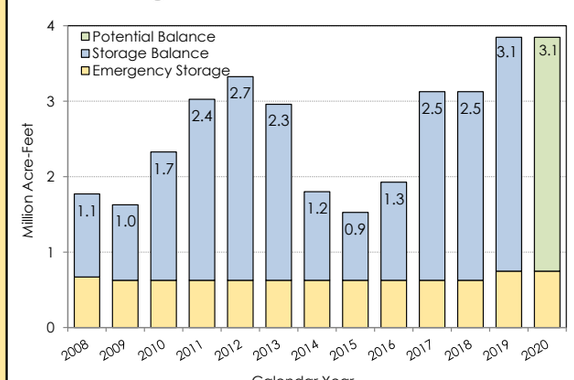


Southern Sierra Snowpack

N/A



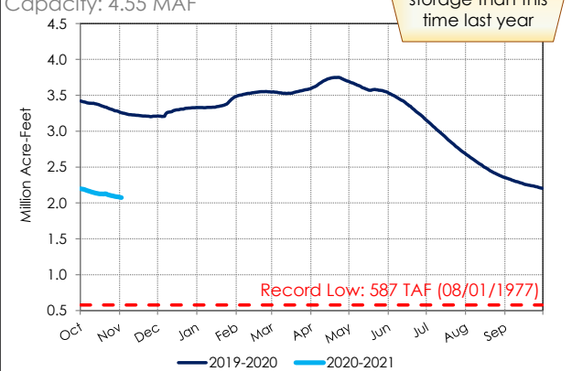
MWD Storage Reserve Levels



Lake Shasta Reservoir Storage

Capacity: 4.55 MAF

1.18 MAF less in storage than this time last year



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

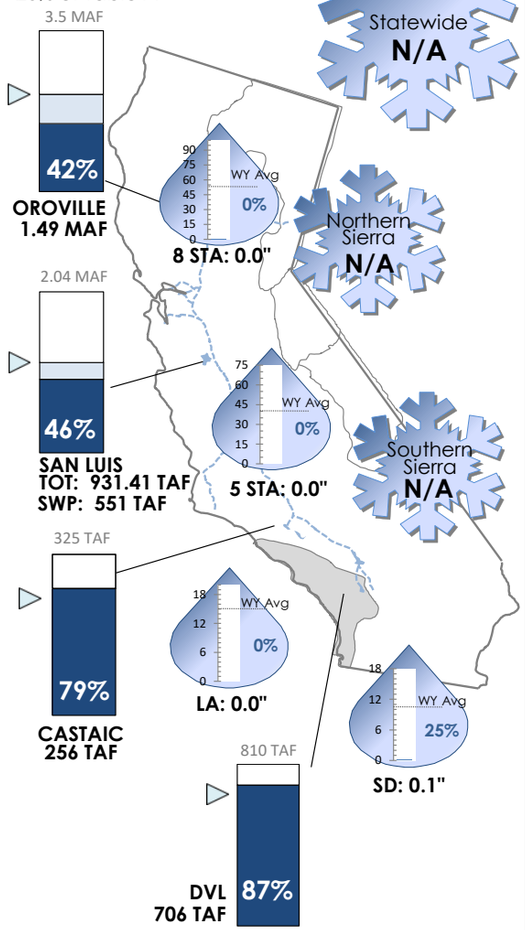
Water Supply Conditions Report

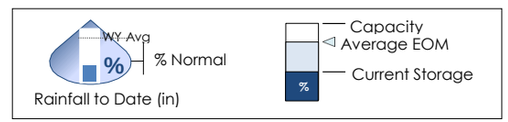
As of: 11/02/2020

2020 SWP Allocation

382,300 AF
20% of Table A

Statewide
N/A





Flip Over for CRA Data

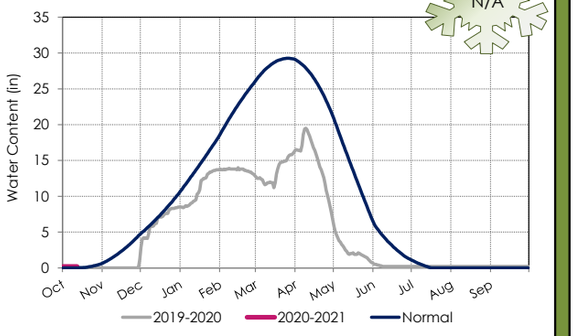
Turn page for more SWP Data

State Water Project Resources

As of: 11/02/2020

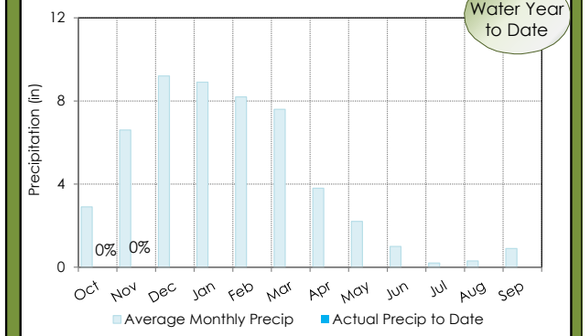
Northern Sierra Snowpack

N/A



8 Station Index Precip

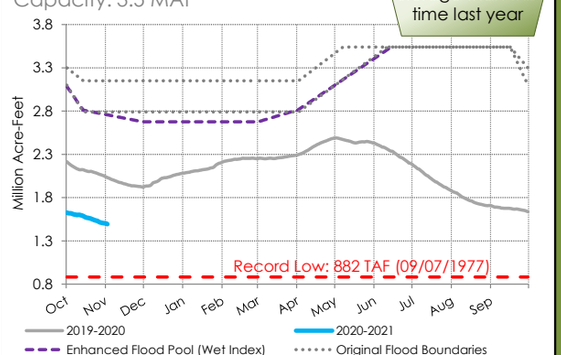
0.0 in. Water Year to Date



Oroville Reservoir Storage

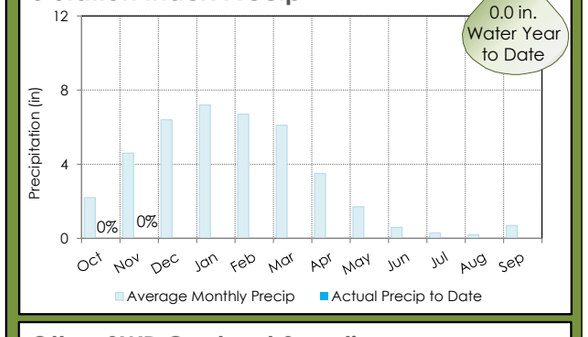
Capacity: 3.5 MAF

532 TAF less in storage than this time last year



5 Station Index Precip

0.0 in. Water Year to Date



Other SWP Contract Supplies

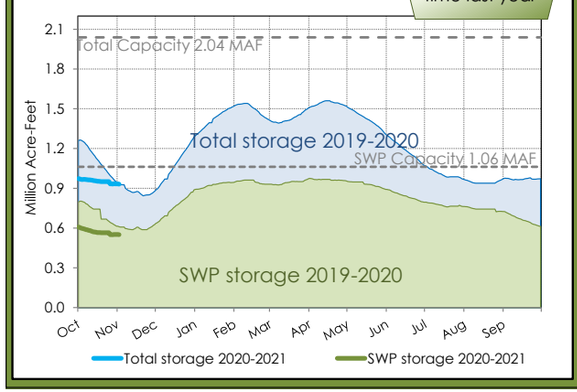
Calendar Year 2020

Carryover	Transfer Supplies
330,766 AF	5,000 (est.) AF

San Luis Reservoir Storage

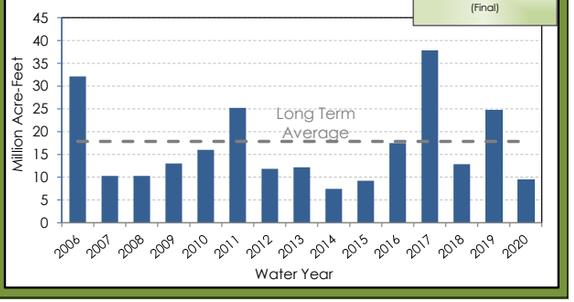
Capacity: 2.04 MAF

57 TAF less in SWP storage than this time last year



Sacramento River Runoff

WY 2020
54% of normal
(Final)

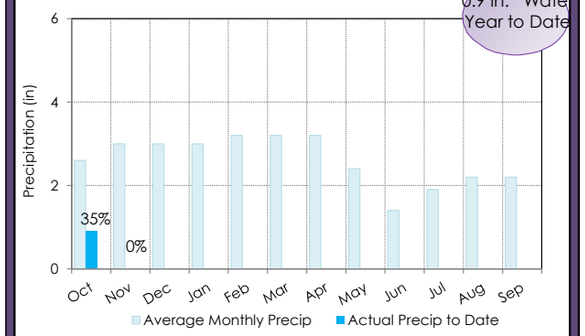


Colorado River Resources

As of: 11/02/2020

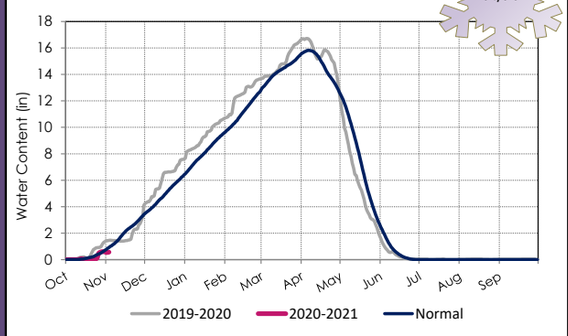
Upper Colorado Basin Precip

0.9 in. Water Year to Date

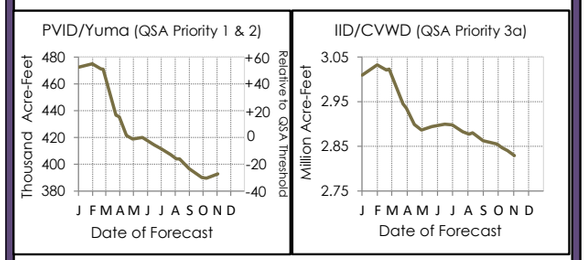


Upper Colorado Basin Snowpack

N/A



2020 Colorado River Ag Use



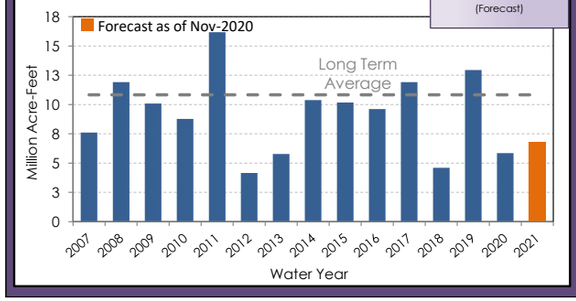
Lake Mead Shortage/Surplus Outlook

	2021	2022	2023	2024	2025
Shortage	0%	23%	44%	49%	53%
Surplus	0%	0%	4%	7%	11%

Likelihood based on results from the August 2020 CRSS model run. Includes DCP Contributions.

Powell Unregulated Inflow

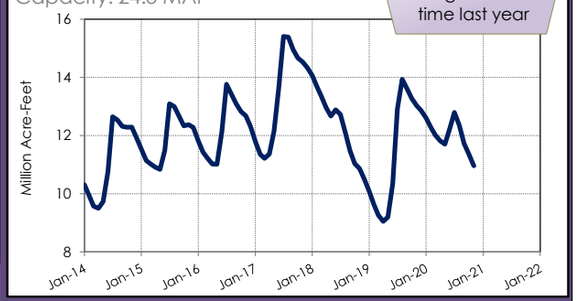
WY 2021
63% of normal
(Forecast)



Lake Powell Storage

Capacity: 24.3 MAF

2.06 MAF less in storage than this time last year



Projected Lake Mead ICS

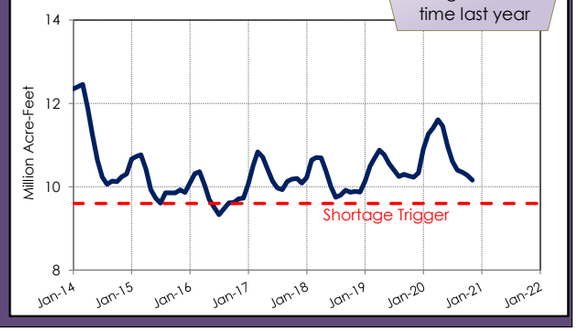
Calendar Year 2020

Put (+)/Take(-)
+ 360,000 AF

Lake Mead Storage

Capacity: 26.1 MAF

80 TAF less in storage than this time last year



Memorandum

DATE: November 18, 2020

TO: Member Agencies – MWDOC Division Five

FROM: Sat Tamaribuchi, Director – Division Five

SUBJECT: Monthly Water Usage Data, Tier 2 Projection & Water Supply Information

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The attached figures show the recent trend of water consumption in Orange County (OC), an estimate of Imported Water Sales for MWDOC, and selected water supply information.

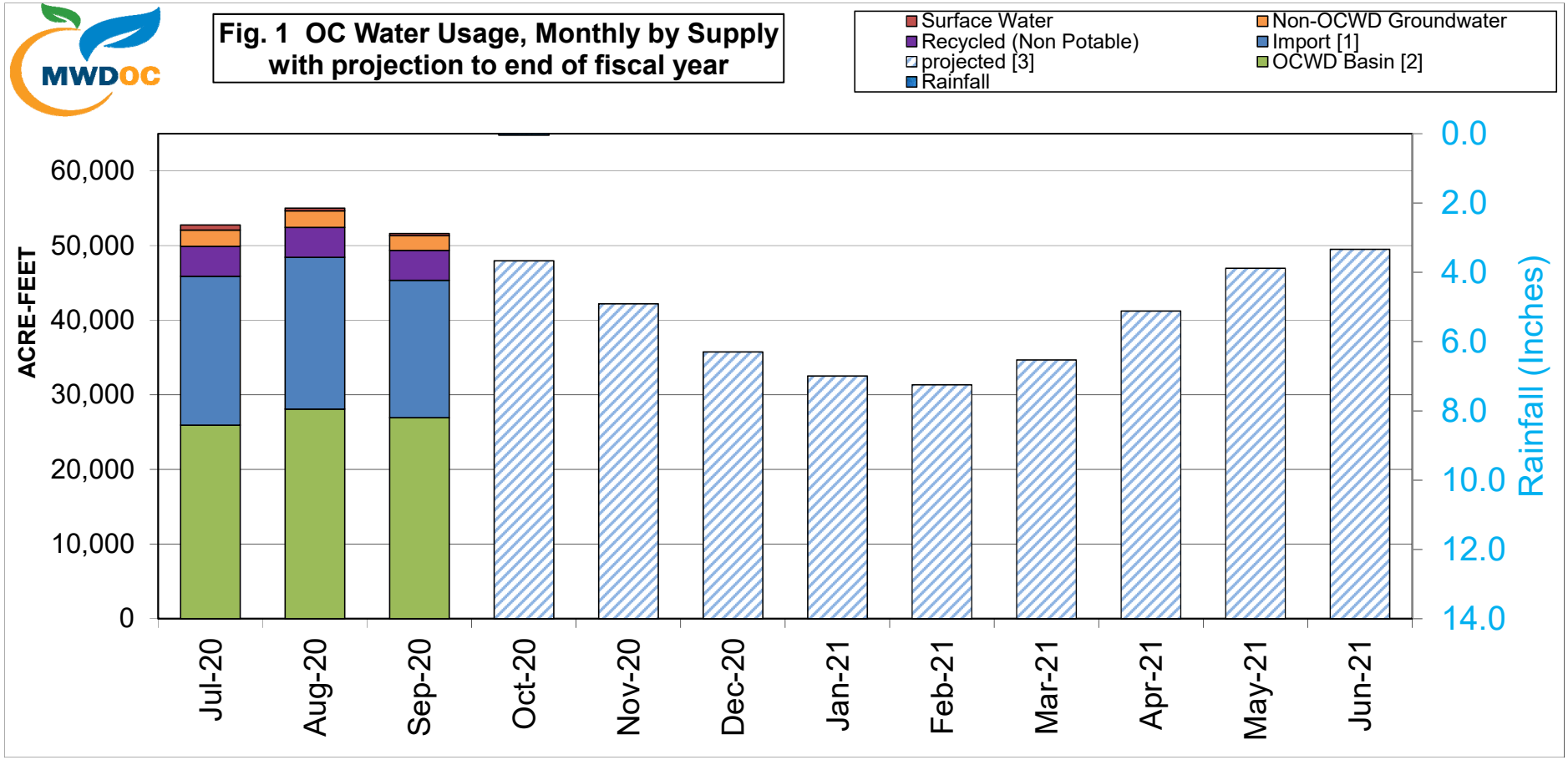
- OC Water Usage, Monthly by Supply ***OCWD Groundwater was the main supply in September.***
- OC Water Usage, Monthly, Comparison to Previous Years Water usage in ***August 2020 was slightly below average compared to the last 5 years***. We are projecting a slight decrease in overall water usage compared to FY 2019-20. It has been 42 months since all mandatory water restrictions were lifted by the California State Water Resources Control Board.
- Historical OC Water Consumption Orange County M & I water consumption is ***projected*** to be ***522,000 AF in FY 2020-21*** *(this includes ~15 TAF of agricultural usage and non-retail water agency usage).* This is about ***12,000 AF less than FY 2019-20*** and is about ***7,000 AF more than FY 2018-19***. Water usage per person is projected to be slightly lower in ***FY 2020-21 for Orange County at 145 gallons per day*** (This includes recycled water). Although OC population has increased 20% over the past two decades, water usage has not increased, on average. A long-term decrease in per-capita water usage is attributed mostly to Water Use Efficiency (water conservation) efforts. ***O.C. Water Usage for the last five Fiscal Years is the lowest since the 1982-83 Fiscal Year*** (FY 1982-83 was the third wettest year on record).

Water Supply Information Includes data on Rainfall in OC; the OCWD Basin overdraft; Northern California and Colorado River Basin hydrologic data; the State Water Project (SWP) Allocation, and regional storage volumes. The data have implications for the magnitude of supplies from the three watersheds that are the principal sources of water for OC. Note that a hydrologic year is Oct. 1st through Sept. 30th.

- Orange County's accumulated precipitation through ***early November*** was below average for this period. Water year to date rainfall in Orange County is ***0.04 inches***, which is ***7% of normal***.

- Northern California accumulated precipitation through ***early November*** was ***0.28% of normal for this period***. Water Year 2019 was 137% of normal while water year 2018 was 82% of normal. The ***Northern California snowpack*** was ***71% of normal*** as of April 8th. ***As of early October, 67.65%*** of California is experiencing ***moderate to extreme drought conditions*** while 84.60% of the state is experiencing abnormally dry conditions. The State Water Project Contractors Table A Allocation was increased to 20% in May 2020.

- Colorado River Basin accumulated precipitation through ***early November was 33% of normal*** for this period. The ***Upper Colorado Basin snowpack was 100% of normal*** as of April 6th***. Lake Mead and Lake Powell*** combined have about ***59% of their average storage volume*** for this time of year and are at ***42.1% of their total capacity***. If Lake Mead's ***level falls below a "trigger" limit 1,075 ft. at the end of a calendar year***, then a shortage will be declared by the US Bureau of Reclamation (USBR), impacting Colorado River water deliveries to the Lower Basin states. As of early October, Lake Mead levels were ***6.78' above the "trigger" limit***. The USBR predicts that the start of 2020 will not hit the "trigger" level but there is ***a 0% chance that the trigger level will be hit in 2021 and a 23% chance in 2022.***

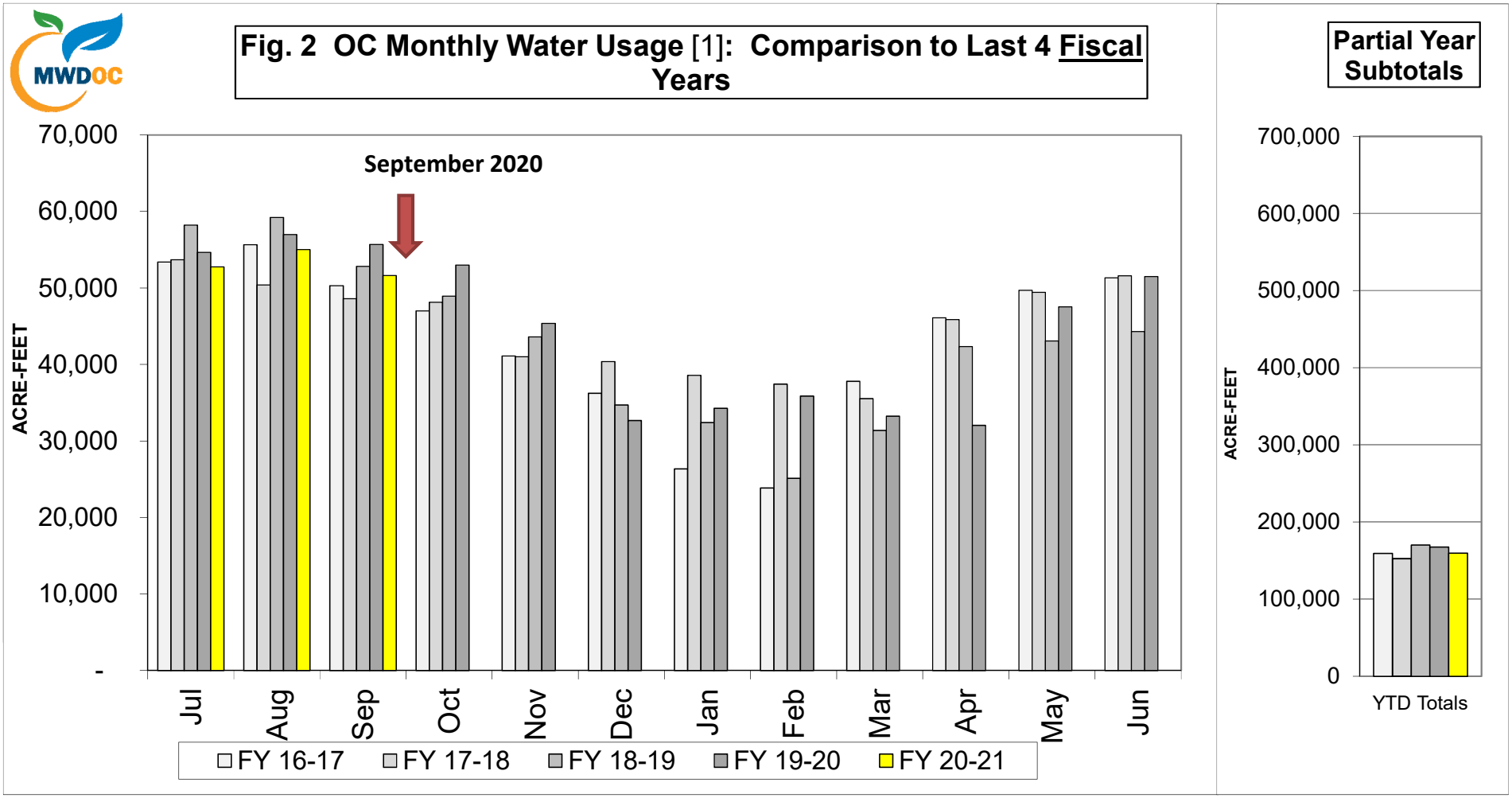


[1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water and deliveries into Irvine Lake.

[2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '20-21 is 77%.

[3] MWDOC's estimate of monthly demand is based on the projected 5 Year historical retail water demand and historical monthly demand patterns.

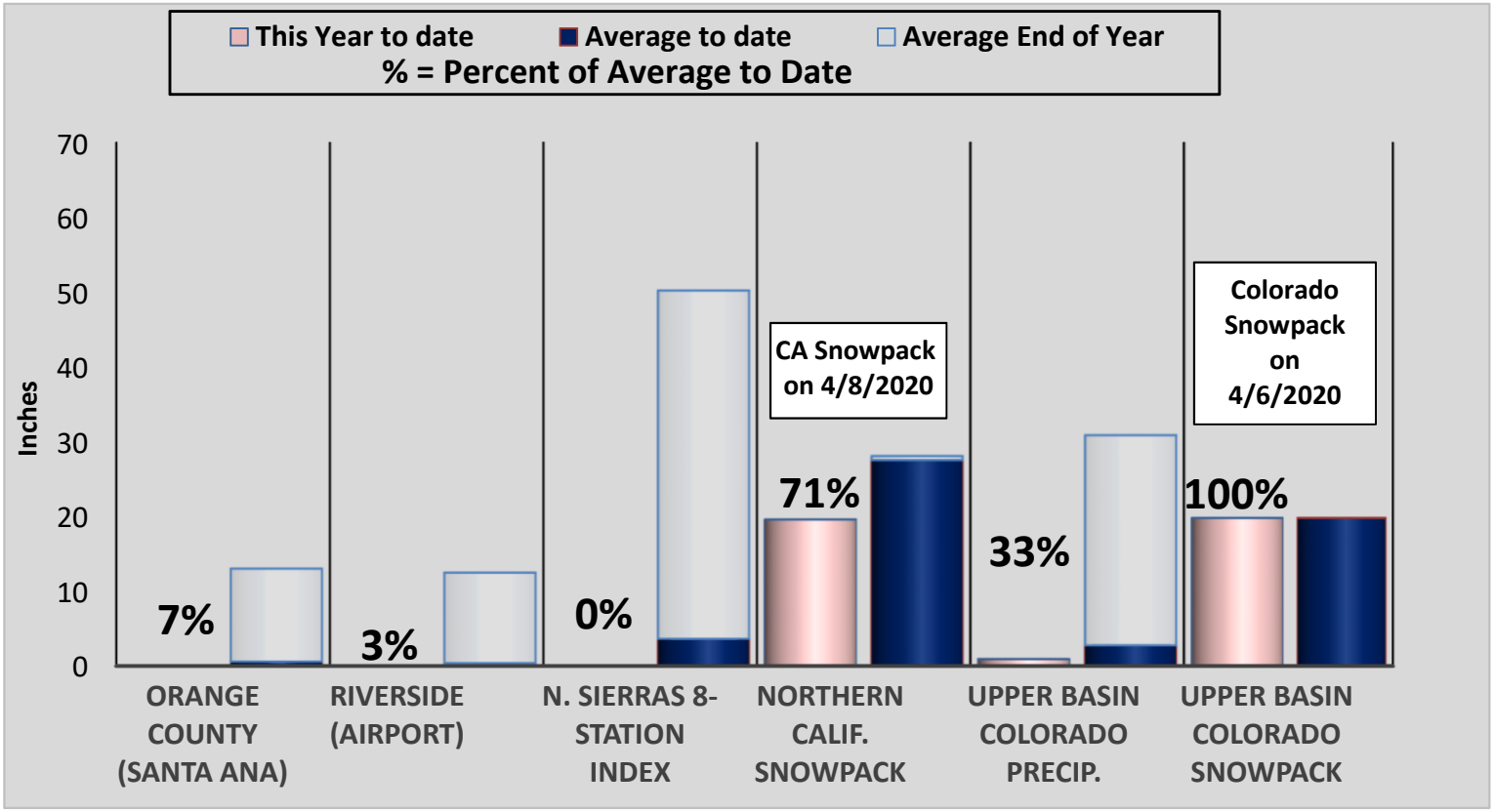
[4] Total water usage includes IRWD groundwater agricultural use and usage by non-retail water agencies.



[1] Sum of Imported water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment "and "Barrier Replenishment") and Local water for consumptive use (includes recycled and non-potable water and excludes GWRS production) Recent months numbers include some estimation.

Accumulated Precipitation

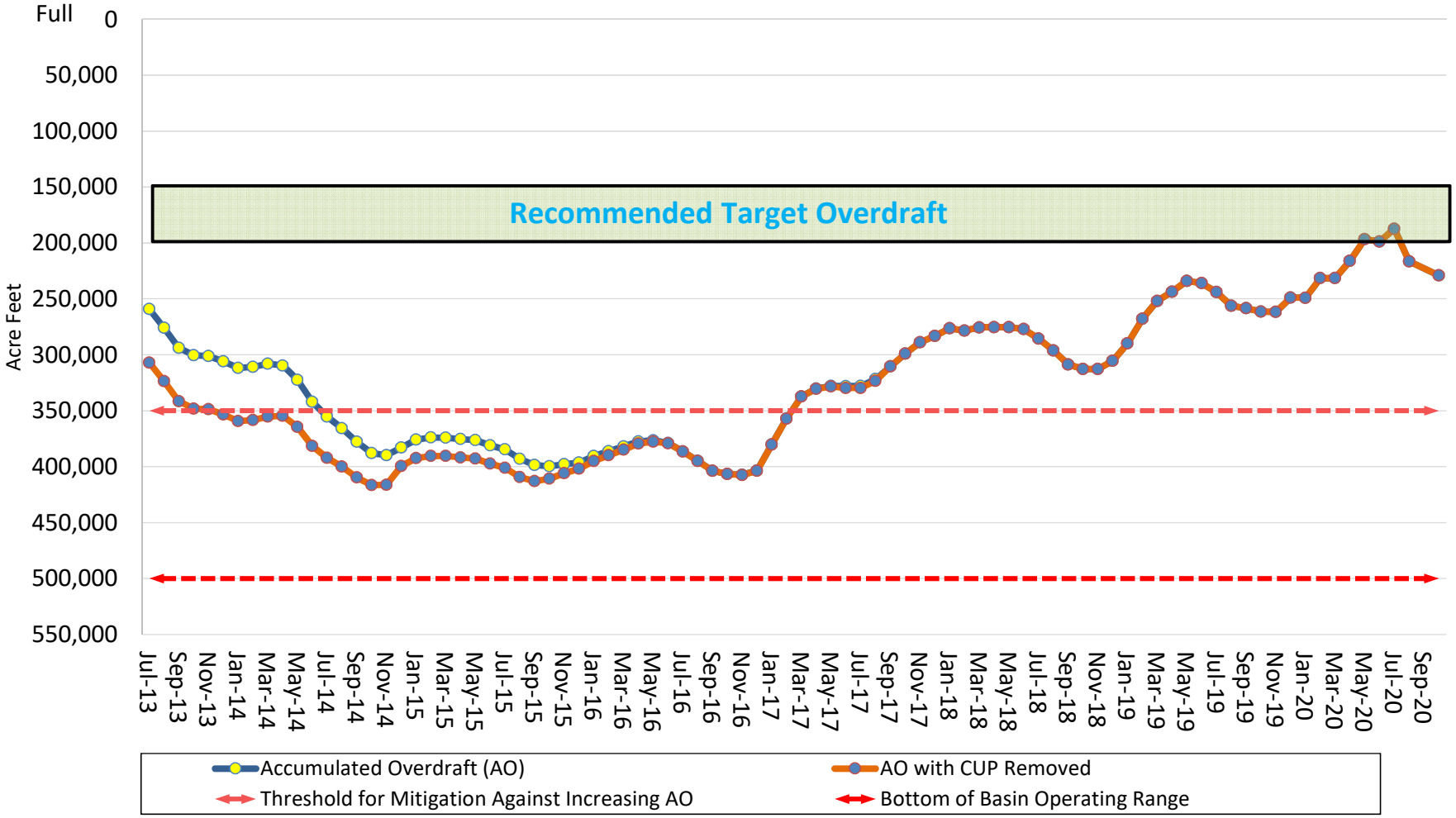
for the *Oct.-Sep.* water year, early November 2020



MWDOC

* The date of maximum snowpack accumulation (April 1st in Northern Calif. , April 15th in the Upper Colorado Basin) is used for year to year comparison.

Accumulated Overdraft of the OCWD Groundwater Basin as of September 2020

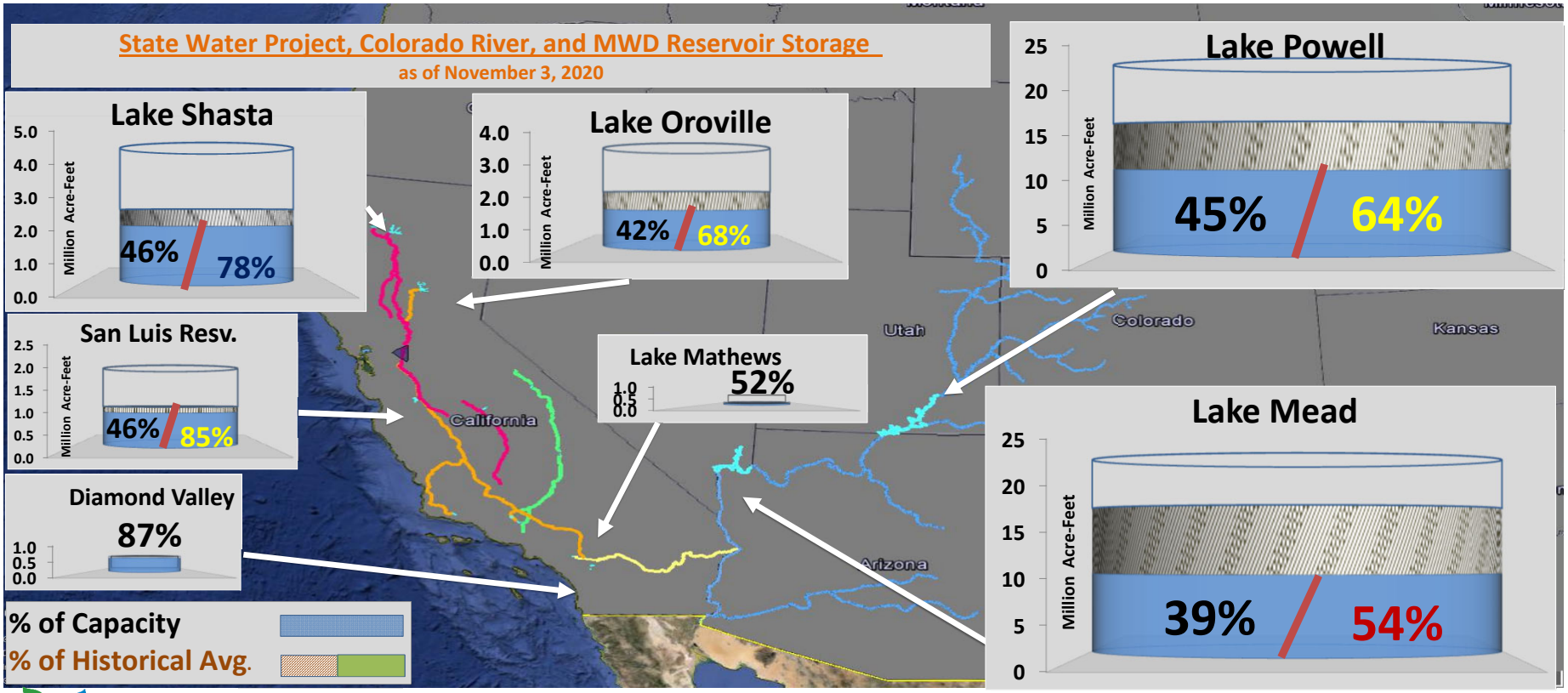


	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
AO (AF)	244,057	256,239	258,445	261,464	261,645	248,909	249,051	231,354	231,354	216,098	196,677	198,754
AO w/CUP removed (AF)	244,057	256,239	258,446	261,464	261,645	248,909	249,051	231,354	231,354	216,098	196,677	198,754
	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
AO (AF)	187,392	216,548	229,124									
AO w/CUP removed (AF)	187,392	216,548	229,124									

**** Source ~ OCWD Monthly Board of Directors Packet, Water Resources Summary***

MWDOC

Source of data = OCWD monthly Water Resources Report in Board meeting packet

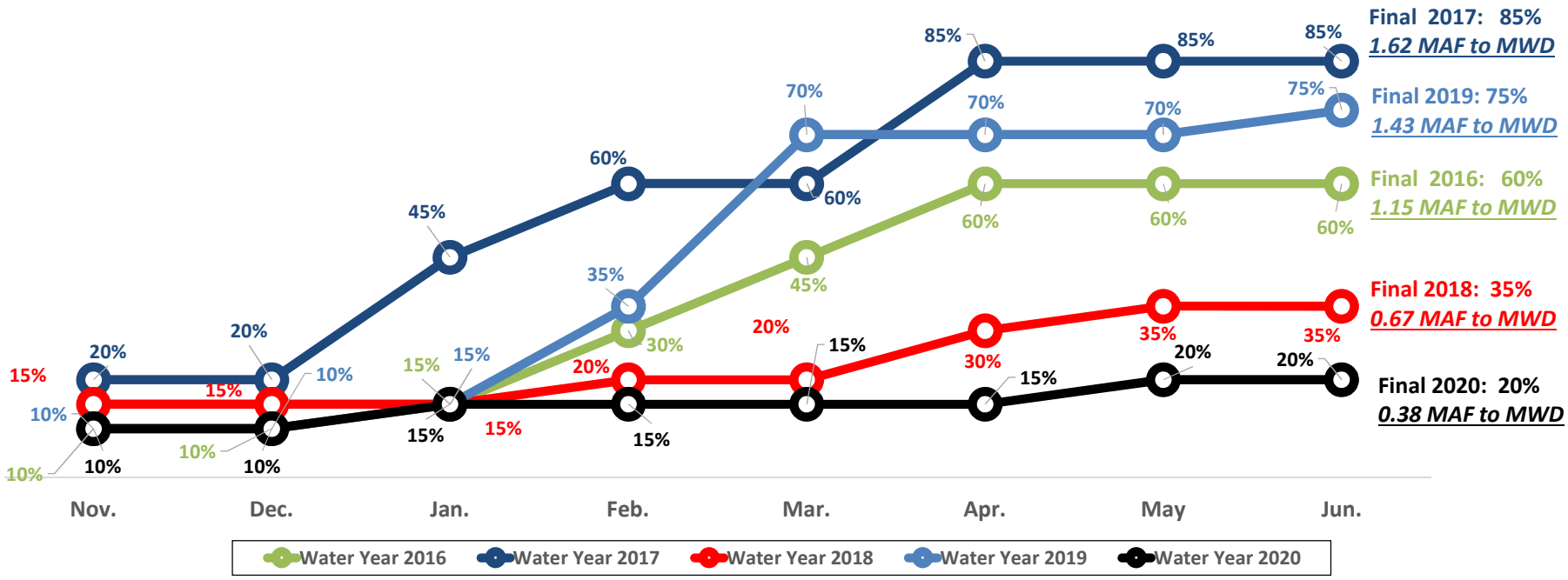


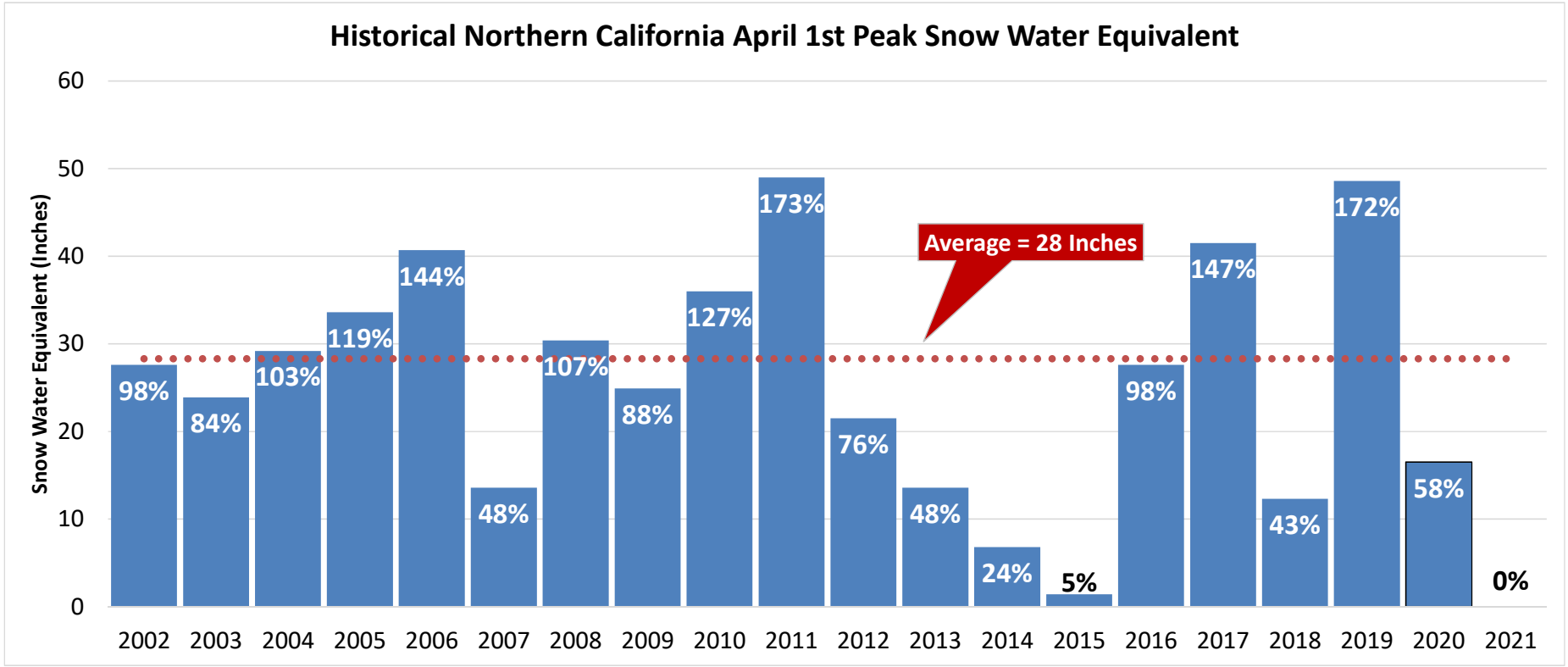
MWDOC

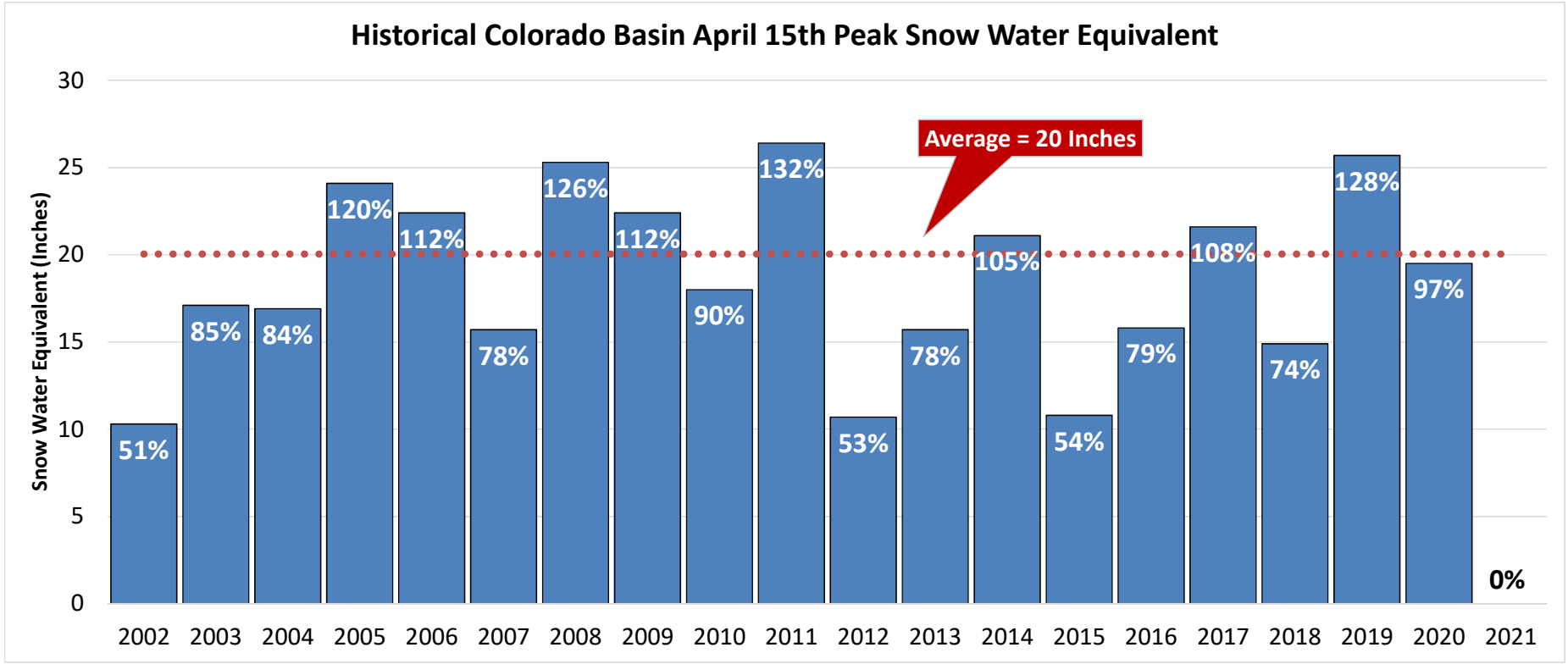
prepared by the Municipal Water District of Orange County
*Number are Subuject to Change

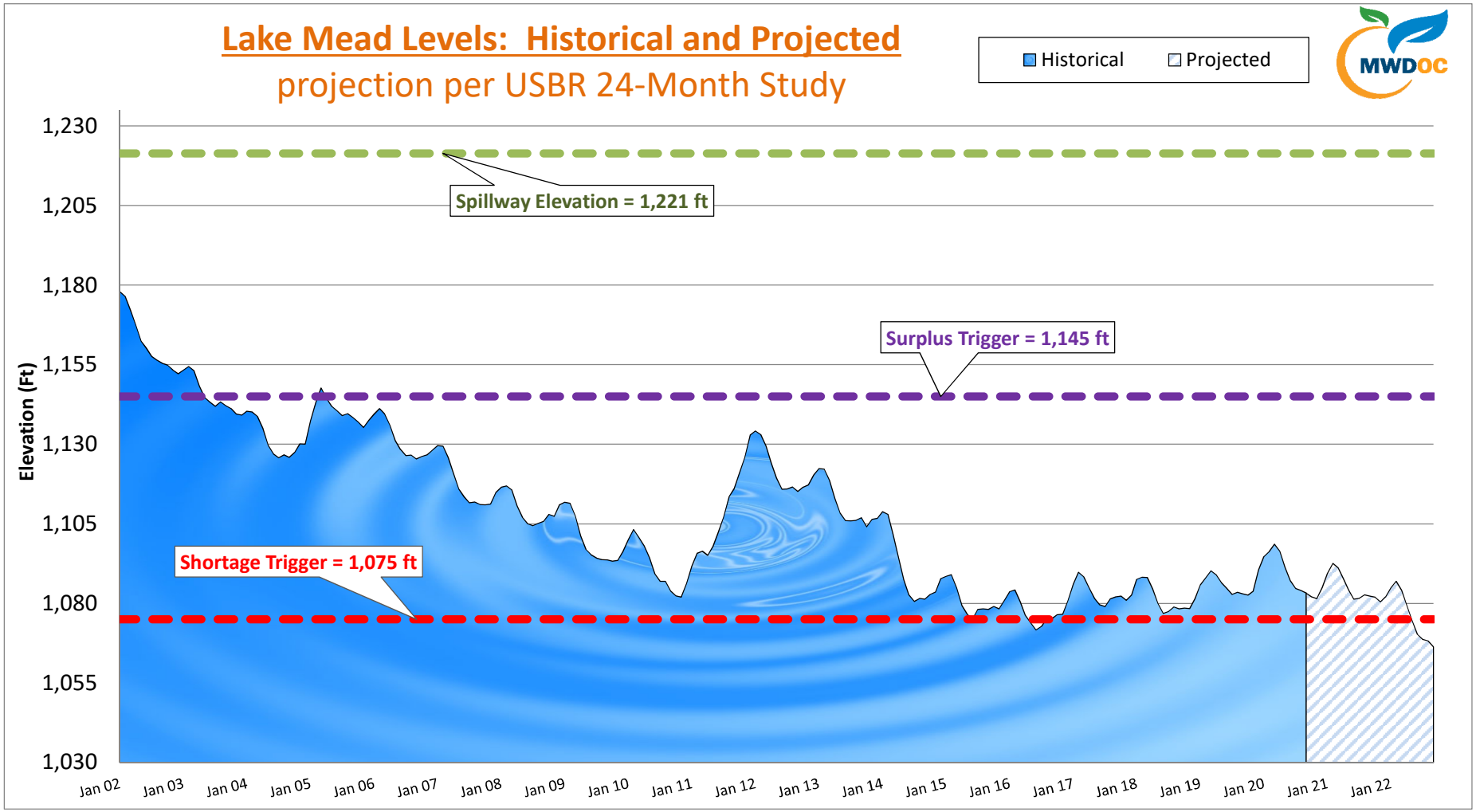
SWP TABLE A ALLOCATION

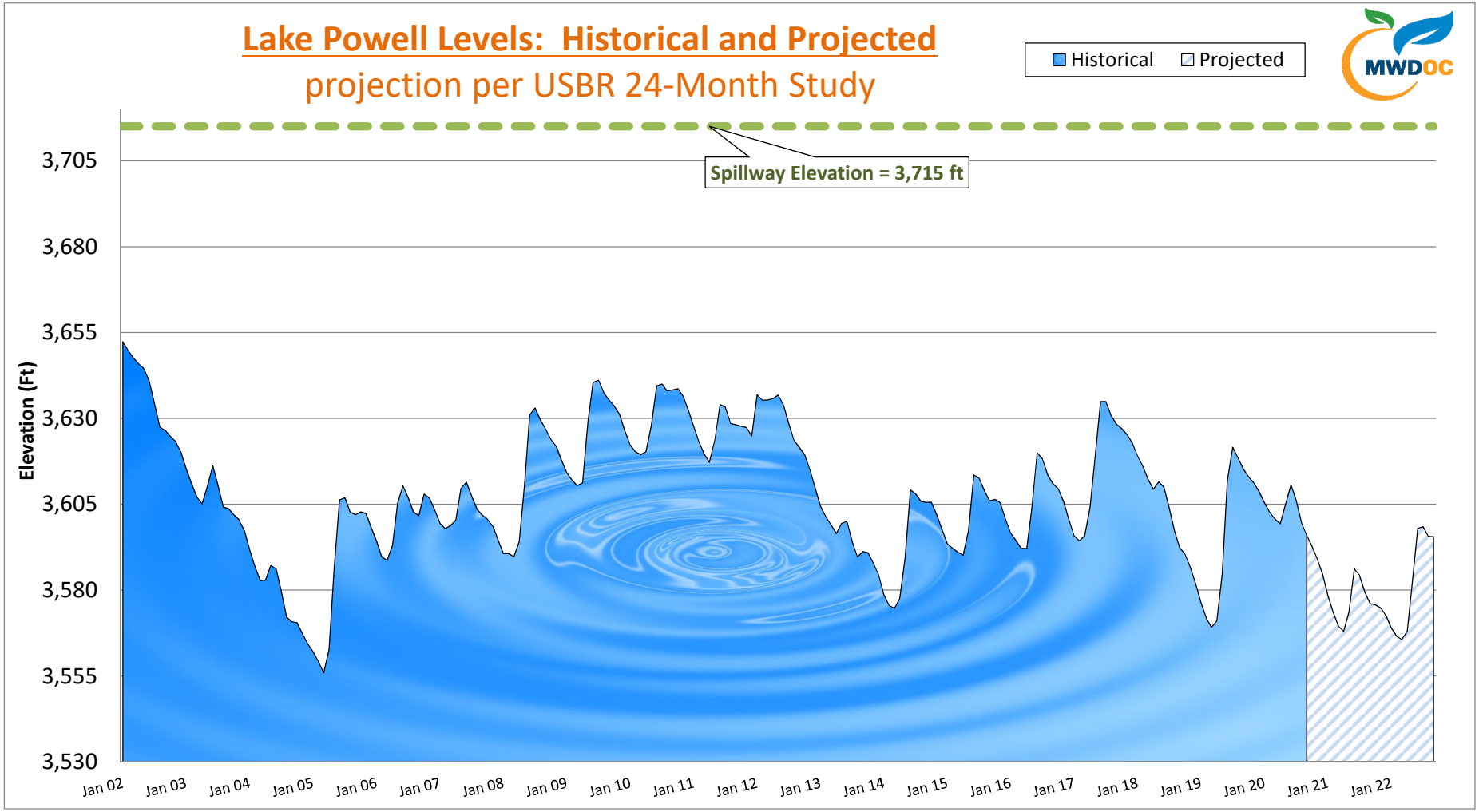
FOR STATE WATER PROJECT CONTRACTORS

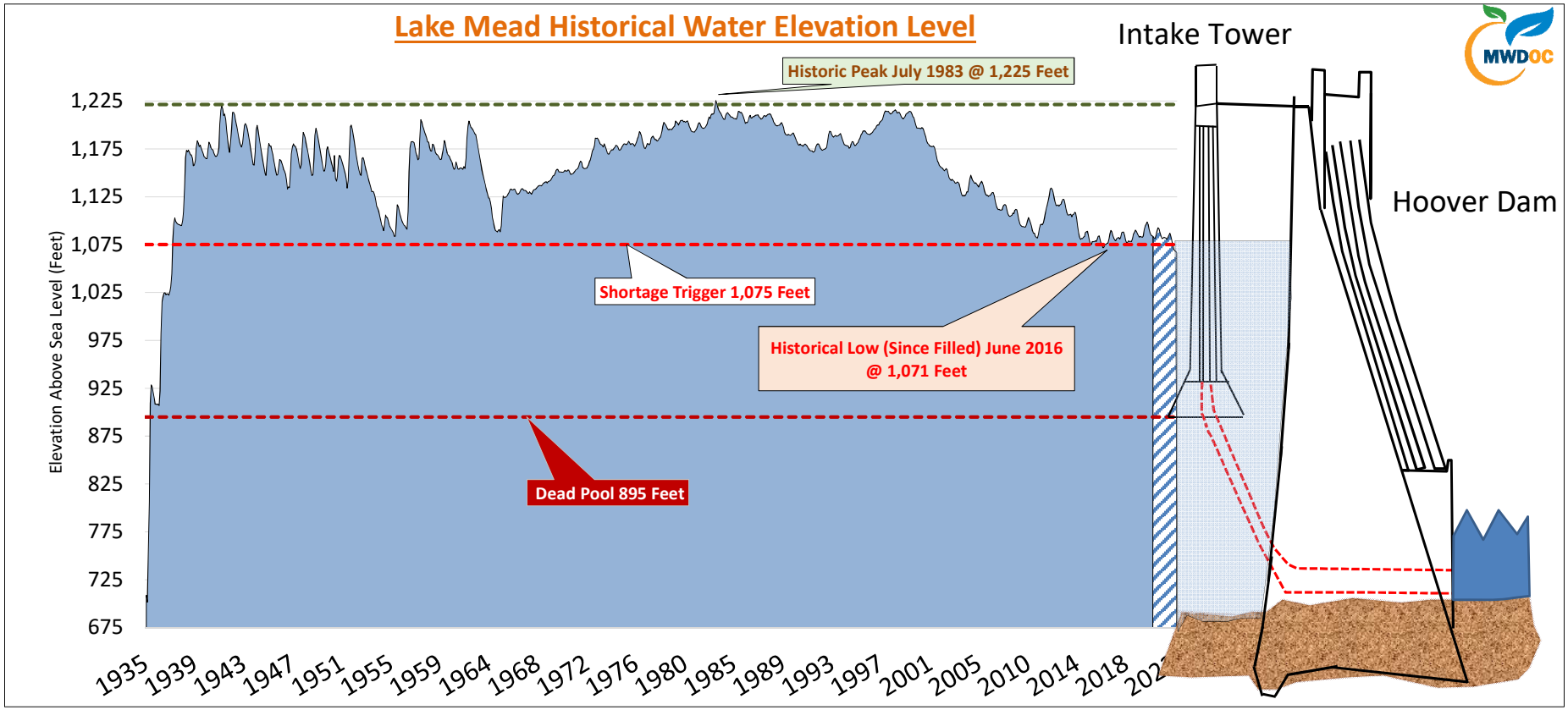



Historical Northern California April 1st Peak Snow Water Equivalent
Snow Water Equivalent (Inches)
60
50
40
30
20
10
0
Average = 28 Inches
98%
84%
103%
119%
144%
48%
107%
88%
127%
173%
76%
48%
24%
5%
98%
147%
43%
172%
58%
0%
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021


Historical Colorado Basin April 15th Peak Snow Water Equivalent
Snow Water Equivalent (Inches)
30
25
20
15
10
5
0
Average = 20 Inches
51%
85%
84%
120%
112%
78%
126%
112%
90%
132%
53%
78%
105%
54%
79%
108%
74%
128%
97%
0%
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021


Lake Mead Levels: Historical and Projected
projection per USBR 24-Month Study
Historical
Projected
MWDOC
Spillway Elevation = 1,221 ft
Surplus Trigger = 1,145 ft
Shortage Trigger = 1,075 ft
Elevation (Ft)
1,230
1,205
1,180
1,155
1,130
1,105
1,080
1,055
1,030
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Jan 17
Jan 18
Jan 19
Jan 20
Jan 21
Jan 22


Lake Powell Levels: Historical and Projected
projection per USBR 24-Month Study
Historical
Projected
MWDOC
Spillway Elevation = 3,715 ft
Elevation (Ft)
3,705
3,680
3,655
3,630
3,605
3,580
3,555
3,530
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Jan 17
Jan 18
Jan 19
Jan 20
Jan 21
Jan 22


Lake Mead Historical Water Elevation Level
Intake Tower
Hoover Dam
MWDOC
Historic Peak July 1983 @ 1,225 Feet
Shortage Trigger 1,075 Feet
Historical Low (Since Filled) June 2016
@ 1,071 Feet
Dead Pool 895 Feet
Elevation Above Sea Level (Feet)
1,225
1,175
1,125
1,075
1,025
975
925
875
825
775
725
675
1935
1939
1943
1947
1951
1955
1959
1964
1968
1972
1976
1980
1985
1989
1993
1997
2001
2005
2010
2014
2018

WILL SERVE REQUEST STATUS REPORT

(October 2020)

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	Issued	11/20/19
8/29/19	Merlone Geier Partners	Hunter Court Utility Relocations	TI	24322 Rockfield Blvd	Issued	12/9/19
11/15/19	Kiddie Academy	New Daycare at previous Restaurant	TI	25521 Muirlands Blvd	Issued	1/7/20
6/1/20	Milestones Academy	Fire Service for expanded daycare	ND	23184 El Toro Frontage rd	Issued	10/1/20
6/11/20	National Community Renaissance	Mountain View Housing, 71 units	ND	24551 El Toro Rd	Pending	n/a
8/7/20	City of Laguna Woods	City Hall Public Library	TI	24264 El Toro Rd	Issued	9/23/20
8/13/20	Buchheim Properties III	Handels Ice Cream	TI	23615 El Toro Rd, Ste. Y2	Issued	9/1/20
8/27/20	Buchheim Properties III	Fuddruckers Redevelopment	TI	23621 El Toro Rd	Issued	9/22/20

ND = New Development TI = Tenant Improvement

EL TORO WATER DISTRICT

UNAUTHORIZED DISCHARGE SUMMARY

YEAR OF 2020

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, 2020	Private	PLSD	23645 El Toro Rd.	Debris in private lateral	No longer spilling when ETWD staff arrived. Shut water service off to prevent additional discharge until line was clear	N/A	N/A	Spoke to Property Management Company	N/A	Parking Lot	N/A	N/A	5	5	Communicated with City of Lake Forest, Water Quality Inspector, and Orange County Environmental Health
February			**NO SPILLS**												
March			**NO SPILLS**												
April			**NO SPILLS**												
May			**NO SPILLS**												
June 20,2020	Private	Recycled Water	23300 Santa Vittoria Laguna Hills	Irrigation Leak	ETWD Staff found leak and isolated the meter	N/A	N/A	Notified customer of repairs needed. Swept sidewalk and cleaned area. Left two cones on wet sidewalk.	8	Storm Drain				1500	No notifications, spill was less than 50,000 gallons of Recycled Water
July			**NO SPILLS**												
August			**NO SPILLS**												
September	Private	Sewer	661 Via Los Altos Laguna Woods	Root Intrusion	ETWD Staff deployed sandbags in gutter to stop flow of sewage towards storm drain vactor began sucking up the spill	N/A	N/A	PCM put lids back on clean out and will investigate and jet line in morning EWTD removed small puddles in gutter	9	Storm Drain			603	763	Staff on scene called OES, OC Environmental Health, Region 9 and Laguna Woods Village
October			**NO SPILLS**												
LEGEND											**0**	**0**	**608**	**2,268**	

S.DC = 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

STAFF REPORT

TO: BOARD OF DIRECTORS **MEETING DATE: November 24, 2020**

FROM: Dennis Cafferty, General Manager

SUBJECT: District of Distinction

The El Toro Water District was first awarded the designation of a District of Distinction by the Special District Leadership Foundation in 2007 and has successfully renewed the certification in every renewal cycle since the original award. Staff is working to prepare the necessary material for the current renewal due in March, 2021.

Staff recently became aware that the District of Distinction award has four different levels.

- Basic
- Silver
- Gold
- Platinum

Since the original award in 2007, the District has maintained the basic District of Distinction level. The following is a description of the effort required to achieve each of the higher certification levels.

Silver – A *majority* of the Board would need to achieve their Certificate in Special District Governance (defined below).

Gold – The *entire* Board, as well as the General Manager, would need to achieve their Certificate in Special District Governance.

Platinum - The entire Board and the General Manager would need to achieve their Certificate in Special District Governance. In addition, the General Manager would need to achieve the certification of a Certified Special District Manager.

Certificate in Special District Governance

In order to achieve the Certificate in Special District Governance, Directors and the General Manager would need to complete all four modules of the Special District Leadership Academy as well as earn ten continued education hours. The four modules of the Special District Leadership Academy are

- Governance Foundations
- Setting Directions/Community Leadership
- Board's Role in Human Resources
- Board's Role in Finance and Fiscal Accountability

Currently, the module on Governance Foundations is available as a virtual workshop scheduled for two half day sessions (9:00 a.m. to 12:00 p.m. each day) on December 8 and 9. The remaining modules are not available virtually but are currently scheduled to be available at the Special District Leadership Academy conference hosted by CSDA in San Diego in April of 2021 and then again in September of 2021 in Lake Tahoe.

It would not be possible to accomplish the requirements of the higher District of Distinction levels prior to the current March, 2021 renewal date. However, should the Board be interested in pursuing any of the higher levels, CSDA staff has informed the District that an upgrade in level can be made between actual renewal cycles.

Barker Leavitt
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James C. Barker
Ryan Leavitt

Municipal Water District of Orange County, California
Washington Update
November 9, 2020

Despite Trump's Refusal to Concede, Biden Declared Winner/President-Elect; Control of House in 2021 Likely Unchanged, but Senate Control to be Settled by Georgia Runoffs; House and Senate Seeking to Pass FY21 Appropriations and Year-End COVID Relief Economic Stimulus Bill

While President Trump makes claims of a "stolen election" and wide-spread election vote fraud, he has refused to concede. Despite that fact, former Vice President Joe Biden and his running mate Senator Kamala Harris were declared President and Vice President-elect by all the major media networks in the United States. Following this announcement, President-elect Biden addressed the nation in a primetime address and the Biden Campaign began to transition to the White House.

The Biden-Harris transition priorities include COVID-19, economic recovery, racial equality, and climate change. Investing in modern and resilient infrastructure is a major tenet of this plan—including water infrastructure.

We are also hearing that Biden plans to reverse a number of President Trump's executive actions immediately following his inauguration. These Biden Executive Orders would include reinstating the DACA program for Dreamers, rejoining the Paris Climate Accord, reversing the withdrawal from the World Health Organization (WHO), and ending the Muslim travel ban.

Additionally, with California's Senator Kamala Harris being declared Vice President-elect, California is expected to get a new U.S. Senator. After Senator Harris is sworn-in as Vice President, Governor Newsom will have the responsibility to appoint her replacement in the U.S. Senate to represent the State of California. Several names have been floated as potential

replacements for Senator Harris: U.S. Rep. Karen Bass, CA Attorney General Xavier Becerra, Long Beach Mayor Robert Garcia, U.S. Rep. Barbara Lee, CA Secretary of State Alex Padilla, U.S. Rep. Katie Porter, and several others.

Control of Congress

Although the Democrats may end up losing ten or so seats, we expect the House to remain controlled by the Democrats. Control of the Senate will be settled after a January 5th runoff Senate election for both of Georgia's two Senate seats, although both incumbent Republicans are slightly favored to win in the closely watched Georgia Senate runoffs in January. Both the House and Senate will hold their leadership elections the week of November 16th (all current members of leadership are running for re-election).

Election Results: Orange County Congressional Delegation

Orange County Democratic Representatives Sanchez, Porter, Correa, Lowenthal, and Levin were all re-elected to Congress. At the time of writing this report, Former Republican Assemblymember Young Kim has a slight (roughly 3,000 vote) lead over incumbent Democratic Representative Cisneros. Additionally, Republican challenger Michelle Steel also has a slight (nearly 7,000 vote) lead over incumbent Democratic Representative Harley Rouda.

Year-end FY21 Appropriations Bill; COVID-19 Economic Stimulus

We are also hearing that both Senate Leader McConnell and House Speaker Pelosi have reiterated that they want to pass a FY21 omnibus appropriations bill, rather than passing another short-term continuing resolution into the first quarter of 2021. The Senate Appropriations Committee will be releasing all 12 FY21 Senate spending bills on November 10. As a reminder, current federal funding levels expire on December 13. We are monitoring these spending bills—especially the Interior/EPA and Energy & Water Appropriations bills. These bills provide critical federal funding for federal agencies and water programs.

Leader McConnell has also said that the Senate needs to pass an economic stimulus package for COVID relief by the end of the year. Speaker Pelosi has also signaled interest in restarting negotiations. The challenges remain over the size and cost of an economic stimulus bill. Some senior White House officials signaled that President Trump may not want to sign a large debt financed COVID relief bill at the end of his Administration but may rather leave that to a Biden Administration. We continue to advocate for special districts to be included in any relief provided for states and local governments.

Water Resources Development Act (WRDA Bill) Negotiations Continue

We continue to hear from Congressional staff that they expect the WRDA bill to receive a final vote before the end of this year. Both the House and the Senate have introduced bipartisan WRDA bills. The House has passed its version of the bill and the Senate Environment and Public Works Committee advanced the Senate's bill unanimously.

We are also hearing that in addition to the provisions authorizing U.S. Army Corps of Engineers projects, this WRDA bill could include reauthorization of Drinking Water and Clean Water State Revolving Funds. This bill is expected to include millions for EPA water infrastructure grant programs.

Highlights of the Senate's WRDA Bill:

- $17 billion in water infrastructure projects, including Western water storage provisions.
- It also authorizes the EPA's Clean Water State Revolving Fund and increases that authorization over three years to $3 billion and reauthorizes WIFIA.
- Additionally, the legislation provides about $2.5 billion in authorizations for the Safe Drinking Water Act emergency fund and provides $300 billion in grants for the removal of drinking water contaminants—including PFAS.
- As you know, these are critical sources of federal funding, administered by the State of California, for water agencies to receive grants and low interest loans for water infrastructure projects.

It is still not clear whether this WRDA bill will include a Bureau of Reclamation (BOR) Title. We have been in close contact with Committee staff to advocate for the inclusion of a BOR Title and reauthorization of critical WIIN Act authorizations. The WIIN Act contains several different federal grant programs which our member agencies use to receive federal funds.

Wildfire/Forest Management Legislation

The "Emergency Wildfire and Public Safety Act" remains a bipartisan priority and could be addressed before the end of this year. As a reminder, this MWDOC supported legislation would ease some regulatory hurdles for forest management projects, such as not requiring a renewed environmental review when new information emerges about potential effects on endangered species — a legislative fix to a court-imposed requirement. The bill would also allow the Forest Service to declare emergencies in certain areas affected by wildfire, allowing for restoration with less-extensive environmental review.

JCB/RWL 11/09/20

BEST BEST & KRIEGER LLP
ATTORNEYS AT LAW

To: Municipal Water District of Orange County
From: Syrus Devers, Best Best & Krieger
Date: November 9th, 2020
Re: Monthly Report

Legislative Report

No Blue Wave. As far as the State Legislature is concerned the election last week was close to a draw. Republicans lost two seats in the Senate with John Moorlach losing to challenger Dave Min and Ling Ling Chang giving Josh Newman his old seat back, but over in the Assembly the R's picked up the seat vacated by Democrat Christy Smith in AD 38 (Santa Clarita). The D's had hoped to pick up AD 68 held by Assemblymember Steven Choi here in Orange County, but as of the time this report was prepared it appears his slim lead will hold up. The Dems had also targeted Senator Scott Wilk in SD 21 (Santa Clarita) but he too fought off the challenge.

The party counts are now 30 Dems to 9 Reps and 1 vacancy in the Senate (Sen. Holly Mitchell won an L.A. Supervisor seat), and 60 Dems to 19 Reps and 1 NPP (Chad Mayes) in the Assembly. Mayes had previously switched to NPP and easily won reelection in the 42nd AD (Yucca Valley). The Democrats did score a point but it was not the blowout they anticipated.

Administrative Report

Emergency Backup Generators: The South Coast Air Quality Management District (SCAQMD) appears to be making good on its commitment to reform the rules governing the use and maintenance of emergency backup generators. The two issues are the use of generators during a public safety power shutoff (PSPS), and the time allowed to test and maintain older generators. SCAQMD announced the formation of a working group that will begin meeting in December to write a draft regulation. Water districts have objected to runtime limits on the generators in light of PSPS, over which they have no control.

While not an issue in Orange County, MWDOC has continued to be involved in the development of the SB 200 process to address at-risk water systems. The State Water Resources Control Board announced a series of webinars on the use of the website that estimates the needs and costs of addressing failing water

systems. The webinars will be given on November 20th and December 14th. Please let BB&K staff know if any board member has an interest in participating.

The County of Orange Report

November 9, 2020
by Lewis Consulting Group

Surprises Highlight Orange County Election Tally

Election day has come and gone, yet as of November 9th several close races lay in the balance because there are still nearly 100,000 ballots still to count in the County. The predicted "Blue Wave" failed to materialize in the county and ended up as a "blue ripple" at best.

The most impactful races involve Michelle Steel's impressive victory over Democrat Harley Rouda; Young Kim 's narrow lead over Democratic Congressman Gil Cisneros; State Senator John Moorlach's defeat at the hands of Dave Min; Ling Ling Chang's probable defeat as well; along with incumbent Supervisor Andrew Do's larger than expected margin of victory in his re-election bid.

ORANGE COUNTY CONGRESSIONAL RESULTS

DISTRICT	INCUMBENT	CHALLENGER
38TH C.D.	**LINDA SANCHEZ (D) - 74.3%**	MICHAEL TOLAN (D) - 25.7%
	Sanchez is easily re-elected	
39TH C.D.	GIL CISNEROS (D) - 49.5%	**YOUNG KIM (R) - 50.5%**
Will be decided by the number of	outstanding ballots remaining in Los	Angeles & San Bernardino counties
45TH C.D.	**KATIE PORTER (D) - 53.5%**	GREG RATHS (R) - 46.5%
	Porter wins, but much closer	then expected
46TH C.D.	**LOU CORREA (D) - 68.8%**	JAMES WATERS (R) - 31.2%
	Correa is easily re-elected	
47TH C.D.	**ALAN LOWENTHAL (D) - 72.5%**	JOHN BRISCOE (R) - 37.2%
	Lowenthal is easily re-elected	
48TH C.D.	HARLEY ROUDA (D) - 49.1%	**MICHELLE STEEL (R) - 50.9%**
	Part of the national GOP	Congressional gain
49TH C.D.	**MIKE LEVIN (D) - 53.3%**	BRYAN MARYOTT (R) - 46.7%
	Mike Levin wins it in San Diego	County

ORANGE COUNTY STATE SENATE RESULTS

DISTRICT	INCUMBENT	CHALLENGER
29TH S.D.	LING LING CHANG (R) - 48.5%	**JOSH NEWMAN (D) - 51.5%**
		Democrats win key seat
37TH S.D.	JOHN MOORLACH (R) - 48.8%	**DAVE MIN (D) - 51.2%**
	GOP icon has fallen	

ORANGE COUNTY STATE ASSEMBLY RESULTS

DISTRICT	INCUMBENT	CHALLENGER
55TH A.D.	**PHILLIP CHEN (R) - 55.0%**	ANDREW RODRIGUEZ (D) - 45.0%
	Chen is easily re-elected	
65TH A.D.	**SHARON QUIRK-SILVA (D) - 58.3%**	CYNTHIA THACKER (R) - 41.7%
	Quirk-Silva is easily re-elected	
68TH A.D.	**STEVEN CHOI (R) - 53.0%**	MELISSA FOX (D) - 47.0%
	Surprisingly easy re-election for	Choi
69TH A.D.	**TOM DALY (D) - 73%**	JON PAUL WHITE (R) - 27.0%
	Daly is easily re-elected again	
72ND A.D. / OPEN SEAT	**JANET NGUYEN (R) - 54.0%**	DEIDRE NGUYEN (D) - 46.0%
	A comeback for Janet Nguyen	
73RD A.D. / OPEN SEAT	LAURIE DAVIES **(R) - 58.4%**	SCOTT RHINEHART (D) - 41.6%
	Davies keeps the seat GOP	
74TH A.D.	**COTTIE PETRIE-NORRIS (D) - 50.6%**	DIANE DIXON (R) - 49.4%
	Close, but Petrie-Norris should	hang on

ORANGE COUNTY BOARD OF SUPERVISOR RESULTS

DISTRICT	INCUMBENT	CHALLENGER
DISTRICT - 1 (non-partisan)	**ANDREW DO - 51.65%**	SERGIO CONTRERAS - 48.35%
Andrew Do shows surprising	strength in the 27% GOP	district

Congratulations to re-elected MWDOC Directors Megan Yoo Schneider and Robert McVicker. Further congratulations to newly elected Directors Karl Seckel and Al Nederhood.

DECISION 2020

Barring meaningful court intervention or successful recounts in multiple states, President-Elect Joe Biden has defeated President Donald Trump.

By apportioning electors from the five un-called states, the most likely finish will be Joe Biden 306 electoral votes to Donald Trumps 232. As of this Sunday morning (November 8, 2020), President-Elect Biden holds a 4.4 million vote lead nationally with California being responsible for the entirety of the margin.

The election was so close, that a flip of just 49,000 votes in four close states would have secured President Trump's re-election.

Senate Republicans outperformed projections by a mile. When the dust settles, the GOP will have suffered a one vote net loss. However, two seats will not be determined until the State of Georgia holds it's unusual run-off election on January 5, 2021. Look forward to all-time spending records being broken as the partisan balance in the U.S. Senate will be determined by this election. Heading into this election, Republicans now hold a 50-48 margin in the upper house. If Democrats win the two seats, a 50-50 vote tie on senate votes would be broken by the new Vice President-Elect Kamala Harris. A one or two vote pick-up by the Republicans would stall much of the Biden agenda moving forward.

The most surprising part of the 2020 election is not only the avoidance of "blue wave" losses in the House, but a certainty of making gains perhaps sizable gains for Republicans. As of this moment, Republicans have already secured a five seat pick-up, but they are also leading in nine races, which haven't finished counting ballots.

Our best projection at this time would be a House of Representatives comprised of 223 Democrats and 212 Republicans.

- Republicans in Sacramento are more and more resembling the Maytag Repairman's office [ask an older person].

The numbers dwindling year by year and increasingly irrelevant, are as follows:

- ✯ The partisan balance in the new State Senate should be 31 Democrats and 9 Republicans
- ✯ Assembly Republicans should end up with 20 seats out of the 80 member chamber

Relevancy in the Legislature begins with a party holding over ⅓ of each House. Republicans have now slipped to ¼ of the membership in the Assembly and less than that in the State Senate.

Supervisor Andrew Do's more comfortable than expected victory leaves the non-partisan Board of Supervisors with a 4-1 Republican advantage more or less. With Michelle Steel's apparent Congressional victory, Steels's seat will soon be vacant, triggering a Special Election in 2021.

Several people are already eyeing the seat, with the possibility that former Supervisor John Moorlach might enter the fray as well.

-



This was a bad year for former office holders who were counting on their past popularity to propel them to victory. Leading this list was former Democrat Congresswoman *Loretta Sanchez* who was defeated in her run for Rancho Santiago Community College Board seat. Other examples include current Assemblyman *Tyler Diep* defeated in his run for MWDOC, former Assemblyman *Matt Harper* defeated in his attempt to return to the Huntington Beach City Council and longtime Anaheim City Councilmember *Lucille Kring* was defeated in her run for a local Anaheim School Board seat.

Red Poll ✧ Blue Poll ✧ Good Poll ✧ Fools' Poll

Once again the reputation of national pollsters "take it on the chin". For the second time, most pollsters underestimated President Trump's national strength. Again, there were even more grievous errors in state polling. Here is a sample of some of the worst:

NATIONAL POLLS	11-2-2020	USC DORNSLIFE	BIDEN 54	TRUMP 43
	11-2-2020	QUINNIPIAC	BIDEN 50	TRUMP 39
	11-2-2020	CNBC	BIDEN 52	TRUMP 42
	10-28-2020	CNN	BIDEN 54	TRUMP 42
STATE POLLS				
PENNSYLVANIA	11-2-2020	MONMOUTH	BIDEN 51	TRUMP 44
WISCONSIN	11-2-2020	CNBC/CHANCE	BIDEN 53	TRUMP 45
OHIO	11-2-2020	QUINNIPIAC	BIDEN 47	TRUMP 43
FLORIDA	11-2-2020	EMENSON	BIDEN 51	TRUMP 45
		THE WINNER		
WISCONSIN	10-27-2020	ABC/WASH. POST	BIDEN 57	TRUMP 40

ORANGE COUNTY LAFCO
EST. 1963

After a short and non-substantive October meeting, the November LAFCO meeting has been cancelled. Perhaps LAFCO expects a busy work load near the Christmas holidays.

NOTICE OF ADJOURNMENT

LOCAL AGENCY FORMATION COMMISSION
ORANGE COUNTY
2677 North Main Street, Suite 1050
Santa Ana, CA 92705
(714) 640-5100 ◆ FAX (714) 640-5139

The **November 11, 2020 Regular Meeting** of the Orange County Local Agency Formation Commission has been cancelled. The next scheduled meeting of the Commission is **Wednesday, December 9, 2020 at 8:15 a.m.** Additional details on the location of the meeting will be provided in accordance with the requirements of the Ralph M. Brown Act and the provisions of the Governor's Executive Orders N-25-20 and N-29-20.

COUNTY OF ORANGE CALIFORNIA

UPDATE

Not surprisingly, the Board of Supervisors meeting held on Election Day [November 3, 2020] was shorter than usual and absent of controversy. The next meeting falls the day after PAL and appears to have a non-controversial agenda as well.



Orange County COVID-19 Stats

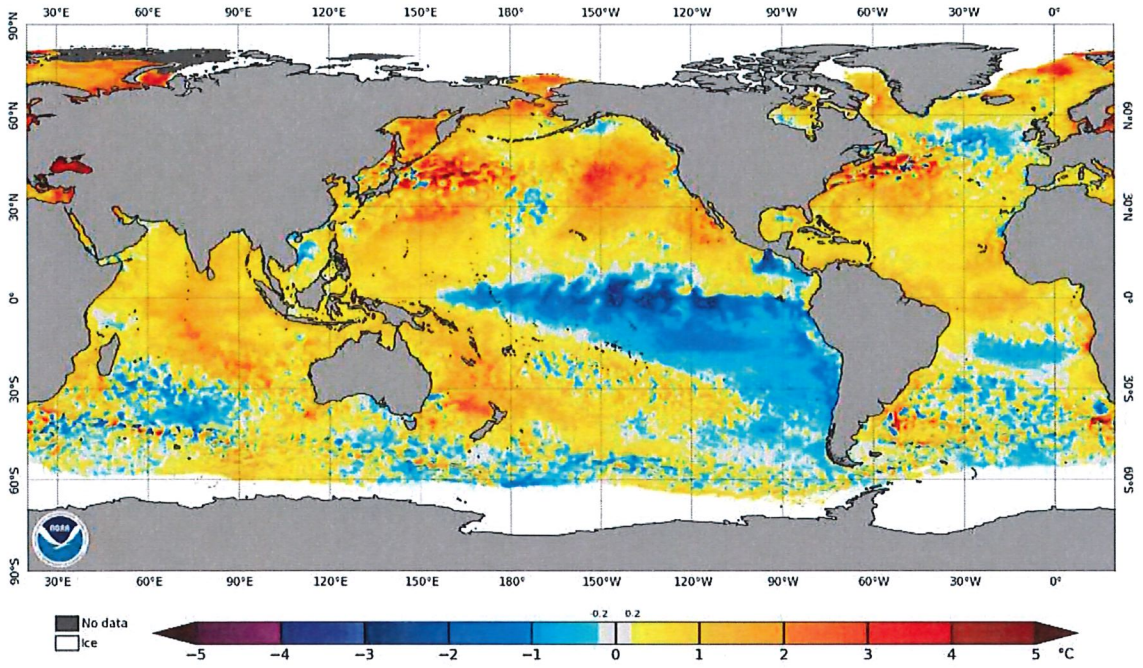
ORANGE COUNTY COVID-19 STATS	AS OF 11/9/2020	AS OF 10/13/2020
CUMULATIVE CASES TO DATE	62,563	56,070
CUMULATIVE DEATHS TO DATE	1,509	1,341
DEATHS REPORTED TODAY	0	0
CUMULATIVE TESTS TO DATE	1,190,732	957,839
TESTS REPORTED TODAY	7,148	9,168
CASES CURRENTLY HOSPITALIZED	205*	160*
CASES CURRENTLY IN **ICU**	76	57
CUMULATIVE RECOVERED TO DATE	55,063*	50,130

* = INCLUDES ***ICU*** CASES

Where Orange County Ranks

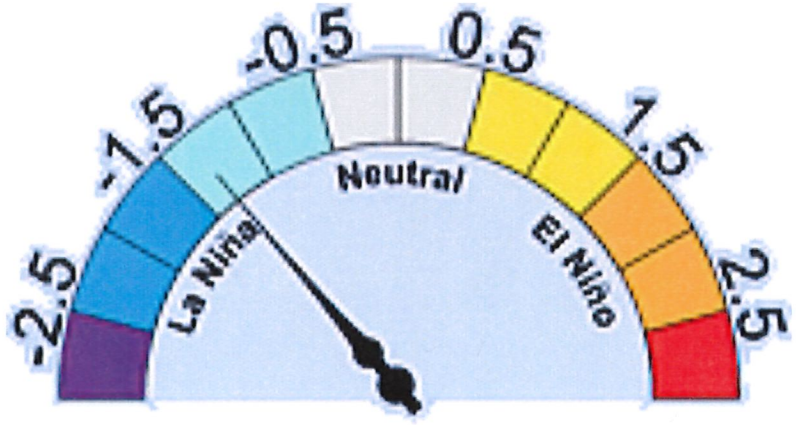
[as of 11/9/2020]

LOCATION	POPULATION	CONFIRMED CASES	DEATHS
CALIFORNIA	40,129,160	971,851	17,977
LOS ANGELES COUNTY	10,247,557	318,960	7,172
ORANGE COUNTY	**3,228,519**	**62,563**	**1,509**
RIVERSIDE COUNTY	2,468,145	71,442	1,333
SAN BERNARDINO COUNTY	2,217,398	68,412	1,096
SAN DIEGO COUNTY	3,370,418	60,199	908



The large plume of cooler water emanating from the West Coast of South America visualizes a deepening La Niña.

ENSO METER



Our La Niña has months to go before it peaks . La Niña increases the probability of dry conditions, but is by no means a certainty.

ETWD Public Education and Outreach Report
November 24, 2020

Bill Message

Customer November/December bill message: “Grease is the number one culprit of sewer pipe overflows and back-ups. It is important to dispose grease properly. Pour fats and oils from turkey, bacon, etc. into an empty can, cool down and throw away.”

Laguna Woods Village Television

Laguna Woods Village Television interview with Director Vergara was rescheduled for November 17, 2020. Director Vergara discussed the District’s accomplishments over the last four years and ETWD’s 60th anniversary. Laguna Woods Village Television will conduct a Zoom interview with President Monin on December 8th. President Monin’s topic is to be determined.

Bill Insert

In December, ETWD customers will receive a winter bill insert marketing EPA WaterSense labeled products and rebates on smart sprinkler timers, premium high efficiency toilets, high efficiency clothes washers and rain barrels. A copy of the insert follows this report.

Community Events

Staff is working with MWDOC and Metropolitan Water District of Southern California (MET) to sponsor a local high school for the MET Solar Cup 2021. The sponsorship is non-monetary and includes coordinating with a high school group to participate in the program. With the pandemic, MET has moved away from the traditional boat race and the program is now an online STEAM-focused where students will learn skills by working as a team and selecting from a wide range of fields including robotics, solar power vehicles, utilizing CAD software, building online gaming, social media messaging, visual arts and dream job skills. At the end of the program there will be a competition either live or virtual depending on the public health conditions at the time. MET will provide the resources needed to the participating schools.

Submitted by: Sherri Seitz 11/19/20

WATER SMART WINTER TIP!

Upgrade to a smart irrigation timer and take the guess work out of watering! Winter days are shorter and cooler so **PLANTS NEED LESS WATER**. Adjust your smart irrigation timer to water **no more than once or twice a week.**

Look for EPA WaterSense labeled products for even more water savings! WaterSense labeled products meet EPA specifications for water efficiency and performance.



Visit www.ocwatersmart.com for water-saving rebates and resources!

E.L. TORO WATER DISTRICT
MWDOC.com
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

WINTER WATER SAVINGS



SMART SPRINKLER TIMERS

REBATES UP TO $255*

Choose a weather-based irrigation controller that automatically adjusts your watering schedule to give your plants the right amount of water rain or shine.



PREMIUM HIGH EFFICIENCY TOILETS

REBATES UP TO $100*

Replace your old toilets with premium high efficiency toilets that use just 1.06 gallons or less per flush while maintaining high performance standards.

RAIN BARRELS/CISTERNS

REBATES UP TO $50*

Capture rainwater that falls on your roof and use it later to water your plants. Rain barrels can reduce urban runoff and help prevent ocean pollution.



HIGH EFFICIENCY CLOTHES WASHERS

REBATES UP TO $200*

Upgrade your old washing machine to a high efficiency clothes washer that uses up to 55% less water and gets clothes just as clean! Lower your water and energy bills with a simple upgrade.



**Terms and conditions apply*

EL TORO WATER DISTRICT
CONSERVATION PROGRAM
Monthly
Status Report
November 24, 2020

REBATE PROGRAMS

The SoCal WaterSmart regional rebate program is available to ETWD customers provided by the Metropolitan Water District of Southern California, the Metropolitan Water District of Orange County and ETWD.

The following tables reflect the current device rebates ETWD customers can apply for from August 1, 2020 through June 30, 2022.

Select device purchases are eligible for rebates while meeting eligibility requirements and subject to funding availability. Rebate information can be found at www.etwd.com/conservation/rebates.

1) Residential Rebate Program:

Device	MET Rebate	MWDOC Grant	ETWD Rebate	Total Rebate (up to)
High Efficiency Clothes Washer	**$85**		**$115**	**$200**
Premium High Efficiency Toilet	**$40**		**$60**	**$100**
Rotating Sprinkler Nozzles (min 30 per home)	**$2 ea**		**$1**	**$3**
Smart Irrigation Timer	**$80**	**$100**	**$75**	**$255**
Turf Removal Program (up to 5,000 sq ft)*	**$2 sq. ft.**		**$1 sq. ft.**	**$3 sq. ft.**
Soil Moisture Sensor System <1 Acre >1 Acre	**$80** **$35/station**	**$100**	**$75**	**$255** **$35/station**
Hose Bib Irrigation Controller	**$35**			**$35**
Rain Barrels **Cisterns** (200 -500 gallon) (501-999 gallon) (1,000 gallon or more)	**$35** **$250** **$300** **$350**		**$15**	**$50** **$250** **$300** **$350**
Spray to Drip Irrigation (up to 5,000 sf of converted area per fiscal year)		**$0.25 sq. ft.**		**$0.25 sq. ft.**

***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	$40			$40
Multi-family Premium High Efficiency Toilet	$40			$40
Zero Water/Ultra Low Water Urinal	$200			$200
Plumbing Flow Control Valve (min. 10)	$5			$5
Smart Irrigation Timer/Central Computer Irrigation Controller/Soil Moisture Sensor System/Hose Bib Irrigation Controller	$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)*	$2 sq. ft*			$2 sq. ft.*
Spray to Drip Irrigation (up to 45,000 sq. ft)		$0.20 sq. ft.		$0.20 sq. ft.

***Designated recycled water sites are not eligible for turf removal rebates. Synthetic turf is not eligible for the turf removal rebate. 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 October 2020 year-to-date sales, residential accounted for 63% of the overall Tier 3 usage and dedicated irrigation accounted for 56% of Tier 4 usage.

TOTAL CONSUMPTION COMPARISON TO EVAPOTRANSPIRATION (ET) FACTOR

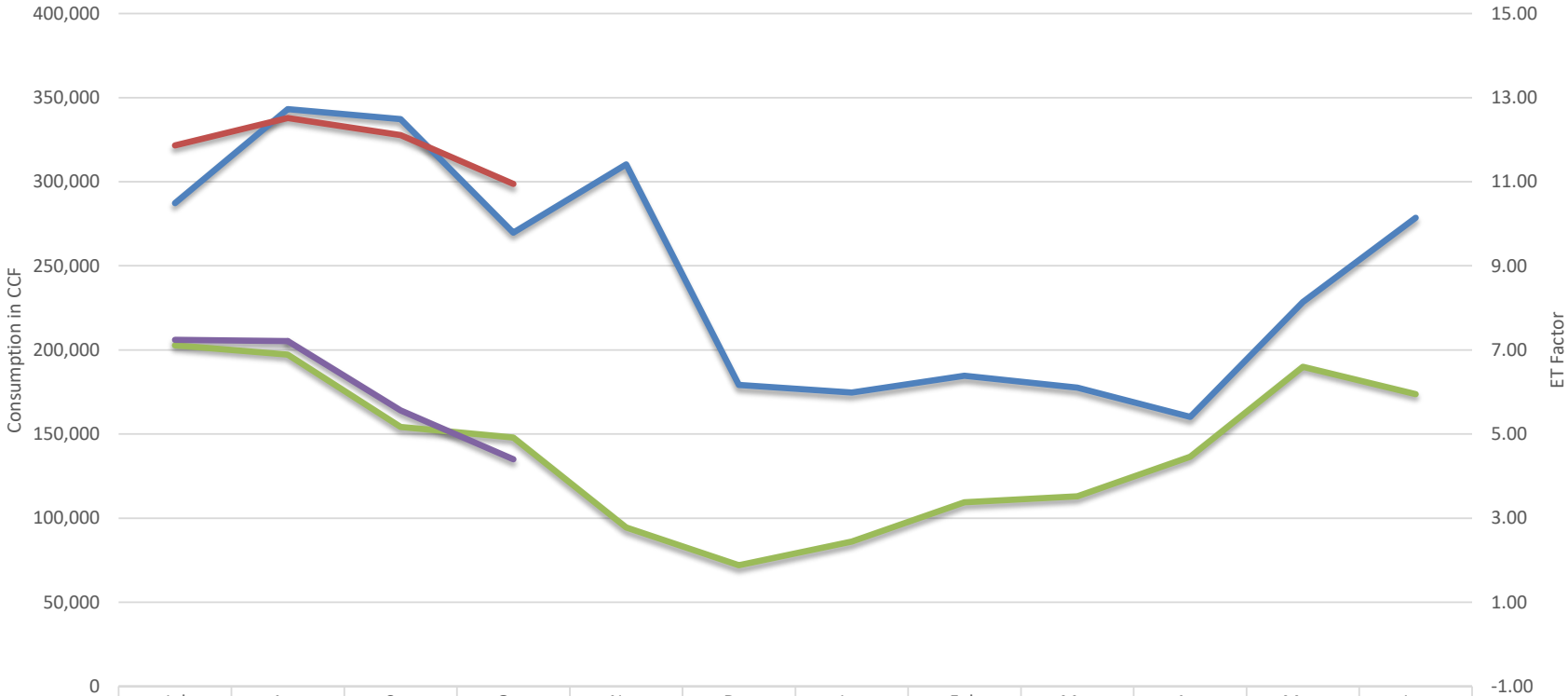
Included in this month's Conservation Report is a chart comparing the current fiscal year 2020/21 consumption and ET factor to the fiscal 2019/20 consumption and ET factor. The ET factor decreased 11.8% from October 2019 when compared to October 2020. There was a 11% decrease in consumption reflected in October 2020.

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

MWDOC has not distributed the updated program reports for October and are not including in this month's report.

By: Sherri Seitz
Date: November 19, 2020

Total Consumption Comparison



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FY 2019-2020	287,207	343,163	337,247	269,666	310,344	179,155	174,596	184,609	177,526	160,199	228,443	278,527
FY 2020-2021	321,599	337,881	327,731	298,688								
FY 19/20 ET	7.11	6.89	5.17	4.92	2.78	1.88	2.44	3.38	3.52	4.46	6.60	5.95
FY 20/21 ET	7.24	7.21	5.56	4.40								
%	112%	98%	97%	111%								

NOTICE OF SPECIAL MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

FINANCE COMMITTEE
TELECONFERENCE MEETING

TELECONFERENCE PHONE NUMBER: (213) 279-1455
TELECONFERENCE ID: 208 518 583

October 27, 2020
10:30 a.m.

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee was called by the Chairman to be held by Teleconference on **October 27, 2020,** located at 34156 Del Obispo Street, Dana Point, California. This meeting is being conducted via Teleconference pursuant to the California Governor Executive Order N-29-20.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA ON THE WEB-SITE WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, 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 TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON 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 FINANCE COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE FINANCE COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE FINANCE COMMITTEE LESS THAN TWENTY-FOUR (24) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

AGENDA

1. **Call Meeting to Order**

2. **Public Comments**

   THOSE WISHING TO ADDRESS THE FINANCE COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME

WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.

3. **Financial Reports for the Month of September 2020**
   The reports included are as follows:
   a. Summary of Disbursements for July 2020 (Exhibit A)

   b. Schedule of Funds Available for Reinvestment (Exhibit B)
      - Local Agency Investment Fund (LAIF)

   c. Schedule of Cash and Investments (Exhibit C)

   d. Capital Schedule (Exhibit D)
      - Capital Projects – Graph (Exhibit D-1)

   e. Budget vs. Actual Expenses:
      - Operations and Environmental Summary (Exhibit E-1)
      - Operations and Environmental by PC (E-1.2)
      - Residual Engineering, after transfer to Capital (Exhibit E-2)
      - Administration (Exhibit E-3)
      - Information Technology (IT) (Exhibit E-4)
      - Information Technology (IT) (Exhibit E-4)

Recommended Action: Staff recommends to the Finance Committee to recommend the Board of Directors to ratify the September 2020 disbursements for the period from September 1, 2020, through September 30, 2020, totaling $4,197,180 and to receive and file the September 2020 Financial Reports as submitted.

4. **Large Capital Cash Flow Management**

   - Ongoing Adjustments to Capital Invoicing to match Project Progress
   - Capital Project Progress Year End and YTD
   - Development of Process Tools and Software Options

Recommended Action: Information and committee questions and comments.

5. **Non-Capital Carry-Over**

   - Staff will provide a report regarding work in process delayed due to Covid-19.

Recommended Action: The Finance Committee recommends that the Board of Directors approve to carry over non-capital engineering in the amount of $369,508 and non-capital engineering miscellaneous in the amount of $252,298 with the Use Audit process for FY 2019-2020.

6. **Draft Use Audit FY 2019-2020 Budget vs. Actual including Cash Roll Forward as of June 30, 2020:**

   - Management Discussion and Analysis (MD&A) for Use Audit
   - Assets Placed in Service FY 2019-20

- Large Capital Cash Reconciliation to Net Position and related Notes
- Cash Roll Forward for Fiscal Year Ended June 30, 2020; Large Capital, Small Capital and Non-Capital

Recommended Action:

1. The Finance Committee recommends to the Board of Directors approval of the 2019-20 Use Audit and collection from and payments to SOCWA member agencies consistent with the results of the Use Audit as presented; and
2. The Finance Committee recommends to the Board of Directors to receive and file the Cash Roll Forward as of June 30, 2020.

7. Q1 FY 2020-21; Cash Roll Forward as of September 30, 2020 including:

- Large Capital Cash Reconciliation to General Ledger (GL) and related Notes
- Cash Roll Forward for Large Capital, Small Capital and Non-Capital (includes Non-Cap Misc.)

Recommended Action:

Staff recommends the Finance Committee recommend the Board of Directors to receive and file the Q1 Fiscal Year 2020-21 Cash Roll Forward as submitted.

8. Uniform Purchasing Policy and Procedure – Nondiscretionary Spending

Recommended Action:

Staff recommends no change to the Uniform Purchasing Policy and Procedures Non-Discretionary Spending

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Finance Committee at least 24 hours prior to the scheduled time of the Special 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 Finance Committee at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 21st day of October 2020.

B. Burnett

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

NOTICE OF SPECIAL MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

FINANCE COMMITTEE
TELECONFERENCE MEETING

TELECONFERENCE PHONE NUMBER: (213) 279-1455
TELECONFERENCE ID: 620 029 812

November 3, 2020
8:30 a.m.

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee was called by the Chairman to be held by Teleconference on **November 3, 2020,** located at 34156 Del Obispo Street, Dana Point, California. This meeting is being conducted via Teleconference pursuant to the California Governor Executive Order N-29-20.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA ON THE WEB-SITE WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, 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 TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON 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 FINANCE COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE FINANCE COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE FINANCE COMMITTEE LESS THAN TWENTY-FOUR (24) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

AGENDA

1. Call Meeting to Order

2. Public Comments

THOSE WISHING TO ADDRESS THE FINANCE COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME

WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.

3. Draft Use Audit FY 2019-2020 Budget vs. Actual including Cash Roll Forward as of June 30, 2020:

- Management Discussion and Analysis (MD&A) for Use Audit
- Assets Placed in Service FY 2019-20
- Large Capital Cash Reconciliation to Net Position and related Notes
- Cash Roll Forward for Fiscal Year Ended June 30, 2020; Large Capital, Small Capital and Non-Capital

Recommended Action:

1. The Finance Committee recommends to the Board of Directors approval of the 2019-20 Use Audit and collection from and payments to SOCWA member agencies consistent with the results of the Use Audit as presented; and

2. The Finance Committee recommends to the Board of Directors to receive and file the Cash Roll Forward as of June 30, 2020.

4. Q1 FY 2020-21; Cash Roll Forward as of September 30, 2020 including:

- Large Capital Cash Reconciliation to General Ledger (GL) and related Notes
- Cash Roll Forward for Large Capital, Small Capital and Non-Capital (includes Non-Cap Misc.)

Recommended Action:

Staff recommends the Finance Committee recommend the Board of Directors to receive and file the Q1 Fiscal Year 2020-21 Cash Roll Forward as submitted.

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Finance Committee at least 24 hours prior to the scheduled time of the Special 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 Finance Committee at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 29th day of October 2020.

B. Burnett

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

I hereby certify that the following Agenda was posted at least 72 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.

B. Burnett

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

AGENDA

Regular Meeting
of the
South Orange County Wastewater Authority
Board of Directors

To Be Held by Teleconference on:
November 5, 2020
8:30 a.m.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST **SEVENTY-TWO** (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST **SEVENTY-TWO** (72) 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 BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN **SEVENTY-TWO** (72) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

FOR MEETING PARTICIPATION:

OPEN SESSION TELECONFERENCE PHONE NUMBER: 213-279-1455
TELECONFERENCE ID: 126 729 301

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.

PAGE NO

4. CONSENT CALENDAR

A. Minutes of Board of Directors Meeting 1

- Board of Directors Meeting October 1, 2020

ACTION The Board will be requested to approve subject Minutes.

B. Minutes of Finance Committee Meeting 7

- Finance Committee August 4, 2020

ACTION The Board will be requested to receive and file subject Minutes.

C. Minutes of Engineering Committee Meeting 9

- Engineering Committee August 13, 2020

ACTION The Board will be requested to receive and file subject Minutes.

D. Financial Reports for the Month of September 2020 12

The reports included are as follows:

1. Summary of Disbursements for September 2020 (Exhibit A)
2. Schedule of Funds Available for Reinvestment (Exhibit B)
   - Local Agency Investment Fund (LAIF)
3. Schedule of Cash and Investments (Exhibit C)
4. Capital Schedule (Exhibit D)
   - Capital Projects – Graph (Exhibit D-1)
5. Budget vs. Actual Expenses:
   - Operations and Environmental Summary (Exhibit E-1)
   - Operations and Environmental by PC (E-1.2)
   - Residual Engineering, after transfer to Capital (Exhibit E-2)
   - Administration (Exhibit E-3)
   - Information Technology (IT) (Exhibit E-4)

ACTION: The Finance Committee recommends the Board of Directors to ratify the September 2020 disbursements for the period from September 1, 2020, through September 30, 2020, totaling $4,197,180, and to receive and file the September 2020 Financial Reports as submitted.

E. September 2020 Operations Reports 30

1. Monthly Operational Report
2. SOCWA Ocean Outfall Discharges by Agency
3. Quarterly Report on Key Operational Expenses
4. Beach Ocean Monitoring Report
5. Recycled Water Report
6. Pretreatment Report

ACTION: The Board will be requested to receive and file the September 2020 Operations Reports as submitted.

PAGE NO

F. Capital Improvement Program Status Report 82

ACTION: The Board will be requested to receive the reports as submitted.

G. Capital Improvement Program Financial Status and Change Orders 96

ACTION: The Board will be requested to receive the reports as submitted.

5. FINANCIAL MATTERS

A. Draft Use Audit FY 2019-20 Budget vs. Actual including Cash Roll Forward as of June 30, 2020 107

ACTION: The Staff will report to the Board at the November 5, 2020 meeting on the actions to be recommended based on input from the Finance Committee, options may include:

1. The Board of Directors to approve the FY 2019-20 Use Audit and collection from and payments to SOCWA member agencies consistent with the results of the Use Audit as presented; and

2. The Board of Directors to receive and file the Cash Roll Forward as of June 30, 2020.

B. Q1 FY2010-21 Cash Roll Forward as of September 30, 2020 198

ACTION: The Board will be requested to:

- Receive a report from the Finance Committee
- Option to receive and file the Q1 Fiscal Year 2020-21 Cash Roll Forward as submitted.

6. ENGINEERING MATTERS

A. Aliso Creek Air Valve Replacement Update [PC 21] 211

ACTION: The Engineering Committee recommends that the PC-21 Board to approve the award of the Aliso Creek Effluent Transmission Main Design contract to Tetra Tech for $79,800.

B. San Juan Creek Ocean Outfall Junction Structure Rehabilitation Project [PC 5] 214

ACTION: The Engineering Committee recommends to the PC-5 Board to award the amendment to Filanc contract in the amount of $916,164 for the Phase II construction work for a total contract amount of $1,041,572.

7. GENERAL MANAGER'S REPORTS

A. PC 12 Budget Adjustment 216

ACTION: Staff recommends a PC12 budget adjustment of $211,000 for:
1. $181,000 for the 2020 SNMP Update, and
2. $30,000 for the HF183 Research Update

B. Regulatory Initiatives and Science Related Update 219

ACTION: Information Item, Questions and Comments

C. General Manager's Status Report 220

ACTION: Information Item

8. OTHER MATTERS

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.

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

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING
DECEMBER 10, 2020

NOTICE OF SPECIAL MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

EXECUTIVE COMMITTEE
TELECONFERENCE MEETING

TELECONFERENCE PHONE NUMBER: (213) 279-1455
TELECONFERENCE ID: 690 079 176

November 10, 2020
9:00 a.m.

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Executive Committee was called by the Chairman to be held by Teleconference on **November 10, 2020** at **9:00 a.m.** SOCWA staff will be present and conducting the call at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California. This meeting is being conducted via Teleconference pursuant to the California Governor Executive Order N-29-20.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA THE WEB-SITE WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS. 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 TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON 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 EXECUTIVE COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE EXECUTIVE COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE EXECUTIVE COMMITTEE LESS THAN TWENTY-FOUR (24) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

AGENDA

1. Call Meeting to Order

2. Public Comments

THOSE WISHING TO ADDRESS THE FINANCE COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.

3. General Manager Ongoing and Future Projects Update

- Topics for Update include:
    - Capital cash on hand and capital cash return (presented Nov. 6 meeting)
    - Agency review of reports related to same agency (completed/ongoing)
    - Capital projects progress (up to date and ongoing)
    - JPA Revisions (update given Nov. 6 meeting)
    - FE Nxt (Financial Edge) Upgrade (completed)
- Additional for Discussion
    - JPA Update Policy Driven Terms
    - FY 2020-2021 Budget
        - SOCWA staffing needs
            - Administration
            - Environmental Compliance
        - Progress toward UAL Funding Plan

Recommended Action:

Committee discussion and direction

4. Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Executive Committee at least 24 hours prior to the scheduled time of the Special 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 Executive Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 7th day of November 2020.

B. Burnett

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

NOTICE OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

ENGINEERING COMMITTEE
TELECONFERENCE MEETING

TELECONFERENCE PHONE NUMBER: (213) 279-1455
TELECONFERENCE ID: 784 408 457

November 12, 2020

8:30 a.m.

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held by Teleconference on **November 12, 2020** at **8:30 a.m.** SOCWA staff will be present and conducting the call at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California. This meeting is being conducted via Teleconference pursuant to the California Governor Executive Order N-29-20.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA THE WEB-SITE WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) 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 FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

AGENDA

1. **Call Meeting to Order**

2. **Public Comments**

   THOSE WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME

WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.

3. **Operations Report**

   Recommended Action:

   Information Item

4. **San Diego Regional Water Quality Control Board's Biological Quality Objectives**

   Recommended Action:

   Information Item

5. **Capital Improvement Construction Projects Report**

   Recommended Action:

   1. Staff recommends that the Engineering Committee recommend to the PC-2 Board to approve Change Orders 10 through 15 totaling $187,929; and
   2. Staff recommends that the Engineering Committee recommend to the PC-15 Board to approve Change Order 11 totaling $5,153.

6. **Coastal Treatment Plant Sludge Force Main Replacement Project Update [Project Committee 15]**

   Recommended Action:

   Staff recommends that the Engineering Committee recommend to the PC 15 Board to award the time and materials contract to Dudek in the amount of $769,700 for the services during construction for the CTP Sludge Force Main Project.

7. **Coastal Treatment Plant AWT Upgrade Project Update [Project Committee 15]**

   Recommended Action:

   Information Item

8. **Coastal Treatment Plant Reconfiguration Feasibility Study Update [Project Committee 15]**

   Recommended Action:

   Information Item

9. **Knowledge Sharing – Comparison of Polymer Types for the Regional Treatment Plant Disolved Air Floataiton Tanks [Project Committee 17]**

   Recommended Action:

   Information Item

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Engineering Committee at least 72 hours prior to the scheduled time of the Regular Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 72 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 5th day of November 2020.

B. Burnett

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

Street Address:
18700 Ward Street
Fountain Valley, California 92708

Mailing Address:
P.O. Box 20895
Fountain Valley, CA 92728-0895

(714) 963-3058
Fax: (714) 964-9389
www.mwdoc.com

Sat Tamaribuchi
President

Joan C. Finnegan
Vice President

Larry D. Dick
Director

Bob McVicker, P.E. D.WRE
Director

Megan Yoo Schneider, P.E.
Director

Jeffery M. Thomas
Director

Robert J. Hunter
General Manager

MEMBER AGENCIES

City of Brea
City of Buena Park
East Orange County Water District
El Toro Water District
Emerald Bay Service District
City of Fountain Valley
City of Garden Grove
Golden State Water Co.
City of Huntington Beach
Irvine Ranch Water District
Laguna Beach County Water District
City of La Habra
City of La Palma
Mesa Water District
Moulton Niguel Water District
City of Newport Beach
City of Orange
Orange County Water District
City of San Clemente
City of San Juan Capistrano
Santa Margarita Water District
City of Seal Beach
Serrano Water District
South Coast Water District
Trabuco Canyon Water District
City of Tustin
City of Westminster
Yorba Linda Water District

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
AGENCIES MANAGERS MEETING

ZOOM LINK: Join Zoom Meeting
https://zoom.us/j/290377118

Meeting ID: 290 377 118
Password: 900674
Dial-in option: (669) 900-9128

WHEN: **Thursday, October 22, 2020 from 10:30 am to 12:00 pm.**

DRAFT AGENDA

1. Opportunity to add and discuss items not already listed.

Page #/Link

2. Information/Discussion Items:

2-1. MWDOC Board Draft Agendas ..... (Link)
2-2. AMP Participants Common Interest Agreement
2-3. Metropolitan Shutdown Updates

3. Updates on Metropolitan Issues:

3-1. Demand Management Budget and Rates.....(Link)
3-2. IRP Status Update.....(Link)
3-3. General Manager Recruitment.....(Link)
3-4. Regional Recycled Water Program Update .....(Link)
3-5. Delta Conveyance Update .....(Link)

4. Announcements:

4-1. Grants Funding Workgroup Meeting..... October 27, 2020
4-2. MWDOC Rate Study Timeline
   a. RFP Due Date ..... October 26, 2020
   b. A&F Committee ..... November 12, 2020
   c. MWDOC Board Approval ..... November 18, 2020

5. Report Items:

5-1. Monthly GM Report ..... (Link)
5-2. Legislative Reports ..... (Link)
5-3. WEROC Matrix ..... (Link)
5-4. Grant Funding Opportunities ..... (Link)

6. Next meeting will tentatively be held November 19, 2020.

AGENDA
JOINT PLANNING COMMITTEE
WITH BOARD OF DIRECTORS*
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AND
ORANGE COUNTY WATER DISTRICT
October 28, 2020, 8:30 A.M.

Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:

Computer Audio: You can join the Zoom meeting by clicking on the following link:
https://zoom.us/j/8828665300

Telephone Audio: **(669) 900 9128 fees may apply**
(877) 853 5247 Toll-free
Webinar ID: **882 866 5300#**

* The meeting of the Joint Planning Committee will be conducted simultaneously with meetings of both Boards of Directors in order to allow all Board members to participate in the discussions and to ensure compliance with the Brown Act. Directors receive no additional compensation or stipend as a result of simultaneously convening this Board of Directors meetings. Items recommended for approval at this meeting will be placed on a future Board Agenda for approval by one or both agencies, as determined by the Committee.

PUBLIC COMMENTS - At this time, members of the public will be given an opportunity to address the Committee and the Boards concerning items within the subject matter jurisdiction of either Board. Members of the public may also address the Committee about a particular Agenda item at the time it is considered and before action is taken. The Committee requests, but does not require, that members of the public who want to address the Committee or the Boards 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 there is a need to take immediate action on item(s) and that the need for action came to the attention of the Districts subsequent to the posting of the Agenda. (Requires a two-thirds vote of those present, or a unanimous vote if less than two-thirds are present.)

ITEMS DISTRIBUTED TO THE COMMITTEE 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 Committee less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the Districts' 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 each of the District's Internet Web site, accessible at www.ocwd.com or www.mwdoc.com.

1. Campus Improvements by MWDOC and OCWD
2. Imported Water Supply Update
3. Status of OCWD Groundwater Basin
4. PFAS update
5. Moulton Niguel Water District pilot storage program studies update & MWDOC's Interest
6. SARWQCB/Poseidon Update
7. Status Update re SARCCUP Agreements
8. Next Committee Meeting: January 27, 2021
    - Upcoming Agenda Items

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 Janice Durant, OCWD District Secretary at 714/378-3233, or Maribeth Goldsby, MWDOC Board Secretary, at (714) 963-3058, or writing to Orange County Water District at P.O. Box 8300, Fountain Valley, CA, 92728, or 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.

MEETING OF THE BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PLANNING & OPERATIONS COMMITTEE
November 2, 2020, 8:30 a.m.

Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:

Computer Audio: You can join the Zoom meeting by clicking on the following link:
https://zoom.us/j/8828665300

Telephone Audio:	**(669) 900 9128 fees may apply**
	(877) 853 5247 Toll-free
Webinar ID:	**882 866 5300#**

P&O Committee:
Director McVicker, Chair
Director Dick
Director Yoo Schneider

Staff: R. Hunter, K. Seckel, J. Berg, H. De La Torre, K. Davanaugh, V. Osborn

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)

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.

ACTION ITEMS

1. APPROVAL OF ALLEN MCCOLLOCH PIPELINE (AMP) CAPACITY FLOW WAIVER FOR EAST ORANGE COUNTY WATER DISTRICT

2. APPROVAL OF ALLEN MCCOLLOCH PIPELINE (AMP) CAPACITY FLOW WAIVER FOR SOUTH COAST WATER DISTRICT AND CITY OF SAN CLEMENTE

3. APPROVAL OF RESOLUTION DESIGNATING AUTHORIZED AGENTS FOR FY19 GRANT TRANSFER AGREEMENTS FOR HOMELAND SECURITY GRANTS AND EXECUTION OF TRANSFER AGREEMENT

DISCUSSION ITEMS

4. UPDATE ON COVID-19 (ORAL REPORT)

5. WEROC ASSESSMENT PRESENTATION – PART 2

6. OVERVIEW AND PROCESS FOR LOCAL RESOURCES PROGRAM (LRP) PROJECTS WITHIN THE MWDOC SERVICE AREA

7. DISCUSSION REGARDING SARCCUP AGREEMENTS (to be emailed separately)

8. ORANGE COUNTY GROUNDWATER BASIN STORAGE DISCUSSION

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.)

9. OC-70 METER TESTING UPDATE

10. STATUS REPORTS
    a. Ongoing MWDOC Reliability and Engineering/Planning Projects
    b. WEROC
    c. Water Use Efficiency Projects

11. 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.

Accommodations for the Disabled. Any person may make a request for a disability-related

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

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Fountain Valley, California
November 4, 2020, 8:30 a.m.

Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:

Computer Audio: You can join the Zoom meeting by clicking on the following link:
https://zoom.us/j/8828665300

Telephone Audio: **(669) 900 9128 fees may apply**
(877) 853 5247 Toll-free
Webinar ID: **882 866 5300#**

AGENDA

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. 2102

PRESENTATION/DISCUSSION 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. UPDATE ON METROPOLITAN ACTIVITIES BY METROPOLITAN BOARD CHAIR, GLORIA GRAY

Recommendation: Review and discuss the information presented.

3. PRESENTATION BY MET STAFF REGARDING MET'S REGIONAL RECYCLED WATER PROGRAM WHITE PAPER

Recommendation: Review and discuss the information presented.

4. METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA INTEGRATED RESOURCES PLAN (IRP) DISCUSSION SERIES PART 10

Recommendation: Review and discuss the information presented.

INFORMATION ITEMS

5. 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 Finance and Rate Issues
b. MET's General Manager Recruitment Process
c. MET's Water Supply Conditions
d. Colorado River Issues
e. Delta Conveyance Activities and State Water Project Issues (written and oral report)

Recommendation: Review and discuss the information presented.

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

a. Summary regarding October MET Board Meeting
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
ADMINISTRATION & FINANCE COMMITTEE
November 12, 2020, 8:30 a.m.

Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:

Computer Audio: You can join the Zoom meeting by clicking on the following link:
https://zoom.us/j/8828665300

Telephone Audio: **(669) 900 9128 fees may apply**
(877) 853 5247 Toll-free
Webinar ID: **882 866 5300#**

A&F Committee:
Director Thomas, Chair
Director Finnegan
Director Dick

Staff: R. Hunter, K. Seckel, J. Berg, H. De La Torre, K. Davanaugh, C. Harris, H. Chumpitazi

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)

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.

PROPOSED BOARD CONSENT CALENDAR ITEMS

1. TREASURER'S REPORT
   a. Revenue/Cash Receipt Report – October 2020
   b. Disbursement Approval Report for the month of November 2020
   c. Disbursement Ratification Report for the month of October 2020

d. GM Approved Disbursement Report for the month of October 2020
e. Water Use Efficiency Projects Cash Flow – October 31, 2020
f. Consolidated Summary of Cash and Investment – September 2020
g. OPEB and Pension Trust Fund monthly statement

2. FINANCIAL REPORT
   a. Combined Financial Statements and Budget Comparative for the Period ending September 30, 2020
   b. Quarterly Budget Review
   c. FY 2019-20 Audit Report and Presentation regarding Audit Report

ACTION ITEM

3. SELECTION OF A CONSULTANT FOR RATE STUDY SERVICES

4. AWARD CONTRACT FOR AUDIO VISUAL (AV) EQUIPMENT AND INSTALLATION FOR NEW CONFERENCE ROOMS

5. RECONSIDER MEMBERSHIP IN ASSOCIATION OF METROPOLITAN WATER AGENCIES (AMWA)

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. FY 2021-22 BUDGET SCHEDULE

7. DISTRICT CLASSIFICATION AND COMPENSATION STUDY

8. DEPARTMENT ACTIVITIES REPORTS
   a. Administration
   b. Finance and Information Technology

9. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

OTHER ITEMS

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

ADJOURNMENT

NOTE: At the discretion of the Committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated, and may be subject to action by the Committee. On those items designated for Board action, the Committee reviews the items and makes a recommendation for final action to the full Board of Directors; final action will be taken by the Board of Directors. Agendas for Committee and Board meetings may be obtained from the District Secretary. Members of the public are advised that the Board consideration process

includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

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

MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PUBLIC AFFAIRS AND LEGISLATION COMMITTEE
November 16, 2020, 8:30 a.m.

Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:

Computer Audio: You can join the Zoom meeting by clicking on the following link:
https://zoom.us/j/8828665300

Telephone Audio: **(669) 900 9128 fees may apply**
(877) 853 5247 Toll-free
Webinar ID: **882 866 5300#**

Committee:
Director Yoo Schneider, Chair
Director McVicker
Director Dick

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

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

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

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

DISCUSSION ITEMS

1. LEGISLATIVE ACTIVITIES
   a. Federal Legislative Report (Barker)
   b. State Legislative Report (BBK)
   c. County Legislative Report (Lewis)

d. Legal and Regulatory Report (Ackerman)

2. MWDOC'S COMMUNICATIONS PLAN

ACTION ITEMS

3. ADOPT MWDOC LEGISLATIVE POLICY PRINCIPLES ANNUAL UPDATE

4. SELECTION OF A FIRM TO PROVIDE STATE LEGISLATIVE ADVOCACY SERVICES

5. SELECTION OF A FIRM TO PROVIDE FEDERAL LEGISLATIVE ADVOCACY SERVICES

6. APPROVAL OF ALLEN MCCOLLOCH PIPELINE (AMP) CAPACITY FLOW WAIVER FOR CITY OF SAN JUAN CAPISTRANO

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.)

7. SCHOOL PROGRAMS UPDATE

8. OC WATER SUMMIT UPDATE

9. PUBLIC AND GOVERNMENT AFFAIRS ACTIVITIES REPORT

OTHER ITEMS

10. 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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REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Fountain Valley, California
November 18, 2020, 8:30 a.m.

Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:

Computer Audio: You can join the Zoom meeting by clicking on the following link:
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Telephone Audio: **(669) 900 9128 fees may apply**
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AGENDA

MOMENT OF SILENCE

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.

EMPLOYEE SERVICE AWARD

RECOGNITION OF DIRECTOR JOAN C. FINNEGAN

NEXT RESOLUTION NO. 2102

CONSENT CALENDAR (Items 1 to 8)
(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. October 7, 2020 Workshop Board Meeting
b. October 21, 2020 Regular Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

a. Planning & Operations Committee Meeting: October 5, 2020
b. Administration & Finance Committee Meeting: October 14, 2020
c. Public Affairs & Legislation Committee Meeting: October 19, 2020
d. Executive Committee Meeting: October 22, 2020
e. MWDOC/OCWD Joint Planning Committee Meeting: October 28, 2020

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

a. MWDOC Revenue/Cash Receipt Register as of October 31, 2020
b. MWDOC Disbursement Registers (October/November)

Recommendation: Ratify and approve as presented.

c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of September 30, 2020
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 September 30, 2020
b. Quarterly Budget Review
c. FY 2019-20 Audit Report and Presentation regarding Audit Report

Recommendation: Receive and file as presented.

5. APPROVAL OF ALLEN MCCOLLOCH PIPELINE (AMP) CAPACITY FLOW WAIVER FOR EAST ORANGE COUNTY WATER DISTRICT

Recommendation: Approve/grant an AMP capacity flow waiver for East Orange County Water District (EOCWD) due to an emergency requiring

them to fill their reservoirs because of a fire near Santiago Canyon and high winds.

6. APPROVAL OF ALLEN MCCOLLOCH PIPELINE (AMP) CAPACITY FLOW WAIVER FOR SOUTH COAST WATER DISTRICT AND CITY OF SAN CLEMENTE

Recommendation: Approve/grant an AMP capacity flow waiver for South Coast Water District (SCWD) and the City of San Clemente (CSC) due to temporary operational conditions that will be caused by a shutdown of the Joint Transmission Main (JTM) to perform a structural inspection and condition assessment. The shutdown of the JTM could cause both the SCWD and the CSC to increase their flows from the Allen McColloch Pipeline (AMP) into the South County Pipeline (SCP).

7. SELECTION OF A CONSULTANT FOR RATE STUDY SERVICES

Recommendation: Authorize the General Manager to enter into a professional services contract with Raftelis Financial Consultants, Inc. for Rate Study Services not-to-exceed $67,405.

8. AWARD CONTRACT FOR AUDIO VISUAL (AV) EQUIPMENT AND INSTALLATION FOR NEW CONFERENCE ROOMS

Recommendation: Authorize the General Manager to enter into a contract with EEI Systems to update Conference Rooms 101 and 102 with new AV Equipment.

End Consent Calendar

ACTION CALENDAR

9-1 APPROVAL OF RESOLUTION DESIGNATING AUTHORIZED AGENTS FOR FY19 GRANT TRANSFER AGREEMENTS FOR HOMELAND SECURITY GRANTS AND EXECUTION OF TRANSFER AGREEMENT

RES. NO. _____

Recommendation: Approve the execution of the 2019 Grant Transfer Agreement with the City of Santa Ana as the Local Urban Area Security Initiative (UASI) Administrator, and adopt a Resolution authorizing the WEROC Director of Emergency Management and the General Manager as designated Authorized Agents for FY 2019 Homeland Security Grants and authority to execute any subsequent agreements related to the Homeland Security Grants. Staff will come back to the Board for a purchase award in the event the award is greater than $25,000.

9-2 RECONSIDER MEMBERSHIP IN ASSOCIATION OF METROPOLITAN WATER AGENCIES (AMWA)

Recommendation: Approve the continuation of MWDOC's participation in AMWA.

9-3 ADOPT MWDOC LEGISLATIVE POLICY PRINCIPLES ANNUAL UPDATE

Recommendation: Review and adopt the updated Legislative and Regulatory Policy Principles for 2020.

9-4 SELECTION OF A FIRM TO PROVIDE STATE LEGISLATIVE ADVOCACY SERVICES

Recommendation: Authorize the General Manager to enter into a professional services contract with Best, Best & Krieger (BB&K) to provide state legislative advocacy services.

9-5 SELECTION OF A FIRM TO PROVIDE FEDERAL LEGISLATIVE ADVOCACY SERVICES

Recommendation: Authorize the General Manager to enter into a professional services contract with Natural Resource Results to provide federal legislative advocacy services.

9-6 APPROVAL OF ALLEN MCCOLLOCH PIPELINE (AMP) CAPACITY FLOW WAIVER FOR CITY OF SAN JUAN CAPISTRANO

Recommendation: Approve/grant an AMP capacity flow waiver for the City of San Juan Capistrano (SJC) due to temporary operational conditions that will be caused by a shutdown of the Joint Transmission Main (JTM) and the Eastern Transmission Main (ETM) to perform a structural inspection and condition assessment. The shutdown of the JTM and ETM will cause SJC to increase their flows from the Allen McColloch Pipeline (AMP) into the South County Pipeline (SCP).

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

10. GENERAL MANAGER'S REPORT, NOVEMBER 2020 (ORAL AND WRITTEN)

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

11. 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.

GENERAL MANAGER'S REPORT OF STAFF ACTIVITIES NOVEMBER 2020

MWDOC Agencies Managers Meeting	MWDOC held its Member Agency Managers' meeting at its office in Fountain Valley on October 22, 2020. **In attendance were:** L. Ohlund – East Orange County WD, D. Cafferty – El Toro WD, H. Lee – Fountain Valley, C. Pasillas – Garden Grove, B. Ragland, Chris Davis – Huntington Beach, P. Weghorst – Irvine Ranch WD, Chris Regan, D. Youngblood – Laguna Beach County WD, J. Chavira – La Palma, P. Shoenberger – Mesa Water, L. Rocha, M. Collings – Moulton Niguel WD, S. Catron, M. Vukojevic– Newport Beach, J. Kennedy – Orange County WD, E. Bauman – San Juan Capistrano, D. Ferons, J. Leach, R. Grantham – Santa Margarita WD, R. Shintaku – South Coast WD, M. Grisso – Tustin, S. Miller – Westminster **Staff in attendance were:** R. Hunter, K. Seckel, H. De La Torre, V. Osborn, M. Baum-Haley, A. Heide, C. Lingad **Information/Discussion Items:** ➢ MWDOC Board Draft Agendas ➢ AMP Participants Common Interest Agreement ➢ Metropolitan Shutdown Updates **Updates on Metropolitan Issues:** ➢ Metropolitan Item Updates ➢ Demand Management Budget and Rates ➢ General Manager Recruitment ➢ IRP Status Update ➢ Regional Recycled Water Program Update ➢ Bay-Delta Update The next meeting is tentatively scheduled for November 19, 2020.
Meetings	• MWDOC staff participated in a Zoom meeting on September 30, 2020, with OCWD to discuss the OC Water Demand Forecast proposal. • Charles Busslinger and Chris Lingad participated in a Zoom meeting on September 30, 2020, with OC LAFCO and CDR to discuss some MWDOC boundary discrepancies between data at MET and OC LAFCO. OC LAFCO is currently working to resolve the discrepancies, and CDR is providing support to MWDOC. • MWDOC staff held several meetings throughout October with consultants ABS Consulting and Blackman and Forsyth to discuss move management for the MWDOC building retrofit and remodel project.

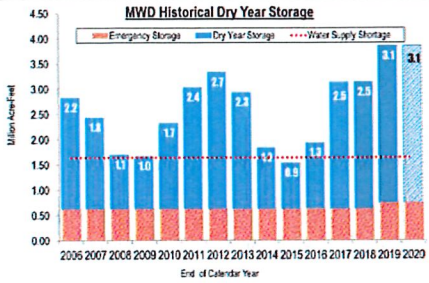
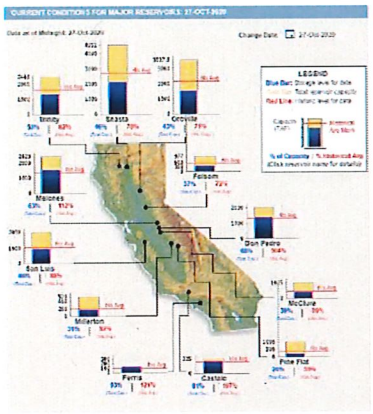
Meetings - continued	• Charles Busslinger and Chris Lingad attended the on-site OC-70 meter test on October 6, 2020, with MET and EOCWD. • Karl Seckel, Charles Busslinger, and Chris Lingad participated in a conference call on October 15, 2020, with MET, the City of Newport Beach, the City of Huntington Beach, and Mesa Water District to discuss the upcoming Irvine Cross Feeder Shutdown. • Charles Busslinger and Chris Lingad attended a presentation via Zoom on October 26, 2020, regarding MET member interest in a potential new meter testing facility. MET is in the preliminary stages of researching member agency interest in such a facility. The initial concept is a facility on existing MET property similar to the meter testing facility at Utah Water Research Lab, which MET is currently using to conduct meter testing. MET will be investigating the concept in more detail over the next six months and will provide a report of their findings and preliminary cost estimates. If the concept proves it is worth pursuing, and the MET Board approves, any such facility would not begin operations until the end of 2024 at the earliest. More details will be provided as this concept takes shape. • Charles Busslinger, Kevin Hostert, and Chris Lingad attended a Zoom meeting on October 27, 2020, with MET to meet MET's new operations liaison, Derrick Cheng, due to the pending retirement of Amy Dorado. • Karl Seckel and Rachel Waite participated in the South Orange County Watershed Management Area Management Committee Meeting on October 5, 2020. The main discussion topics were a SOCWA Special Study Update - HF183 Viability and Natural Bacteria Speciation, a discussion of the Salt and Nutrient Management Plan, and the South OC WQIP Outfall Capture Feasibility Study along with other updates. • Karl Seckel, Charles Busslinger, and Chris Lingad participated in a conference call with ETWD and MNWD regarding issues associated with a historical transfer of 2 cfs between the two agencies. Additional documentation will likely be developed among the agencies for the capacity transfer.

MET ITEMS CRITICAL TO ORANGE COUNTY

MET's Finance and Rate Issues	**Current Update** Water Transactions for August 2020 totaled 148.9 thousand acre-feet (TAF), which were 5.6 TAF lower than the budget of 154.5 TAF. This translates to $131.8 million in revenues for August 2020, which were $7.9 million lower than the budget. At the September 14, 2020 Finance and Insurance Committee at MET, the Board received a review of the impacts of COVID-19. From this review, the Board approved the following recommended cost-containment measures to address the COVID-19 financial impacts as amended:

MET's Finance and Rate Issues - continued	a. Continue to track COVID-19 impacts to the member agencies with a focus on retail payment delinquencies. If interest from the member agencies, develop a payment deferral program that exempts penalties or interest for those agencies that record and report significant delinquencies and likewise grant deferrals to their customers. Bring back any deferral program criteria to the Board for review and consideration b. Monitor water demands, sales and expenditures and prepare additional cost-containment measures, as needed, for mid-cycle budget review. c. Maintain the current rates adopted by the Board to address the impacts of lower water sales and lower revenues while maintaining current credit ratings. d. Include in the mid-cycle budget review new revenue generation options, including through a groundwater replenishment program. e. Implement a moratorium on non-emergency unbudgeted proposals for the remaining part of the fiscal year that have not been anticipated in the budget. **Rate Issues** In December 2019, the MET Board voted to discontinue the collection of the Water Stewardship Rate (WSR) as part of the upcoming 2021 and 2022 rates and charges (December 2019 Board Letter). The Demand Management program will use program reserves to cover the costs of LRP, Conservation, and the Future Supply Actions Program for the next two years, or until a new funding mechanism is in place. At the October 13, 2020 Finance and Insurance Committee at MET, the Board received a review of the Water Stewardship Fund in relation to funding for Metropolitan's Demand Management Programs (October 2020 Board Letter). Metropolitan's robust demand management programs have been enormously successful and have been among the strongest tools in building Southern California's high degree of water reliability and resilience. Additionally, the successful implementation of demand management programs has been cost-effective and reduced the need for spending on infrastructure upgrades and supplemental water supplies. The continuance of these successful programs requires adopting a funding mechanism through the rate structure that enjoys broad support from the Board and the public. Metropolitan staff will be engaging with the Board and Member Agency staff in the coming months to bring forward options for consideration, to adopt a new funding approach by the close of CY 2021.
MET's General Manager Recruitment Process	**Current Update** On August 18, the Metropolitan Board authorized an agreement with The Hawkins Company as the executive search firm for the General Manager recruitment process. The Hawkins Company previously recruited the General Counsel (Jeff Kightlinger and Marcia Scully) and General Auditor (Gerry Riss) positions.

MET's General Manager Recruitment Process-continued	At the September 22 Special Organizational Personnel & Technology (OP&T) Committee, the Board discussed the input process for the job description versus executive profile and discussed the stakeholder engagement process. • A *Job Description* is a high-level description of expectations and responsibilities, including specific goals and objectives. It is established via the General Manager's business plan, performance goals, and approved budget. • An *Executive Profile* defines leadership core competencies used to identify, screen, and evaluate candidates. It informs and guides the recruitment strategy. At the October 13 OP&T Committee, the Metropolitan Board discussed the draft Job Description, including an additional responsibility for Human Resources processes and policies, including diversity and inclusion. Additionally, the following recruitment schedule was outlined: • Approve updated job description, brochure, and outreach plan o November or December Board • Advertise for 30 to 60 days o May need to advertise longer based on holidays • Executive Committee to work with Executive Search firm to prepare questions, develop an interview process o November, December, or January Executive Committee • Executive Committee to work with Executive Search firm to screen candidates and develop candidate pool for the first round of interviews o January, February, or March Executive Committee • Executive Committee to interview candidates and recommend three to five finalists for a Board interview o February, March, or April Executive Committee • Board interview final candidates o Special Board meeting to be scheduled
MET's Water Supply Conditions	With estimated total demands and losses of 1.54 million acre-feet (MAF) and a 20% SWP Table A Allocation, Metropolitan is projecting that demands will meet supply levels in Calendar Year (CY) 2020. Based on this, the estimated total dry-year storage for Metropolitan at the end of CY 2020 will remain at approximately 3.1 MAF. A projected dry-year storage supply of 3.1 MAF will be the highest amount for Metropolitan. A large factor in the increase in water storage is because water demands regionally have been at approximately 36-year lows.

MET's Water Supply Conditions-continued	 
Colorado River Issues	**Lake Powell Pipeline Draft Environmental Impact Statement Update** On September 24, 2020, the Utah Division of Water Resources (UDWR) and Washington County Water Conservancy District requested an extended timeline from the U.S. Bureau of Reclamation (Reclamation) to consider comments received on the Lake Powell Pipeline project (LPP) draft Environmental Impact Statement (EIS) submitted by the Colorado River Basin States, Tribes, water users, non-government organizations and members of the public. Following Reclamation's publication of the LPP draft EIS on June 20, 2020, over 14,000 comments were submitted during the public comment period. Metropolitan, the Colorado River Board of California, and the six Colorado River Basin States each submitted comment letters to Reclamation regarding the LPP DEIS. In response to this request for an extension of time, Reclamation will establish a new schedule for preparing a supplement to the draft EIS. The LPP is a proposal by the state of Utah, through UDWR, to construct a pipeline that would divert approximately 86,000acre-feet (AF) of water from Lake Powell near Glen Canyon Dam in Page, Arizona, to Sand Hollow Reservoir near St. George, Utah, for use in Washington County, Utah. The UDWR is proposing to build the LPP to bring a second source of water to Washington County, Utah, to meet future water demands, diversify the regional water supply portfolio, and enhance the reliability of the water supply.

Colorado River Issues - continued

Metropolitan's Colorado River Water Order for 2021

On September 15, Metropolitan submitted its Colorado River Diversion Estimate and Part 417 Consultation Questionnaire (Water Order) to Reclamation for 2021. Submitting the Water Order helps ensure Metropolitan's ability to access available Colorado River supplies fully. Metropolitan's 2021 Water Order estimates a total Colorado River water supply of 1.01 million AF, with a minimum diversion of 561,000 AF and a maximum creation of 450,000 AF of Extraordinary Conservation Intentionally Created Surplus. The Water Order reflects the 45,000 AF of water generated through the Palo Verde Irrigation District/Metropolitan Forbearance and Fallowing Program and the Bard Seasonal Fallowing Program.

Metropolitan Submits Seasonal Fallowing Call for Bard Water District

On September 30, Metropolitan submitted its notice to Bard Water District to fallow up to 3,000 acres of fallowable land during the spring and summer of 2021, which is the maximum allowed under the seasonal fallowing program. In its second year, the program incentivizes farmers in Bard to not irrigate a crop between April 1 and August 30, when water use is high and crop value low. Bard farmers are not obligated to meet the full fallowing call and will respond to Metropolitan's request later this year to determine how many acres will be fallowed next year. Based on 2020 participation, it is anticipated that nearly the full fallowing call will be met.

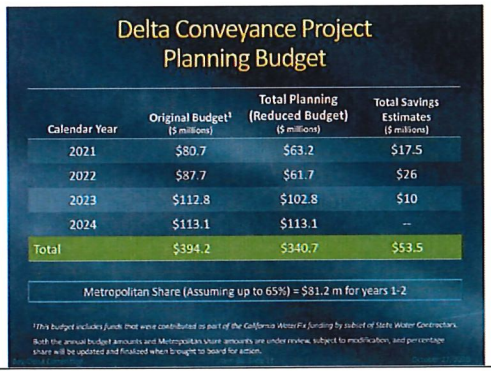
Delta Conveyance Activities and State Water Project Issues

Delta Conveyance

A comprehensive update on Delta Conveyance activities, including the Agreement in Principal for the Delta Conveyance to the State Water Project Contract and discussion regarding the planning budget, funding agreements, and Design and Construction Authority amendments, can be found attached.

Timeline for Future Metropolitan Board Discussions & Actions

By the end of 2020, the MET Board will be asked to commit to planning costs for the Delta Conveyance Project for 2021 and 2022. Assuming MET has up to a 65% share of the project, the forecasted funding agreement costs would be up to $81.2 million for 2021 and 2022. Of note, the Biennial Budget already includes MET's planned contribution of $25 million per year for Delta Conveyance project planning activities. This, in addition to State Water Contract expenditures. Following the same 65% share assumption, MET's forecasted planning costs for all four years would be $221.5 million.



Delta Conveyance Project Planning Budget

Calendar Year	Original Budget[1] ($ millions)	Total Planning (Reduced Budget) ($ millions)	Total Savings Estimates ($ millions)
2021	$80.7	$63.2	$17.5
2022	$87.7	$61.7	$26
2023	$112.8	$102.8	$10
2024	$113.1	$113.1	--
Total	$394.2	$340.7	$53.5

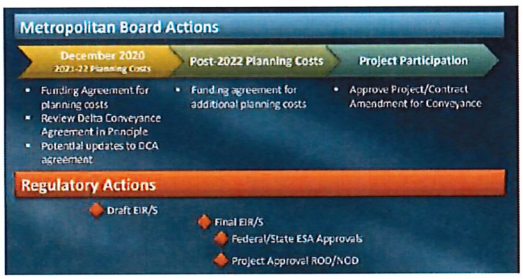
Metropolitan Share (Assuming up to 65%) = $81.2 m for years 1-2

[1]This budget includes funds that were contributed as part of the California WaterFix funding by subset of State Water Contractors.
Both the annual budget amounts and Metropolitan share amounts are under review, subject to modification, and percentage share will be updated and finalized when brought to board for action.

Delta Conveyance Activities and State Water Project Issues – continued

By the end of 2022, the MET Board will be asked to provide additional funding for continued planning costs. A final decision point on the level of MET's participation in the project is expected to occur in the latter half of 2024.





Sites Reservoir

At their September 17 joint meeting, the Sites Authority Board and Reservoir Committee approved Alternative 1 as the Authority's preferred project for the purposes of the Revised Draft EIR analysis and the purposes of the federal and state permitting processes. Alternative 1 includes a 1.5 million acre-feet reservoir size and the utilization of both existing and proposed new facilities, all of which will be in northern California in Glenn, Colusa, Tehama, and Yolo Counties.

Stemming from the recent strategic planning session, the Sites Authority Board and Reservoir Committee also approved a new vision statement - "affordable water sustainability managed for California's farms, cities, and environment for generations to come," a new mission - "the Sites Project Authority will build and operate a climate-resilient, 21st Century water storage system to responsibly manage and deliver water; improve the environment, and provide flood control and recreational benefits;" and defined new values and goals. A legal service contract to provide initial assistance in securing water right approvals for the project was awarded to the firm of Somach, Simmons, and Dunn.

Delta Conveyance Activities and State Water Project Issues - continued	**Regulatory Activities** On September 8-10, Metropolitan staff participated in a Delta Science Program sponsored workshop on the Sacramento River Drainage Spring-run Chinook salmon. The purpose of the virtual workshop was to convene subject-matter experts to develop the best possible approach to accurately estimate the population of spring-run Chinook salmon in the Sacramento River basin, which is a requirement in the DWR State Endangered Species permit (state permit) for SWP operations. Agency and stakeholder input provided at the workshop will be considered to inform the development and implementation of the Juvenile Production Estimate (JPE) for Spring-run Chinook salmon. The JPE will set action triggers for managing State Water Project operations under the state permit. Metropolitan staff also continued to participate in the collaborative groups called for in the 2019 federal Endangered Species permit for the State Water Project (SWP) and Central Valley Project (CVP), and the 2020 state permit for Long-term Operation of the SWP, to address science needs to inform management and operation of the water projects. The Delta Coordination Group coordinates the CVP and SWP management for federally listed species and is currently focused on Delta smelt summer/fall actions. The Longfin smelt Science Program is the cooperative science technical team to inform the longfin smelt management under the state permit. **Science Activities** Metropolitan staff continued participating in the Collaborative Science and Adaptive Management Program (CSAMP), including participation on the Collaborative Adaptive Management Team (CAMT). The September 15 CAMT meeting included a presentation on the draft report for the Coordinated Salmonid Science Plan project. The presentation provided a summary of the methods used to identify and prioritize salmon activities and the project results. Metropolitan staff is reviewing and preparing comments on the report. CAMT also received an update on the efforts to monitor habitat restoration in the Delta and discussed priorities for the CAMT work plan for 2021/22. Metropolitan's Bay-Delta Initiatives (BDI) staff, Ms. Alison Collins, and Dr. Shawn Acuña, with co-authors from Cramer Fish Sciences, ICF consultants, DWR, and the U.S. Bureau of Reclamation, published a paper on a Chinook salmon predation study. Chinook salmon were exposed to largemouth bass in a net pen under different conditions to evaluate the effects of man-made structures and aquatic weeds on predation. The results showed that aquatic weeds were a significant factor in affecting predation by Largemouth bass. The study was supported by grant funding from the California Department of Fish and Wildlife. The Interagency Ecological Program is holding its annual workshop virtually with workshop sessions held in two-hour blocks from August 25 to October 13, 2020. BDI staff is participating in the workshop, and sessions are addressing a variety of Delta science topics, including Delta fish abundance and habitats, aquatic vegetation

Delta Conveyance Activities and State Water Project Issues - continued	management, environmental stressors, and activities in Suisun Marsh. On September 15, BDI staff person Dr. Corey Phillis gave a presentation on an on-going study to model juvenile Chinook salmon response to food web subsidies from rice field drain water in the Sacramento River. **<u>Delta Flood Emergency Management Plan</u>** DWR is conducting emergency response exercises to train personnel, test response effectiveness, and upgrade Delta emergency preparedness plans. A large-scale emergency exercise is planned in spring 2021 involving multiple-island failures requiring robust response measures of the Delta Flood Emergency Management Plan (DFEMP), including the emergency freshwater pathway. It is planned as a tabletop exercise requiring preliminary testing in fall 2020 to prepare for a more comprehensive spring exercise. DWR is preparing input materials and manuals for the exercise and will use findings to prepare an after-action report and update the DFEMP. In connection with these processes, DWR conducts monthly meetings to review DWR and USACE emergency stockpile inventories and local emergency supplies and machinery for levee breach repairs.
ENGINEERING & PLANNING	
Economic Benefit Studies and Modeling Work to Quantify the Benefits of Local Projects in the Context of MET's 2020 Integrated Resources Plan (IRP)	MWDOC staff is working on getting the contracts in place with the Brattle Group and CDM Smith to coordinate the Economic Benefits Studies and modeling work. In this process, the consulting team will be working with MWDOC and the member agencies regarding the survey issues with businesses in Orange County.
Doheny Ocean Desalination Project	South Coast Water District (SCWD) continues working on the project: • SCWD submitted its NPDES permit application on March 13, 2020. SCWD anticipates approval of the NPDES permit in Early/Mid 2021. The next step would be the Coastal Commission, with a permit expected in Mid-2021. • Work is progressing on the Financial Analysis for a 2 mgd and 5 mgd scenario through Clean Energy Capital. SCWD is coordinating the financial analysis with the Alternative Energy Study. • Work is also progressing on an Alternative Energy Study for the project. A draft report is under review by SCWD. • Working groups are underway for a third party hydrogeology review. Two meetings have taken place in July and a third in August 2020.

Doheny Ocean Desalination Project-continued	On June 25, 2020, the SCWD Board approved an amendment to the Clean Energy Capital Financial Analysis to evaluate alternative project options that meet reliability benefits for SCWD similar to the Doheny Desalination Project, along with reducing overall life-cycle costs in light of the uncertain economic situation moving forward due to the COVID-19 pandemic. The Doheny Desalination Project is currently sized at a capacity of up to 5 MGD, which exceeds SCWD's average potable water demand expected during emergencies. SCWD has only received interest from SMWD for about 1 mgd of supply from Doheny. This leaves South Coast with potential capacity for others in a 5 MGD facility. Based on this, along with regional financial hardships caused by the COVID-19 pandemic and possible economic recession, SCWD believes that it is necessary to consider alternative, potentially lower-cost project options to utilize and potentially expand existing assets as a means to meet their reliability needs. This amended study will review design parameters and existing conditions at SCWD's existing Groundwater Recovery Facility (GRF) to obtain a comprehensive understanding of the actual production capacity of the GRF and current limitations and reliability concerns. A range of additional water production volumes needed to maintain emergency reliability for SCWD will be developed. Current estimates are that 1.2 to 2.2 mgd of additional reliability will be needed for SCWD based on a GRF production volume of 0.8 mgd.
SMWD San Juan Watershed Project	Santa Margarita WD focuses on diversifying its water supply portfolio for south Orange County residents, businesses, schools, and visitors through the San Juan Watershed Project. The original project had three Phases; Phase 1 was three rubber dams recovering about 700 AFY; Phase 2 added up to 8 more rubber dams with the introduction of recycled water into the creek to improve replenishment of the basin for up to 6,120 AFY, and Phase 3 added more recycled water topping out at approximately 9,480 AFY. Under this arrangement, most or all of the production and treatment involved the existing San Juan Groundwater Desalter with expansions scheduled along the way to increase production beyond 5 mgd. Fish passage and regulatory hurdles to satisfy subsurface travel time requirements are being tackled. SMWD is working with the Ranch on the next phase of development within SMWD and have access to riparian groundwater from the Ranch. Furthermore, they have discovered that the local geology has high vertical percolation rates and sufficient groundwater basin travel time to potentially allow percolation of treated recycled water with an ability to meet the required travel time. SMWD believes that groundwater production and groundwater treatment can be initiated in a relatively short time-frame while permitting for percolation augmentation using recycled water from the nearby Trampas reservoir can be added as permitting allows. SMWD believes the new project area may ultimately produce 4,000 to 5,000 AF per year; they believe the original project will continue to be developed for production out of the wells and treatment provided by San Juan Capistrano as the two agencies merge. Ultimate production out of the basin could exceed 10,000 AF per year if all goes well.

South Orange County Emergency Service Program	MWDOC, IRWD, and Dudek have completed the study to determine if the existing IRWD South Orange County Interconnection capacity for providing emergency water to South Orange County can be expanded and/or extended beyond its current time horizon of 2030. Dudek participated in the November 6, 2019, SOC workshop to re-engage with the SOC agencies on this project. Support from the agencies was expressed to take a small next step to install Variable Frequency Drives at a pump station within IRWD, which SOC would pay to help move water from the IRWD system to SOC in an emergency. The Variable Frequency Drives will provide more flexibility to the IRWD operations staff to allow additional water to be sent to SOC while meeting all IRWD needs.
Strand Ranch Project	MWDOC and IRWD are continuing to exchange ideas on implementing the program to capture the benefits that can be provided by the development of "extraordinary supplies" from the Strand Ranch Project. Staff from MWDOC and IRWD met in August 2020 and will begin reaching out to other agencies to determine the project's level of interest.
Poseidon Resources Huntington Beach Ocean Desalination Project	The Santa Ana Regional Water Quality Control Board (SARWQCB) continues to work with Poseidon to renew the National Pollutant Discharge Elimination System (NPDES) Permit for the proposed HB Desalination Project. The renewal of the NPDES permit for the proposed desalination facility requires a California Water Code section 13142.5(b) determination in accordance with the State's Ocean Plan (a.k.a. the Desalination Amendment). To make a consistency determination with the Desalination Amendment, the Regional Board is required to analyze the project using a two-step process: 1. Analyze separately as independent considerations a range of feasible alternatives for the best available alternative to minimize intake and mortality of all forms of marine life: a. Site b. Design c. Technology d. Mitigation Measures 2. Then consider all four factors collectively and determine the best combination of feasible alternatives. Regional Board staff reviewed hundreds of documents and input from both an independent reviewer and a neutral 3rd party reviewer to develop Tentative Order R8-2020-0005. The key areas required by the Ocean Plan on which the Santa Ana Water Board is required to make a determination includes: • Facility onshore location; • Intake considerations including subsurface and surface intake systems; • Identified need for the desalinated water; • Concentrated brine discharge considerations;

Poseidon Resources Huntington Beach Ocean Desalination Project-continued	• Calculation of the marine life impacts; and • Determination of the best feasible mitigation project available. In evaluating the proposed project, Santa Ana Regional Board staff interpreted "the identified need for the desalinated water" as to whether or not the project is included in local area water planning documents, rather than a reliability need as analyzed in the OC Water Reliability Study. The Regional Board staff referenced several water planning documents; Municipal Water District of Orange County's (MWDOC) 2015 Urban Water Management Plan (UWMP), the OC Water Reliability Study, OCWD's Long Term Facilities Plan, and other OCWD planning documents in their evaluation of Identified Need. On December 6, 2019, SARWQCB, Regional Board staff conducted a workshop in Huntington Beach that was heavily attended with a considerable range of views expressed at the meeting. Several of the SARWQCB members were somewhat confused about the evaluation of "Identified Need" for the project (inclusion in local water planning documents vs. an identified reliability need for the project) and requested staff to help them understand the issue better. On May 15, 2020, SARWQB held a second workshop, which focused on the identified need for the desalinated water and marine life mitigation requirements. Karl Seckel presented to the Regional Board on several topics including MWDOC's role in Orange County, alternative definitions of "need" for a water supply project and the role of water agencies, Urban Water Management Plans, non-mandated planning documents, and what was and was NOT in the 2018 OC Water Reliability Study. On September 15, 2020, the Regional Board postponed action on the waste discharge permit renewal at Poseidon's request. Poseidon requested additional time to address concerns raised in three days of public hearings, among them: the need and cost of desalinated water; OCWD's commitment to purchase the supply; the harm to marine life caused by the facility's intake process; and whether the Bolsa Chica wetlands Marine Life Mitigation Plan satisfies the state's Ocean Plan requirements for seawater desalination plants. Poseidon informed the Regional Board that it plans to evaluate the mitigation recommendations, work with resource agency and board staffs, and expects to complete the process within 45-60 days. Assuming success at the Regional Board, Poseidon would then seek its final permits from the California Coastal Commission (CCC). The CCC has committed to reviewing the permit within 90 days of the SARWQCB NPDES permit issuance.
Trampas Canyon Dam and Reservoir	Trampas Canyon Reservoir and Dam (Trampas Reservoir) is a seasonal recycled water storage reservoir with a total capacity of 5,000 AF, of which 2,500 AF is available to meet Santa Margarita Water District's projected base recycled water demands, and 2,500 AF to meet future water supply needs. When completed, the Trampas Reservoir will allow SMWD to store recycled water in the winter and draw on that water during the peak summer months. The construction of the Trampas Canyon Recycled Water Seasonal Storage Reservoir consists of three main components: 1. Trampas Canyon Dam (Dam)

Trampas Canyon Dam and Reservor- continued	2. Conveyance facilities to transport recycled water into and out of the Reservoir (Pipelines) 3. Trampas Canyon Pump Station (Pump Station) The construction of the facilities is being completed in three phases: 1. Preconstruction/Site Preparation for the Dam and Pump Station Construction Project Status - Complete 2. Dam and Pipelines Project Status – A Dedication Ceremony was held on October 9, 2020. SMWD and the Contractor are still working through a few issues that require resolution before the DSOD permit to fill the Reservoir can be obtained: a. Potential for the need to replace structural slurry in the cut off wall of the West Dam. b. The need to replace five piezometer deep wells on the Main Dam face. Ten to twelve weeks of smaller-scale construction activity, including Startup and Commissioning, is required to complete the overall project. 3. Pump Station Project Status – The construction period for the Pump Station began in January and is likely to be substantially complete by mid-November. This date has been delayed by six weeks due to late projected deliveries of the special pump control valves. The Pump Station is not needed to operate the Dam & Reservoir for filling purposes, so the control valve delay is considered inconsequential. AECOM and SMWD will be submitting the Emergency Action Plan (EAP) for Trampas Dam in mid-October to CalOES for review and approval. The approval of this Plan is a prerequisite to DSOD issuing a permit to operate Trampas Dam.
NAWI – National Alliance of Water Innovation	Karl Seckel has continued meeting as part of the Municipal Water Core Team process. The overall vision of NAWI is developing non-traditional water sources at pipe-parity costs of existing water sources today - this is an *aspiration*, not a *prediction!* Roadmaps are being prepared for five water end-user types and will be blended into an overall Roadmap by the end of the calendar year: 1. Power 2. Resource Extraction 3. Industrial 4. Municipal 5. Agricultural The Roadmapping Process includes the following steps: 1. Vision (current step, soon moving into the others) 2. Targets/Milestones

NAWI – National Alliance of Water Innovation- continued	3. GAPS/Challenges 4. Solutions 5. Action Plans Hopefully, by the end of this calendar year, solutions and action plans to fill the GAPS and resolve challenges will emerge to prioritize investments, starting with $100M from the Electric Power Research Institute. Water sources being considered in the Water Roadmap includes: 1. ocean water 2. inland brackish groundwater 3. industrial wastewater 4. municipal wastewater 5. mining wastewater 6. conventional produced water 7. unconventional produced water 8. power/cooling wastewater 9. agricultural wastewater
AMP Shutdown in 2021 to Replace PCCP Sections	In 2016, MET initiated a Prestressed Concrete Cylinder Pipe (PCCP) rehabilitation program to install 100 miles of steel liner throughout the MET system to address structural issues associated with prestressed steel wire failures in PCCP. As part of the program, MET monitors PCCP for wire breaks regularly. MWDOC staff was notified that a recent internal inspection of the AMP, which included an electromagnetic survey of the pipeline, revealed two pipe segments with increased wire breaks within the PCCP portion South of OC-70. Metropolitan Engineering considers this section of the pipeline high-risk, which will require relining. The minimum relining length needed would be approximately 1,000 feet, which would require a minimum 1-month shutdown only South of OC-70. A longer shutdown duration would allow Metropolitan to reline approximately 3,300 feet, reducing the number of shutdowns needed for future relining of the entire PCCP portion of the AMP and reducing the overall construction shutdown costs. MET had initially scheduled the AMP PCCP relining to begin in about five years, but based on the survey; this initial section's relining has been accelerated. MET's engineering group considers three pipe segments within a 1,000 linear foot reach downstream of OC-70 as an increased risk due to the segments having 20 or more wire breaks. MET does not recommend that repairs to these segments wait until Fall 2021. MWDOC staff coordinated a meeting with all AMP participants on May 13, 2020, to discuss the options for the proposed shutdown. Two MWDOC member agency projects are also scheduled around the same time as the pending AMP shutdown; a South Coast Water District vault rehabilitation on the JTM that was previously postponed due to the previous Diemer shutdown, and Santa Margarita Water District relocation of a portion of the Aufdenkamp Connection Transmission Main (ACTM) to accommodate the I-5 widening project. The South Coast project is scheduled for completion by the beginning of February 2021.

AMP Shutdown in 2021 to Replace PCCP Sections - continued	SMWD notified the MWDOC staff of pipe supply delays that could delay returning the ACTM to service. As the ACTM is needed to provide water during an AMP shutdown, this would subsequently delay the AMP shutdown. MWDOC staff asked SMWD to explore options for expediting the ACTM project. The pipe manufacturer indicated that overtime work would expedite pipe delivery at the cost of approximately $35,000, increasing the likelihood of completing the ACTM relocation by March 31, 2021, and allowing time for the AMP shutdown to occur before high water demand months. MWDOC staff coordinated a meeting with all affected AMP participants on August 12, 2020, to discuss the regional value of expediting the ACTM relocation and possible cost-sharing options. The SOC agencies agreed to share the costs of expediting the pipe manufacture work. MET has requested a 7-day extension of the AMP shutdown due to difficulties obtaining a 24/7 permit from the City of Irvine and feedback from potential bidders that a 30-day shutdown for planned AMP repairs is insufficient. With the extension, the shutdown is planned for April 3, 2021, through May 9, 2021. Staff is continuing to work with affected agencies and will keep both the Board and the AMP Participants informed as more information becomes available.
Other Shutdowns	**Orange County Feeder** MET is planning to reline and replace valves in a section of the Orange County Feeder from Bristol Ave to Corona Del Mar – this is the last section of this 80-year old pipeline to be lined. A meeting was held on August 27, 2020, between staff from MET, MWDOC, and Mesa WD, and a plan was developed to allow the shutdown to move forward while addressing MWDOC member agency concerns. Staff will continue to work with our member agencies and MET through this shutdown. Due to CIP budgeting changes, MET has proposed new shutdown dates of September 15, 2021, through June 15, 2021. MET will be re-evaluating this Orange County Feeder relining project in the June 2021 budget review. **Joint Transmission Main** SCWD is planning a rehabilitation project of their CM-10 vault in early 2021 on the Joint Transmission Main (JTM), including replacing existing valves. MWDOC coordinates this work with MET and SCWD, so the above referenced AMP shutdown and this project do not overlap. **Aufdenkamp Connection Transmission Main** SMWD is currently working on a relocation of the ACTM pipeline for the I-5 widening project. We are also coordinating with MET and SMWD, so the above referenced AMP shutdown and this project do not overlap. **OC Feeder extension** MET is planning to reline 300-linear feet of the OC Feeder extension affecting the City of Newport Beach. Due to CIP budgeting changes, MET has proposed revised

Other Shutdowns-continued	shutdown dates of June 16, 2022, through July 10, 2022. MET will be re-evaluating this Orange County Feeder relining project in the June 2021 budget review. **Lake Mathews Forebay** MET is also planning a shutdown of the Lake Mathews Forebay for maintenance and repair work, which will affect the Santiago Lateral from March 1-14, 2021. Staff is currently coordinating with MET and IRWD & Trabuco Canyon WD on this shutdown. **Irvine Cross Feeder** MET is planning a PCCP Inspection of the Irvine Cross Feeder November 2-4, 2020, affecting Newport Beach, Huntington Beach, and Mesa WD. Staff is currently coordinating with MET and our affected agencies on this shutdown.

EMERGENCY PREPAREDNESS

October Incidents/ Events:	➢ (Public Safety Power Shutoff, Red Flag Warning, Silverado Fire, Blue Ridge Fire, Smoke Advisory and Orange County Demonstrations) ➢ Beginning October 23rd, following the WEROC PSPS Standard Operating Procedure, WEROC sent information out to agencies on the weather and Southern California Edison and San Diego Gas and Electric potential circuits to be shut off based on the Red Flag Warning and predicted Santa Ana Event. ➢ On October 26th, two fires started in Orange County (Silverado and Blue Ridge) ➢ WEROC coordinated with impacted agencies throughout the events and provided updates to all member agencies. ➢ WEROC communicated with MET regarding their systems, including the status of Diemer. ➢ WEROC did logistical coordination between agencies for potential mutual aid needs for generators. ➢ WEROC maintained coordination as a liaison with the OA EOC and the Incident Command Posts. ➢ WEROC, following the Smoke Advisory Procedure, provided updates for advisories to the member agencies. ➢ Throughout October, numerous demonstrations were scheduled in different member agency service areas. Open-source information was shared with the member agencies on these events to brief field operations and employees where these locations are for safety reasons. This information will continue to be shared with member agencies.
WEROC Program Assessment	➢ Vicki has completed the WEROC Assessment Report. She conducted interviews with employees, member agencies, governing documents, and national standards to perform her assessment. This document is shared with

WEROC Program Assessment -continued	the MWDOC Board of Directors in a three-part series during the P&O Committee meetings. ➢ Part 1 - What emergency management is, the organization, the history of WEROC. ➢ Part 2 - WEROC Strengths, Programs, and Key Findings ➢ Part 3 - Recommendations ➢ These presentations are being made at the MWDOC Manager, MET Managers, and the WEROC Funding agencies meetings.
America's Water Infrastructure Act (AWIA)	➢ WEROC and its consultant, Herndon Solutions Group (HSG), are continuing to work with WEROC agencies to achieve compliance with America's Water Infrastructure Act (AWIA). ➢ There are 18 agencies (both Tier I & II) working concurrently on their AWIA requirements. ➢ Final Emergency Response Plan presentation workshops occurred in September for the Tier 1 agencies with their plans due to EPA by September 30, 2020. All agencies did successfully self-certified by the due date. ➢ Tier II virtual meetings continue to occur for the Risk and Resiliency Assessments (RRA) due in December 2020. Agencies are already receiving their full draft reports for review. ➢ The city of Seal Beach reached out to WEROC in September and rejoined the AWIA project as a Tier 3 agency for Phase 2 & 3. Additionally, the East Orange County Water District will be proceeding with Phase 3. ➢ The city of San Juan Capistrano was formally withdrawn from the AWIA project due to the SMWD merger. They were a Tier 3 agency.
Communication and Coordination with Member Agencies and Outside Agencies	➢ On October 6th, the City of Tustin signed the WEROC (VEPO) agreement at their City Council meeting and has submitted the official paperwork to WEROC. The City of Tustin also joined CalWARN ➢ The Operational Area Agreement went into effect on September 26, 2020. The Orange County Sheriff Department sent Assistance General Manager Karl Seckel a request to identify the representation for the Operational Area Executive Board. Vicki will be the primary representative of the Water and Waste Water Mutual Aid. ➢ The Operational Area requested all agencies to submit their 2020 NIMS reporting to the OA by October 28th. This report is essential for agencies to complete to show compliance with NIMS. Vicki has made herself available for any agencies that may have questions. The due date submitted MWDOC/WEROC NIMS information. ➢ On October 15th, WEROC coordinated with the Orange County Intelligence Assessment Center regarding a cyber-bulletin. ➢ October 22nd was the Mutual Aid Regional Advisory Committee (MARAC) Quarterly meeting. Items on the agenda included recovery, training update, hazard mitigation, Southern California Edison presentation, the California Earthquake Warning California Program, and the California Adaptation Planning Guide.

Emergency Operations Center Readiness and Systems	➢ Daniel has been focusing on system checks and ensuring the Emergency Operations Centers' operational and communication systems are operational. ➢ Daniel has completed the annual recertification of fire safety systems at the EOCs. ➢ The WEROC team is working on the data management of all files. ➢ Janine continues to update contact lists and process sheets in Safety Center. ➢ Vicki has reached out to the Operational Area to update the Resource Management and Resource Request board issues. A coordination meeting to work on this issue has been scheduled for the beginning of November.
Standardized Emergency Management System and the National Incident Management System	➢ The training was delivered to 32 people in attendance for the October 6-8th ➢ ICS 300 – Intermediate Command System training was delivered on October 12- 16th. Unfortunately, the October 26 – 30th class was only able to meet one day, and then it was canceled due to the fires. This class will be rescheduled for January. ➢ ICS 400 – Advance Incident Command has been approved by the state and offered the week of November 9th.
COVID-19 (Corona Virus) Coordination	➢ As of October 27th, Orange County remains in the red tier due to its numbers over the past two weeks. WEROC provides updated information from the County Health Care Agency and the state as it is released and available. ➢ WEROC continues to monitor the State and County for changing information and is sharing information with agencies as it becomes available. ➢ WEROC is participating in the weekly Operational Area Conference calls. ➢ WEROC continues to hold bi-weekly conference calls on Tuesdays with member agencies to report on Federal, State, and County changes. Calls continue to support the sharing of information between agencies, logistics, legislation, and recovery updates. Additionally, agencies have an opportunity to share best practices or ask other agencies for input on an issue they are encountering. Post COVID-19, these calls will transition into different topics and continue as long as the agencies' information benefits. ➢ WEROC is monitoring the legislation related to COVID-19 and working with Government Affairs. ➢ WEROC continues to support agencies daily by answering their questions. Vicki has provided agency assistance with OSHA training and guidance on requirements due to the current COVID conditions.

WATER USE EFFICIENCY

Orange County Data Acquisition Partnership (OCDAP) Meeting	On October 12, Steve Hedges and Rachel Waite attended the OCDAP meeting. Those in attendance included OCDAP working group members. Topics on the agenda included: • Participation Agreement Tracking Log • OCDAP Cycle 1 Payment • Deliverables and Flight Status Update • OCDAP Website: Host and Content • Authorized User Agreements and Data Use • OCDAP Timeline and Lessons Learned • Discussion on OCDAP Steering Committee, Objectives, Mission, and Vision Statements • OCDAP Cycle 1 FAQ Update The next meeting is scheduled for December 14.
City of San Clemente – Leak Detection Kickoff Meeting	On October 13, Rachel Davis, Joe Berg, and Jason Thorsell held a leak detection survey kick-off meeting via Zoom with the City of San Clemente staff. Items discussed included: • Leak Detection Techniques • Survey Area, Schedule, and Scope • Reporting • Questions and Concerns
Orange County Leak Detection Forum	On October 13, Rachel D., Joe, and Jason hosted a Leak Detection Forum via Zoom. Staff from El Toro Water District, the City of San Clemente, Moulton Niguel Water District, and Irvine Ranch Water District joined MWDOC staff to exchange leak detection program ideas and experiences. Topics discussed included: • Leak Detection Survey Area Selection Methods and Criteria • Leak Detection Equipment, acoustic listening devices, correlating loggers, etc. The next Leak Detection Forum is scheduled for December 8.
DWR Water Loss Workgroup	On October 15, the California Department of Water Resources (DWR) held its second Water Loss Workgroup meeting in response to Senate Bill 555. DWR plans to convene this workgroup monthly. Joe was the guest speaker and described the MWDOC Water Loss Control Program. Approximately 80 attendees participated in this meeting

Metropolitan Water District of Southern California (MET) Water Use Efficiency Workgroup Meeting	On October 15, Beth Fahl participated in Metropolitan's Water Use Efficiency Workgroup meeting via Zoom. Topics on the agenda included:
	• Welcome
	• Gas Company Kicker on Rebates
	• October Metropolitan Board Presentations
	  o Multi-Family Property Toilet Replacement Program
	  o Flow Monitoring Device Pilot Program; and Resolution to Support Metropolitan's Application for USBR Grant Funding
	• Metropolitan Educational Programs Update
	  o Landscape Classes
	  o MWEL and WELDCP
	• Metropolitan External Affairs
	• Member Agency Roundtable
	
	The next workgroup meeting is scheduled for November 19 via Zoom.

Project Agreement 22 (PA 22) Advisory Workgroup	On October 19, Rachel W. attended the PA-22 Advisory Workgroup. Topics on the agenda included:
	• SARCCUP Water Budget Assistance
	  o Overview of RFP Edits
	  o Retail Agency Recruitment and Pilot Effort
	  o November 10 PA 22 Recommendation
	• Enhanced Water Budget Prop 1/USBR Project
	  o Project Schedule Update
	  o Overview Of SAWPA/DWR/USBR Discussion Regarding 2018 Statewide Imagery
	  o Next Steps
	• SAWPA Water Use Efficiency Related Invoicing Updates
	• Prop 84 2014 Drought Grant Retention Updates
	
	The next PA 22 Committee meeting is November 10, and the next PA 22 Advisory Workgroup is tentatively scheduled for late November.

Alliance for Water Efficiency (AWE) Research Committee	On October 22, Rachel W. participated in the AWE Research Committee, which water professionals attended across the United States and Canada. Topics on the agenda included: • Research Committee Activity • Committee Member Research Activity Updates • Committee Work Plan for 2021 • AWE Project Updates • CALWEP Research and Evaluation Committee • Other Business/Updates The next meeting is tentatively scheduled for Wednesday, December 16.

Qualified Water Efficient Landscaper (QWEL) Professional Certifying Organizations (PCO) Meeting	On October 22, Andrea Antony-Morr attended the QWEL PCO meeting. The purpose of this meeting is to share updates and resources on the QWEL training program. Topics on the agenda included:
	• Program Update
	  o QWEL Received a WaterSense Excellence Award
	• Online Roundtable
	  o Experiences Implementing QWEL via an Online Format
	
	The next meeting is tentatively scheduled for January 2021.

Grants Tracking and Acquisition Program – Bi-Monthly Informational Call	On October 27, Rachel W. attended the Grants Tracking and Acquisition Program Bi-Monthly Informational call hosted by Joey Soto of Soto Resources and Heather Baez. This meeting informs Orange County retailers of MWDOC's Grants Tracking and Acquisition Program with Soto Resources. Topics on the agenda included: • Program Overview • Program Description and Benefits • New Funding Opportunities • Upcoming Deadlines • Questions The next meeting is scheduled tentatively for December 22.
DWR Standards, Methodologies and Performance Measures Workgroup Meeting	On October 28, Joe and Rachel W. attended the DWR Standards, Methodologies, and Performance Measures Workgroup hosted by DWR. The meeting objectives were (1) to inform the Workgroup, and the public on DWR's process in developing a recommendation for an outdoor water use standard; and (2) Provide an overview of the Workgroup process to support this work. Topics on the agenda included: • 2018 Water Conservation Legislation • Process for the Development of Outdoor Water Use Standard Recommendations • Overview of Landscape Area Measurement Process and Reference Evapotranspiration • Data Analysis to Inform and Support Standard Development • Wrap Up and Next Steps The next meeting is not yet scheduled but is expected to take place in early 2021.
CA-NV AWWA Annual Fall Conference	On October 28, the American Water Works Association California-Nevada Section (CA-NV AWWA) held its Annual Fall Conference. Rachel D. gave a presentation titled "So You Want to Do Leak Detection: Stories from Our First Year" in collaboration with staff from Water Systems Optimization. The presentation was part of a broader Water Management and Efficiency Session and was attended by approximately 40 people.

Orange County Water Use Efficiency Coordinators Workgroup Meeting	On November 5, Joe, Steve, Beth, Rachel W., Andrea, and Rachel D. hosted the Orange County Water Use Efficiency Coordinators Workgroup meeting via Zoom. Highlights on the agenda included:
	• MWDOC Updates
	• Agency Roundtable/Problem Solving
	• Pressure Regulation Legislation
	• Metropolitan On-Site Retrofit Program
	  o Multi-Family Property Toilet Replacement Program
	  o Flow Monitoring Device Pilot Program
	  o MWEL and WELDCP
	• Water Use Efficiency Programs Update
	  o Rebate Processing Platform RFP Update
	  o Pressure Regulating Valves Program
	  o Dedicated Irrigation Meter Services
	  o
	• CalWEP Update
	
	The next meeting is scheduled for December 3.

PUBLIC/GOVERNMENT AFFAIRS

Member Agency Relations	**Public Affairs Staff:** • Designed and ordered bill inserts for MWDOC member agencies • Coordinated and hosted a Public Affairs Workgroup for member agency public information officers via Zoom • Designed and printed vehicle magnets for the City of San Clemente **Governmental Affairs Staff:** • Participated in the Grants Tracking and Acquisition bi-monthly meeting with member agencies
Community Relations	**Public Affairs Staff:** • Participated in annual "Imagine a Day Without Water" campaign on social media by producing three video interviews with local Orange County business owners and education partner Orange County Coastkeeper
Media Relations	**Public Affairs Staff:** Coordinated with Martin Wiskol on OC Register stories
Education	**Public Affairs Staff:** • Prepared and distributed the Southern California Water-Energy Education Alliance (WEEA) education and industry surveys for feedback on workforce and Career Technical Education program (CTE) interest and needs

Education - continued	• Produced and shared a WEEA promotional video: https://youtu.be/BIxjYv74Szg • Hosted the quarterly WEEA Leadership Roundtable Meeting #6 • Met with Strategic Energy Innovations (SEI) and Metropolitan Water District of Southern California (Metropolitan) to discuss potential partnership opportunities for WEEA • Interviewed by the California Environmental Literacy Initiative on environmental literacy and education • Met with Ten Strands hosted CTE subcommittee on integrating environmental literacy into CTE programs • Met with SEI, Metropolitan, and Inland Empire Utilities Agency to discuss High Road Training Partnerships Grant opportunities • Met with Orange County Coastkeeper regarding potential partnership on education initiatives • Participated in the first session of Tap-In 2020 - Sustainable Education virtual conference hosted by Las Virgenes Municipal Water District • Participated in Metropolitan's Member Agency Education Coordinator's meeting • Attended MWDOC Choice Elementary School Program (K-2) virtual presentation hosted by Shows That Teach for Laguna Niguel Elementary School • Attended MWDOC Choice Elementary School Program (3-6) virtual presentation hosted by Discovery Cube Orange County for Sunset Lane Elementary • Provided information to member agencies regarding participation in Metropolitan's Virtual Solar Cup 2021 • Provided information regarding the MWDOC Choice School Programs to the City of Westminster • Requested participating member agency confirmation of the list of eligible schools in their service areas for participation in the MWDOC Choice School Programs
Special Projects	**Public Affairs Staff:** • Completed Public Affairs Communication Program and Plan updates • Met with Wyland Foundation President and Project Manager to discuss the strategy and execution of My Volunteer Water Project • Researched and coordinated media contact platforms • Created media contact sheet for Water Emergency Response Organization of Orange County (WEROC) • Published several website updates • Completed several websites, electronic, and print updates for MWDOC Water Use Efficiency (WUE) rebate programs • Met with Metropolitan staff to discuss collaboration on Boy and Girl Scouts Merit Badge and Patch clinics • Prepared a resolution for Director Joan Finnegan's retirement • Participated in CalDesal's Virtual Townhall

Special Projects- continued	• Completed annual Boy Scouts of America Youth Protection Training course • Interviewed as the California Association of Public Information Officials Communicator of the Year on staying motivated and engaging others during the COVID pandemic: https://rb.gy/amhjgt • Coordinated Director Dick's participation in Urban Water Institute Virtual Event with Jeff Kightlinger • Began the discovery process with LA Design Studio for Search Engine Optimization of the mwdoc.com website. **Governmental Affairs Staff:** • Sent out ISDOC Quarterly Luncheon reminder email • Sent out a calendar invite and reminder for the bi-monthly grants meeting for MWDOC and member agency grants staff • Staffed the WACO Planning Committee meeting • Collected, filed, and counted the ISDOC Executive Committee election ballots • Worked with MWD staff to coordinate speakers at upcoming MWD Board meetings • Reviewed WACO bylaws and sent corresponding information to the WACO nominating committee for the 2021-2022 Chair and Vice-Chair nomination/election • Sent out final ISDOC Quarterly Luncheon meeting invite • Staffed the ISDOC Executive Committee meeting • Researched ISDOC commendation plaques and shared the information with the executive committee members • Met with Joey Soto to discuss the grants program and future funding opportunities • Participated in Orange County Water Summit staff planning meeting
Legislative Affairs	**Governmental Affairs Staff:** • Sent out federal and state advocacy proposals received to the review committee • Participated in federal and state advocacy proposal review meeting to discuss the proposals received and determine which firms to interview • Met with Andrea Abergel, a new staffer at CMUA, to discuss MWDOC's legislative priorities • Worked with admin staff to schedule federal and state advocacy firm interviews • Participated in CMUA's annual legislative and regulatory planning meeting • Called all firms who received an interview to outline some discussion points the Committee would like them to focus on in their interview • Participated in the ACWA/CMUA SB 200 working group meeting • Participated in the ACWA Region 10 State Legislative Committee planning call • Interviewed six DC-based firms and two Sacramento based firms who sent proposals to provide federal and state advocacy services for MWDOC

Legislative Affairs-continued	• Participated in the ACWA State Legislative Committee Annual Planning meeting and reviewed potential ACWA sponsored legislation • Participated in CSDA's Annual Legislative Planning meeting and reviewed possible CSDA sponsored legislation • Met with the federal advocacy review committee to review and determine which firm to recommend to the Board of Directors

MWDOC

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MEMBER AGENCIES

City of Brea
City of Buena Park
East Orange County Water District
El Toro Water District
Emerald Bay Service District
City of Fountain Valley
City of Garden Grove
Golden State Water Co.
City of Huntington Beach
Irvine Ranch Water District
Laguna Beach County Water District
City of La Habra
City of La Palma
Mesa Water District
Moulton Niguel Water District
City of Newport Beach
City of Orange
Orange County Water District
City of San Clemente
City of San Juan Capistrano
Santa Margarita Water District
City of Seal Beach
Serrano Water District
South Coast Water District
Trabuco Canyon Water District
City of Tustin
City of Westminster
Yorba Linda Water District

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
AGENCIES MANAGERS MEETING

ZOOM LINK: Join Zoom Meeting
https://zoom.us/j/290377118

Meeting ID: 290 377 118
Password: 900674
Dial-in option: (669) 900-9128

WHEN: **Thursday, November 19, 2020 from 10:30 am to 12:00 pm.**

DRAFT AGENDA

1. Opportunity to add and discuss items not already listed.

Page #/Link

2. Information/Discussion Items:

2-1. MWDOC Board Draft Agendas ..... (Link)
2-2. WEROC Program Assessment – Presentation #2 ..... (Link)
2-3. COVID-19 Update
2-4. Metropolitan SARCCUP Agreements..... (Link)

3. Update Items:

3-1. MWDOC Rate Study ..... (Link)
3-2. Model Drought Ordinance
3-3. Metropolitan Updates

4. Announcements:

4-1. AMP Participants Common Interest Agreement ..... Meeting Date TBD
4-2. LRP Annual Reconciliation Data Due ..... December 31, 2020

5. Report Items:

5-1. Monthly GM Report ..... (Link)
5-2. Legislative Reports ..... (Link)
5-3. WEROC Matrix ..... (Link)
5-4. Grant Funding Opportunities ..... (Link)

5. Next meeting will tentatively be held December 17, 2020.

Independent Special Districts of Orange County

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Meeting Location

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www.mwdoc.com/isdoc

Executive Committee

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Hon. Saundra 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

Quarterly Meeting

Thursday, October 29, 2020
11:30 a.m. to 1:00 p.m.

AGENDA

I. Call to Order

II. Pledge of Allegiance

III. Reports

a. Executive Committee Report
b. Treasurer's Report
c. CSDA Report
d. LAFCO Report
e. ACWA Report
f. OCCOG
g. Orange County Operational Area

IV. Program

Adam Probolsky
He will be sharing his insight on the November 2020 election.

V. Member Spotlight

Orange County Cemetery District

VI. ISDOC Executive Committee Election Results

VII. Announcements

VIII. Adjourn

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. Saundra F. 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

Executive Committee Meeting

Tuesday, November 3, 2020
7:30 a.m.

The next meeting of the ISDOC Executive Committee will be via teleconference only. The MWDOC/OCWD offices are closed to the public. Please use the information below to access the meeting.

Join Zoom Meeting

https://zoom.us/j/99287384726

Dial by your location
669 900 9128 US (San Jose)
877 853 5247 US Toll-free
888 788 0099 US Toll-free

Meeting ID: 992 8738 4726

AGENDA

I. Welcome, Introductions – 7:30 am

[Please mute yourself when not speaking. Please raise hand on Zoom if you have a question or comment.]

II. Approval of Minutes – 7:35 am

- Consider approval of the minutes for the October 6, 2020 meeting.

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

IV. New Business – 7:45 am

V. Old Business – 7:50 am

- Discussion of letter regarding recruitment of Metropolitan Water District General Manager and desired qualifications.
- Discussion of letter regarding comments to MWD IRP scenarios.
- Discussion of formation of an ISODC Ad Hoc Committee to support changes to the general election filing requirements for special districts.

VI. Treasurer's Report – 8:00 am – Director Finnegan

- Report of accounts

VII. CSDA Report – 8:05 am – Director Schafer

- Receive, discuss and file the CSDA Report

VIII. LAFCO Report – 8:10 am – Director Fisler

- Receive, discuss and file the LAFCO report

IX. ACWA Report – 8:15 am – Director Jacobs

- Receive, discuss and file the ACWA report

X. OCCOG Report – 8:20 am – Director Scheafer

- Receive, discuss and file OCCOG report

X. Orange County Operational Area Report - 8:25 am – Director Monin

- Receive, discuss and file OCOA report

XI. Subcommittee Reports – 8:30 am

- Programs
  - Review of October Quarterly Luncheon
  - Discussion of January Luncheon - Arlene Schafer
- Membership
- Legislative
  - Discuss and consider taking action on proposed legislation of interest to Special Districts.

XII. Adjourn – 8:40 am

Independent Special Districts of Orange County

ISDOC Executive Committee (Virtual Meeting via Zoom)

October 6, 2020

Minutes

I. Welcome

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

Saundra Jacobs, President (SMWD)
Mark Monin, 1st Vice President (ETWD)
Arlene Schafer, 2nd Vice President (CMSD)
Mary Aileen Matheis, 3rd Vice President (IRWD)
Joan Finnegan, Treasurer (MWDOC)
Bill Green, Secretary (SCWD)
James Fisler, Immediate Past President (Mesa WD)

Others Present:

Gavin Centero (OC LAFCO)
Harvey De La Torre (MWDOC)
Larry Dick (MWDOC)
Mike Gaskins ETWD
Kathy Krasenics (Smart Watt, Inc.)
Greg Mills (Serrano WD)
Vicki Osborn (MWDOC)
Chris Palmer (CSDA)
Art Perry (CMSD)
Mike Scheafer, Director (CMSD)
Heather Baez (MWDOC)
Christina Hernandez (MWDOC)
Jody Brennan (SCWD)

II. Minutes

The minutes of the September 1, 2020 meeting were reviewed. Upon a motion by Joan Finnegan and second by Arlene Schafer the minutes were unanimously approved.

III. Public Comments

None

IV. New Business

Larry Dick had requested that ISDOC look into the possibility of CSDA becoming active in supporting changes to the general election filing requirements for special districts. President Jacobs reported CSDA is hesitant to take on this issue. Heather Baez clarified that it is the State Legislative Committee that makes that decision and she reported they also would be hesitant.

Larry Dick said his hope is that those running for City Council would be required to collect signatures as other election issues in the hopes that candidates for those positions would have merit and demonstrate their desire to serve. It would also be a way to address rising elections costs incurred by special districts. Other participants concurred with the views presented by Mr. Dick.

President Jacobs suggested that if this advocacy were to proceed, it would need to be a localized effort and if there is interest, ISDOC could assemble an Ad Hoc Committee on this topic. Chris Palmer addressed the rising election costs and thought there are other ways, besides signature collection, to look at overall election costs.

It was decided that more information was needed and the next step would be to ask for volunteers at the next ISDOC Executive Meeting on an Ad Hoc Committee to address this topic. Bill Green suggested CSDA do a survey of election costs of their members – this idea could be discussed by the Ad Hoc Committee.

V. Old Business

President Jacobs presented a letter drafted by President Jacobs and Bill Green to Metropolitan Water District regarding the General Manager recruitment and desired qualifications and IRP scenarios. The draft letter will be sent to the Executive Committee for review. Mark Monin reminded the group that ISDOC members are not only water districts and thought that should be considered. Bill Green suggested that other members, besides water districts, review and comment on the draft letter. The letter will be on hold until the comments of the group are received and reviewed.

Bill Green made a motion to suspend ISDOC dues for 2021; motion was seconded by Mark Monin and was unanimously approved.

VI. Treasurer's Report

Joan Finnegan reported a balance of $12,964.62. The were no new income or expenses for the month.

President Jacobs recommended Bill Green and Joan Finnegan get together to discuss the transition of Treasurer's documents and signatory cards prior to the end of the year. The actual change in the documents would need to take place after the ISDOC election. Arlene Schafer thanked Joan for all of her years as a dedicated Treasurer to ISDOC.

VII. CSDA Report

Arlene Schafer reported on the following:

- CSDA Board is meeting today - Arlene Schafer will report on the activities at the next ISDOC Executive Committee meeting.
- CSDA is looking for speakers for workshops and conferences – please submit any names to Megan at CSDA.
- The CSDA loan program offers better interest rates than banks if anyone is in need of a loan.
- Chris Palmer reported on the successful advocacy of special districts being included in SB 754 and funding has been earmarked specifically for special districts

VIII. LAFCO Report

Jim Fisler reported the next OC LAFCO meeting will be October 14 at 8:15. All meeting details can be found on OC LAFCO website. Agenda items include adoption of 2021 meeting calendar, update on OCERS 21/22 contribution rates, comprehensive Quarterly Report, completion of the Municipal Service Reviews and Sphere of Influence for MWDOC and for OC Sanitation District and a legislative update. The November OC LAFCO meeting will be cancelled.

IX. ACWA Report

The was no ACWA report.

X. OCCOG Report

Mike Scheafer reported on September OCCOG Board meeting items as follows:

- Received a presentation on coalition of big trucks affecting infrastructure. Mark Monin expressed concerns with OCCOG supporting this item. Mike Scheafer reported that this item warrants more discussion at OCCOG.
- A new video is being released in next 30 days on RHNA issue
- OCCOG received a request to support new Angel's Stadium development project. The Board is supporting the project and sent a letter as such.

XI. Orange County Operational Area Report

- Vicki Osborn, Director of Emergency Manager, WEROC, reported on the recent Orange County Operational Area meeting. Discussion topics included:
- Orange County is still in red tier for COVID – all special districts are doing fine and they are watching school reopening's.
- Next Executive Committee meeting will be in November.

XII. Subcommittee Reports

- Programs:
  - Mark Monin reported the next Quarterly Luncheon will be held virtually on October 29 and the speaker is Adam Probolsky on the upcoming election. OC Cemetery District will be the highlighted district.
  - January luncheon speaker ideas included OC Sherriff and community unrest and the homeless issue. Arlene Schafer suggested the following speakers: 1) John Wayne Airport director on getting Orange County flying again; 2) Interim City Attorney for Santa Monica regarding CVRA prevailing in court; and 3) OC Great Park speaker on completed projects and what is planned for the future. MNWD has agreed to be the highlighted district at the luncheon.
- Membership: None
- Legislative Update: Covered in other areas of the agenda and CSDA Alerts continue to be sent to all members.

XIII. Adjourn: The meeting adjourned at 8:44.

WACO
Water Advisory Committee of Orange County

WACO Planning Committee
Tuesday, October 20, 2020
7:30 A.M.

Join Zoom Meeting
https://zoom.us/j/92882659982

Meeting ID: 928 8265 9982

Phone Audio: 669-900-9128

AGENDA

Mailing Address
P.O. Box 20895
Fountain Valley, CA 92728

Meeting Location
Virtual - Zoom

(714) 378-8232
(714) 963-0291 *fax*

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

ACTION ITEMS

1. November 6 WACO meeting *(Virtual)*
   - Topic: The Affordability of Water
   - Moderator/Speaker: Adan Ortega, Executive Director, Cal Mutuals (confirmed)
   - Speaker: Laurel Firestone, Member, State Water Resources Control Board (confirmed)
   - Speaker: Paul Jones, General Manager, Eastern Municipal Water District (confirmed)
   - Reports: ACWA, Met

2. December WACO meeting *(Virtual)*
   - Currently scheduled for 2nd Friday, December 11. Switch to 1st Friday, December 4 or keep on the 11th?
   - Decide on topic and speakers to invite
     - Potential topics brought up at the last planning meeting included: Water Quality/CECs or CA Wildfires
   - Decide on reports

DISCUSSION ITEMS

1. Chair and vice chair elections
   - Announce at November meeting and elect at December meeting
   - How will decision be made? Poll? Chat?

2. 2021 WACO meeting calendar
   - Please see attachment and discuss any changes wishing to be made

3. Acknowledgement for previous meeting attendee
   - Councilman Allen Bernstein is leaving the Tustin City Council, and the city has requested acknowledgements from entities of which he was involved

4. Future topics for virtual and in person meetings
   - Asset replacement and pipeline integrity (Jim Atkinson)
   - Update on Prop 1 funding (Larry Dick)
   - Dissolution of Sativa Water District
   - Ducks Unlimited (Howard Hull)
   - International view of water (Ahmad Zahra)
   - Urban Water Management Plan (Bob McVicker)
   - Water Solutions Network (Larry McKenney)
   - The future of 5G w/Crown Castle (Sat Tamaribuchi)
   - Species in the river - Dept. of Fish & Wildlife (Peer Swan)

5. Discussion of October 2 meeting
   - Colorado River Salinity

ADJOURN

Stay Connected with WACO on Facebook, Twitter and YouTube!

AGENDA

Friday, November 6, 2020
7:30 a.m. - 9:00 a.m.

Register for Zoom Meeting
https://ocwd.zoom.us/meeting/register/tJwtd-ugpj8rHt1y5BAvJ9KEWmaRIrnZWtN1
(Link provided immediately after registration)

Mailing Address
P.O. Box 8300
Fountain Valley, CA 92708

Meeting Location
Via Zoom

(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

Stay Connected with WACO on Facebook, Twitter, and YouTube!

/orangecountywater

@waco_h2o

/orangecountywater

1. Welcome

- Jim Atkinson, Mesa Water District

2. Housekeeping & Meeting Etiquette

3. Pledge of Allegiance

4. Program: The Affordability of Water

- Moderator: Adán Ortega, Executive Director, CalMutuals
- Laurel Firestone, Board Member, State Water Resources Control Board
- Paul Jones, General Manager, Eastern Municipal Water District

5. 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

6. 2021 WACO Chair and Vice Chair Nominations

- Larry Dick, Municipal Water District of Orange County

7. Adjourn

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Next WACO Meeting

Friday, December 4, 7:30 a.m. via Zoom
(Meeting rescheduled to first Friday)

Next WACO Planning Committee Meeting

Tuesday, November 17, 7:30 a.m. via Zoom

WACO Planning Committee
Tuesday, November 17, 2020
7:30 A.M.

Join Zoom Meeting
https://zoom.us/j/92882659982

Meeting ID: 928 8265 9982

Phone Audio: 669-900-9128

AGENDA

Mailing Address
P.O. Box 20895
Fountain Valley, CA 92728

Meeting Location
Virtual - Zoom

(714) 378-8232
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Officers

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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

ACTION ITEMS

1. December 4 WACO meeting *(Virtual)*
   - Topic: Pipeline Integrity
   - Speaker 1: Karen Igar, Mesa Water District (confirmed)
   - Speaker 2: Dave Spencer, HDR (confirmed)
   - Reports: ACWA, Met, CSDA
   - Officer elections

DISCUSSION ITEMS

1. January 8 WACO meeting *(Virtual)*
   - Three potential topics for January were brought up at the last planning meeting
     - CECs – SCWRP and OCWD
     - Renewable energy impacts – vehicles, operations, electricity source
     - CO2 emissions – where are they coming from and where do they go?

2. Future topics for virtual and in person meetings
   - Update on Prop 1 funding (Larry Dick)
   - Dissolution of Sativa Water District
   - Ducks Unlimited (Howard Hull)
   - International view of water (Ahmad Zahra)
   - Urban Water Management Plan (Bob McVicker)
   - Water Solutions Network (Larry McKenney)
   - The future of 5G w/Crown Castle (Sat Tamaribuchi)
   - Species in the river - Dept. of Fish & Wildlife (Peer Swan)
   - What does reduced reliance on the Delta mean for SoCal? (Peer Swan)

3. Discussion of November 6 meeting
   - The Affordability of Water

INFORMATIONAL ITEMS

1. Nominating committee is meeting immediately after WACO planning to discuss chair and vice chair elections

2. 2021 WACO calendar (see attachment)

ADJOURN

Stay Connected with WACO
on Facebook, Twitter and YouTube!

DATES TO REMEMBER

NOVEMBER/DECEMBER 2020

1. Nov 24 – 10:30 a.m. – SOCWA Finance Committee
2. Nov 24 – 12:00 p.m. – South County Agencies Meeting
3. Nov 25 – 10:00 a.m. – City of Lake Forest Utility Coordination Meeting
4. Nov 26-27 – THANKSGIVING HOLIDAY – DISTRICT OFFICE CLOSED
5. Nov 30 – 10:00 a.m. – JPIA Board Meeting
6. Nov 30 – 1:00 p.m. – Pres/VP/GM Meeting
7. Dec 1 – 7:30 a.m. – ISDOC Executive Committee Meeting
8. Dec 2-3 – ACWA Fall Conference
9. Dec 4 – DISTRICT OFFICE CLOSED
10. Dec 4 – 7:30 a.m. - WACO
11. Dec 7 - 7:30 a.m. – Agenda Review
12. Dec 7 – 1:30 p.m. – SOCWMA Management Committee Meeting
13. Dec 8 – 10:30 a.m. – SOCWA Finance Meeting
14. Dec 9 – 8:30 a.m. – LAFCO
15. Dec 9 – 8:30 a.m. – MWDOC Admin/Finance Meeting
16. Dec 10 – 11:00 a.m. – SOCWA Member Agency Managers JPA Meeting
17. Dec 11 – 1:00 p.m. – Pres/VP/GM Meeting
18. Dec 14 – 7:30 a.m. – Regular Engineering/Finance Committee Meetings
19. Dec 14 – 8:30 a.m. – MWDOC Planning/Operations Meeting
20. Dec 15 – 7:30 a.m. – WACO Planning Committee Meeting
21. Dec 15 – 10:00 a.m. – RRC Meeting
22. Dec 16 – 7:30 a.m. – Regular Board Meeting (Wednesday)
23. Dec 16 – 8:30 a.m. – MWDOC Board Meeting
24. Dec 17 – 8:00 a.m. – SAC Meeting
25. Dec 17 – 8:30 a.m. – SOCWA Engineering Committee Meeting

26. Dec 17 – 9:30 a.m. – SOCWA Board Meeting
27. Dec 17 – 10:30 a.m. – MWDOC Managers Meeting
28. Dec 18 – DISTRICT OFFICE CLOSED
29. Dec 21 – 8:30 a.m. – MWDOC Public Affairs Meeting
30. Dec 22 – 10:30 a.m. – SOCWA Finance Meeting
31. Dec 25 – CHRISTMAS HOLIDAY – 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 know 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 untendered 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.

Evapotransporation: 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 if 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.