

MEETING OF THE BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
ADMINISTRATION & FINANCE COMMITTEE
September 9, 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>.

PRESENTATION

1. OTHER POST-EMPLOYMENT BENEFITS TRUST & PENSION RATE
STABILIZATION PROGRAM (PRSP) TRUST CLIENT REVIEW

PROPOSED BOARD CONSENT CALENDAR ITEMS

2. **TREASURER'S REPORT**
 - a. Revenue/Cash Receipt Report – August 2020
 - b. Disbursement Approval Report for the month of September 2020
 - c. Disbursement Ratification Report for the month of August 2020
 - d. GM Approved Disbursement Report for the month of August 2020
 - e. Water Use Efficiency Projects Cash Flow – August 31, 2020
 - f. Consolidated Summary of Cash and Investment – July 2020
 - g. OPEB and Pension Trust Fund monthly statement
3. **FINANCIAL REPORT**
 - a. Combined Financial Statements and Budget Comparative for the Period ending July 31, 2020

DISCUSSION/INFORMATION ITEM (to be presented to the Water Facilities Corporation Board for action on September 16, 2020)

4. **MWDOC WATER FACILITIES CORPORATION ANNUAL MEETING**
 - a. 2020 Annual Filing of Tax Compliance Reports for the MWDOC Water Facilities Corporation
 - b. Annual Reorganization of Board Officers for the MWDOC Water Facilities Corporation

ACTION ITEM

5. **REVISION TO ADMINISTRATIVE CODE SECTION 9500 – DISPOSAL OF SURPLUS PERSONAL PROPERTY**

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. **NEW FINANCIAL SOFTWARE - ACCUFUND**
7. **DEPARTMENT ACTIVITIES REPORTS**
 - a. Administration
 - b. Finance and Information Technology
8. **MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION**

OTHER ITEMS

9. **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.



MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Other Post-Employment Benefits Trust &
Pension Rate Stabilization Program (PRSP) Trust Client Review
September 9, 2020

CONTACTS



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PARS 115 TRUST TEAM

Trust Administrator & Consultant

- Recordkeeping
- Sub-trust accounting
- Monitors plan compliance
- Processes contributions/disbursements
- Hands-on, dedicated support teams
- Coordinates all agency services

36
Years of Experience
(1984-2020)

1,500+
Plans under Administration

1,000+
Public Agency Clients

500k+
Plan Participants

\$4.2B
Assets under Administration

Trustee

- 5th largest commercial bank and one of the nation's largest trustees for Section 115 trusts.
- Safeguard plan assets,
- Oversight protection as plan fiduciary
- Custodian of assets

Investment Manager

- Investment sub-advisor to trustee U.S. Bank
- Investment policy assistance
- Uses open architecture
- Active and passive platform options
- Customized portfolios (with minimum asset level)

157
Years of Experience
(1863-2020)

\$5.0T
Assets under Administration

101
Years of Experience
(1919-2020)

\$16.2B
Assets under Management

SUMMARY OF AGENCY'S OPEB PLAN

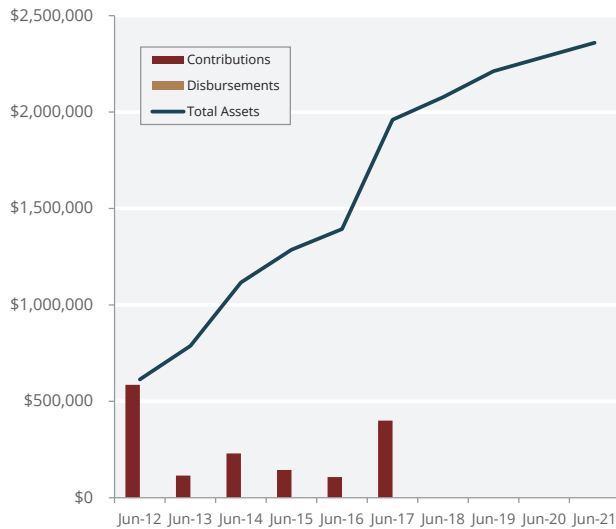
Plan Type:	IRC Section 115 Irrevocable Exclusive Benefit Trust
Trustee Approach:	Discretionary
Plan Effective Date:	July 20, 2011
Plan Administrator:	General Manager
Current Investment Strategy:	Moderate HighMark PLUS (Active) Strategy; Pooled Account

AS OF JULY 31, 2020:

Initial Contribution:	October 2011: \$500,00
Additional Contributions:	\$1,080,656
Total Contributions:	\$1,580,656
Disbursements:	\$0
Net Investment Earnings:	\$778,927
Account Balance:	\$2,359,583

SUMMARY OF AGENCY'S OPEB PLAN

CONTRIBUTIONS, DISBURSEMENTS, AND TOTAL ASSETS AS OF JULY 31, 2020:



Year	Contributions	Disbursements	Total Assets
Jun-12*	\$585,572	\$0	\$613,547
Jun-13	\$114,630	\$0	\$787,265
Jun-14	\$229,436	\$0	\$1,116,390
Jun-15	\$143,687	\$0	\$1,286,254
Jun-16	\$107,332	\$0	\$1,393,327
Jun-17	\$400,000	\$0	\$1,960,367
Jun-18	\$0	\$0	\$2,077,720
Jun-19	\$0	\$0	\$2,212,237
Jun-20	\$0	\$0	\$2,286,083
Jun-21**	\$0	\$0	\$2,359,583

Plan Year Ending

*Plan Year Ending June 2012 is based on 9 months of activity.
**Plan Year Ending June 2021 is based on 1 month of activity.

OPEB ACTUARIAL RESULTS

- We have received the actuarial report by Demsey Filliger & Associates, LLC dated August 21, 2019 with a measurement date as of June 30, 2019. In the table below, we have summarized the results.

Demographic Study Measurement Date: June 30, 2019	
Actives	14
Retirees	12
Total	26

OPEB ACTUARIAL RESULTS

	Measurement Date: June 30, 2019 Discount Rate: 6.00%
Total OPEB Liability (TOL) <i>Actuarial Accrued Liability (AAL)</i>	\$2,478,646
Fiduciary Net Position <i>Actuarial Value of Assets</i>	\$2,212,237
Net OPEB Liability (NOL) <i>Unfunded Actuarial Accrued Liability (UAAL)</i>	\$266,409
Funded Ratio (%)	89.25%
Actuarially Determined Contribution (ADC) <i>Annual Required Contribution (ARC)</i>	\$49,847
Annual Benefit Payments (Pay-as-you-Go)	\$71,021

Rule of thumb: For every one percent increase in the discount rate, the unfunded liability is lowered by 10-12%.

SUMMARY OF AGENCY'S PENSION PLAN

Plan Type:	IRC Section 115 Irrevocable Exclusive Benefit Trust
Trustee Approach:	Discretionary
Plan Effective Date:	February 21, 2018
Plan Administrator:	General Manager
Current Investment Strategy:	Moderate Highmark PLUS (Active) Strategy; Pooled Account

AS OF JULY 31, 2020:

Initial Contribution:	July 2018: \$207,000
Additional Contributions:	\$207,000
Total Contributions:	\$414,000
Disbursements:	\$0
Net Investment Earnings:	\$38,532
Account Balance:	\$452,532

SUMMARY OF AGENCY'S PENSION PLAN

CONTRIBUTIONS, DISBURSEMENTS, AND TOTAL ASSETS AS OF JULY 31, 2020:



Month	Contributions	Disbursements	Total Assets
Jul-18	\$207,000	\$0	\$207,000
Aug-18	\$0	\$0	\$209,690
Sep-18	\$0	\$0	\$209,377
Oct-18	\$0	\$0	\$200,668
Nov-18	\$0	\$0	\$202,972
Dec-18	\$0	\$0	\$194,946
Jan-19	\$0	\$0	\$205,226
Feb-19	\$0	\$0	\$208,528
Mar-19	\$0	\$0	\$210,869
Apr-19	\$0	\$0	\$214,964
May-19	\$0	\$0	\$209,480
Jun-19	\$0	\$0	\$217,414
Jul-19	\$0	\$0	\$218,490
Aug-19	\$207,000	\$0	\$424,494
Sep-19	\$0	\$0	\$427,534
Oct-19	\$0	\$0	\$432,332
Nov-19	\$0	\$0	\$439,347
Dec-19	\$0	\$0	\$446,367
Jan-20	\$0	\$0	\$447,607
Feb-20	\$0	\$0	\$432,645
Mar-20	\$0	\$0	\$389,276
Apr-20	\$0	\$0	\$415,810
May-20	\$0	\$0	\$429,614
Jun-20	\$0	\$0	\$438,435
Jul-20	\$0	\$0	\$452,532



PENSION FUNDING STATUS

As of June 30, 2018, Municipal Water District of Orange County's CalPERS pension plan is funded as follows*:

Combined Miscellaneous & Safety Groups	Valuation as of June 30, 2017	Valuation as of June 30, 2018	Change
Actuarial Liability	\$11.2 M	\$13.0 M	16.07% ↑
Assets	\$9.0 M	\$10.3 M	14.44% ↑
Unfunded Liability	\$2.2 M	\$2.7 M	22.73% ↑
Funded Ratio	80.6%	79.5%	1.36% ↓
Employer Contribution Amount	\$383 K (FY 18-19)	\$475 K (FY 19-20)	24.02% ↑
Employer Contribution Amount (FY 25-26)	---	\$686 K (44.4% ↑)	---

* Data through 2025-26 from Agency's latest CalPERS actuarial valuation.

Municipal Water District of Orange County

September 2020

Presented by
Keith Stribling, CFA



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DISCUSSION HIGHLIGHTS- Municipal Water District of Orange County

Investment objective – Moderate HM Plus

Asset Allocation: PARS/Moderate HM Plus (As of 7-31-20)

- Allocation Target – 49.75 stocks (40-60% range), 47% bonds (40-60% range), 3.25% cash (0-20% range)
- Large cap 31.03%, Mid-cap 3.40%, Small cap 4.64%, International 6.03%, REIT .94%

Performance: Municipal Water District of Orange County OPEB Plan (as of 7-31-20) gross of investment management fees, net of fund fees

- 3 months: 9.06%
- 7 months (YTD): 2.12%
- 1 year: 6.86%
- 3 Years: 6.49%
- 5 Years: 6.19%
- 11-1-2011 (ITD): 7.33%

Asset Allocation:

- Took de-risking steps
 - Lowered equity allocation
 - Lowered REIT allocation
 - Lowered small cap allocation



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DISCUSSION HIGHLIGHTS – Municipal Water District of Orange County

Economic Review

- Coronavirus and it's impact on the global growth
- Unprecedented spike in unemployment claims as economies shut down
- Fed steps up big – creating a “bridge loan” to the capital markets
- Congress acts swiftly to get cash to businesses and consumers impacted
- Uncertain recovery...looking for a medical solution to temper virus symptoms
- Trying to find a path forward to re-open the economy



As of: July 31, 2020

Account Name: PARS/PRHCP HIGHMARK PLUS MODERATE
Account ID: xxxxxx9205



Performance Report

	3 Months	Year to Date (7 Months)	1 Year	3 Years	5 Years	Inception to Date 11/01/2011
Cash Equivalents	.02	.35	1.09	1.50	1.03	.60
Lipper Money Market Funds Index	.04	.40	1.11	1.45	.96	.55
Total Fixed Income	4.65	5.53	7.63	4.78	4.01	3.72
BBG Barclays US Aggregate Bd Index (USD)	2.61	7.72	10.12	5.69	4.47	3.65
Total Equities	14.29	-1.17	6.35	8.28	8.42	11.16
Large Cap Funds	13.94	3.86	12.72	11.95	10.89	13.72
S&P 500 Composite Index	12.87	2.38	11.96	12.01	11.49	13.94
Mid Cap Funds	15.38	-3.29	2.61	7.63	7.62	10.30
Russell Midcap Index	15.36	-3.79	2.04	7.30	7.83	11.89
Small Cap Funds	14.70	-11.00	-7.50	5.71	7.41	12.14
Russell 2000 Index (USD)	13.32	-10.57	-4.59	2.69	5.10	9.75
International Equities	15.32	-4.82	3.90	2.09	4.01	4.70
MSCI EAFE Index (Net)	10.42	-9.28	-1.67	.63	2.10	5.08
MSCI EM Free Index (Net USD)	17.84	-1.72	6.55	2.84	6.15	3.41
REIT Funds	7.95	-13.60	-7.85	1.86		
Wilshire REIT Index	6.42	-14.17	-9.88	1.30	3.68	7.61
Total Managed Portfolio	9.06	2.12	6.86	6.49	6.19	7.33

Returns are gross of fees not including account level advisory fees unless otherwise stated. Gross returns are presented before management and custodial fees but after all trading expenses, embedded and reflect the reinvestment of dividends and other income. Net returns are net of investment management fees in effect for the respective time period. Returns for periods over one year are annualized. The information presented has been obtained from sources believed to be accurate and reliable. Past performance is not indicative of future returns. Securities are not FDIC insured have no bank guarantee and may lose value.



ASSET ALLOCATION – Moderate HM Plus

	Ticker	Investment Vehicle	Weight
Equity			49.75%
Large Cap Core	COFYX	Columbia Contrarian Core Cl Y	5.72%
	VGIA	Vanguard Gro & Inc Admiral Shares	13.01%
Large Cap Value	DODGX	Dodge & Cox International Stock Fund	4.25%
	IVE	iShares S&P 500 Value ETF	1.71%
Large Cap Growth	HNACX	Harbor CP Appre Rtrmt Cl	3.25%
	PRUF	T. Rowe Price Growth Stock Fund	3.10%
Mid Cap Growth	IWR	iShares Russell Mid Cap ETF	3.40%
Small Cap Value	UBVFX	Undiscovered Mgrs Behavrl R6	2.31%
Small Cap Growth	RSEJX	Victory RS Small Cap Growth	2.33%
International Core	DFALX	DFA Large Cap International Port	2.63%
International Value	DODFX	Dodge & Cox International Stock Fund	1.66%
International Growth	MGRDX	MFS International Growth Fund	1.74%
Emerging Markets	HHHFX	Hartford Schrodr Mkts Eq	3.71%
REIT	VNQ	Vngrd Index Tr Reit Viper Shs	0.94%
Fixed Income			47.00%
Short-Term	VFSUX	Vanguard Short-Term Corp Adm Fund	8.61%
Intermediate-Term	PTTRX	PIMCO Total Return Instl Fund	12.76%
	PTRQX	Prudential Total Return BD	12.87%
	DBLFX	Doubleline Core Fixed Inc Cl I	12.76%
Cash			3.25%
	FGZXX	First Amern Govt Oblig Fd CL Z	3.25%
TOTAL			100.00%

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY For Period Ending July 31, 2020

LARGE CAP EQUITY FUNDS							
Fund Name	1-Month Return	3-Month Return	Year-to- Date	1-Year Return	3-Year Return	5-Year Return	10-Year Return
Columbia Contrarian Core Inst3	5.95	12.79	4.48	14.11	10.86	10.65	14.08
Vanguard Growth & Income Adm	5.64	13.41	2.14	11.19	11.52	10.99	13.78
Dodge & Cox Stock	2.55	7.87	-12.81	-5.82	3.24	6.23	11.21
iShares S&P 500 Value ETF	3.65	5.91	-12.47	-2.84	4.36	6.50	10.34
Harbor Capital Appreciation Retirement	8.16	26.26	28.12	40.20	23.27	17.54	18.07
T. Rowe Price Growth Stock I	6.81	19.35	16.50	24.58	17.83	15.21	17.09
S&P 500 TR USD	5.64	12.87	2.38	11.96	12.01	11.49	13.84
MID CAP EQUITY FUNDS							
iShares Russell Mid-Cap ETF	5.87	15.33	-3.85	1.92	7.17	7.67	12.04
SMALL CAP EQUITY FUNDS							
Undiscovered Managers Behavioral Val R6	2.02	8.05	-26.87	-23.08	-5.90	0.53	8.74
Victory RS Small Cap Growth R6	2.56	20.34	5.69	8.61	15.41	10.05	15.33
Russell 2000 TR USD	2.77	13.32	-10.57	-4.59	2.69	5.10	10.07
REAL ESTATE FUNDS							
Vanguard Real Estate ETF	3.58	7.94	-10.84	-5.16	2.98	4.94	9.07
INTERNATIONAL EQUITY FUNDS							
Fund Name	1-Month Return	3-Month Return	Year-to- Date	1-Year Return	3-Year Return	5-Year Return	10-Year Return
Dodge & Cox International Stock	1.49	10.74	-17.22	-7.38	-4.74	-0.60	3.91
DFA Large Cap International I	2.17	11.31	-9.46	-1.14	0.46	2.31	4.80
MFS International Growth R6	5.78	14.71	0.70	10.63	8.44	8.25	7.98
MSCI EAFE NR USD	2.33	10.42	-9.28	-1.67	0.63	2.10	5.02
Hartford Schroders Emerging Mkts Eq F	9.47	20.93	0.36	9.36	4.86	7.91	4.36
MSCI EM NR USD	8.94	17.84	-1.72	6.55	2.84	6.15	3.33
BOND FUNDS							
DoubleLine Core Fixed Income I	1.79	5.13	3.76	5.43	4.19	3.83	4.99
PGIM Total Return Bond R6	2.50	6.39	6.34	9.18	6.15	5.42	5.39
PIMCO Total Return Instl	1.50	3.54	7.75	9.97	5.53	4.47	4.22
Vanguard Short-Term Investment-Grade Adm	0.75	3.15	4.04	5.58	3.65	3.14	2.75
BBgBarc US Agg Bond TR USD	1.49	2.61	7.72	10.12	5.69	4.47	3.87

Source: SEI Investments, Morningstar Investments

Returns less than one year are not annualized. Past performance is no indication of future results. The information presented has been obtained from sources believed to be accurate and reliable. Securities are not FDIC insured, have no bank guarantee and may lose value.

ACTIVE PORTFOLIO RETURNS

Strategy	Equity (%)	1 Year	3 Years	5 Years	10 Years
Capital Appreciation	65-85%	2.66%	6.26%	6.42%	9.06%
Balanced	50-70%	3.51%	6.07%	6.01%	8.24%
Moderate	40-60%	3.96%	5.77%	5.67%	7.48%
Moderately Conservative	20-40%	4.87%	5.22%	4.90%	5.97%
Conservative	5-20%	5.78%	4.93%	4.41%	4.75%

* Past performance does not guarantee future results



PARS DIVERSIFIED PORTFOLIOS CONSERVATIVE

Q2 2020

WHY THE PARS DIVERSIFIED CONSERVATIVE PORTFOLIO?

Comprehensive Investment Solution
HighMark® Capital Management, Inc.'s (HighMark) diversified investment portfolios are designed to balance return expectations with risk tolerance. Key features include: sophisticated asset allocation and optimization techniques, four layers of diversification (asset class, style, manager, and security), access to rigorously screened, top tier money managers, flexible investment options, and experienced investment management.

Rigorous Manager Due Diligence

Our manager review committee utilizes a rigorous screening process that searches for investment managers and styles that have not only produced above-average returns within acceptable risk parameters, but have the resources and commitment to continue to deliver these results. We have set high standards for our investment managers and funds. This is a highly specialized, time consuming approach dedicated to one goal: competitive and consistent performance.

Flexible Investment Options

In order to meet the unique needs of our clients, we offer access to flexible implementation strategies: HighMark Plus utilizes actively managed mutual funds while Index Plus utilizes index-based securities, including exchange-traded funds. Both investment options leverage HighMark's active asset allocation approach.

Risk Management

The portfolio is constructed to control risk through four layers of diversification – asset classes (cash, fixed income, equity), investment styles (large cap, small cap, international, value, growth), managers and securities. Disciplined mutual fund selection and monitoring process helps to drive return potential while reducing portfolio risk.

INVESTMENT OBJECTIVE

To provide a consistent level of inflation-protected income over the long-term. The major portion of the assets will be fixed income related. Equity securities are utilized to provide inflation protection.



ASSET ALLOCATION — CONSERVATIVE PORTFOLIO

	Strategic Range	Policy	Tactical
Equity	5 – 20%	15%	15%
Fixed Income	60 – 95%	80%	81%
Cash	0 – 20%	5%	4%

ANNUALIZED TOTAL RETURNS (Gross of Investment Management Fees, but Net of Embedded Fund Fees)

HighMark Plus Composite (Active)		Index Plus Composite (Passive)	
Current Quarter*	7.21%	Current Quarter*	5.60%
Blended Benchmark**, **	4.99%	Blended Benchmark**, **	4.99%
Year To Date*	2.61%	Year To Date*	3.74%
Blended Benchmark**, **	2.98%	Blended Benchmark**, **	2.98%
1 Year	5.78%	1 Year	7.00%
Blended Benchmark**	6.19%	Blended Benchmark**	6.19%
3 Year	4.93%	3 Year	5.05%
Blended Benchmark**	4.87%	Blended Benchmark**	4.87%
5 Year	4.41%	5 Year	4.32%
Blended Benchmark**	4.22%	Blended Benchmark**	4.22%
10 Year	4.75%	10 Year	4.49%
Blended Benchmark**	4.26%	Blended Benchmark**	4.26%

* Returns less than one year are not annualized. ** Breakdown for Blended Benchmark: From 10/1/2012 - Present: 7.5% S&P500, 4.5% Russell Mid Cap, 2.5% Russell 2000, 1% MSCI EM (net), 2% MSCI EAFE (net), 32.25% BBG Barclays US Agg, 25.75% ICE BofA 1-3 Yr US Corp Govt, 2% ICE BofA US High Yield Master II, 0.5% Wisdom REIT, and 5% FTSE 100. From 4/1/2007 - 9/30/2012: the blended benchmark was 12% S&P 500, 1% Russell 2000, 2% MSCI EAFE (net), 40% ICE BofA 1-3 Year Corp Govt, 40% BBG Barclays US Agg, 5% FTSE 100, 10% T-Bill. Prior to April 2007, the blended benchmark was 15% S&P 500, 40% ICE BofA 1-3 Yr Corp Govt, 40% BBG Barclays US Agg, and 5% FTSE 100 T-Bill.

ANNUAL RETURNS (Gross of Investment Management Fees, but Net of Embedded Fund Fees)

HighMark Plus Composite (Active)		Index Plus Composite (Passive)	
2008	-9.04%	2008	-5.70%
2009	15.59%	2009	10.49%
2010	8.68%	2010	7.67%
2011	2.19%	2011	3.70%
2012	8.45%	2012	6.22%
2013	3.69%	2013	3.40%
2014	3.88%	2014	4.32%
2015	0.29%	2015	0.06%
2016	4.18%	2016	3.75%
2017	6.73%	2017	5.52%
2018	-1.35%	2018	-1.09%
2019	11.05%	2019	10.37%

PORTFOLIO FACTS

HighMark Plus (Active)		Index Plus (Passive)	
Composite Inception Date	07/2004	Composite Inception Date	07/2004
No of Holdings in Portfolio	19	No of Holdings in Portfolio	12

HOLDINGS

HighMark Plus (Active)

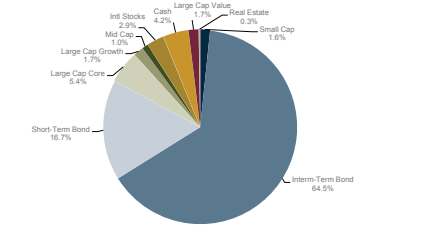
Columbia Contrarian Core I3
Vanguard Growth & Income Adm
Dodge & Cox Stock Fund
iShares S&P 500 Value ETF
Harbor Capital Appreciation - Retirement
T. Rowe Price Growth Stock - I
iShares Russell Mid-Cap ETF
Vanguard Real Estate ETF
Undiscovered Managers Behavioral Value-R6
Victory RS Small Cap Growth - R6
DFA Large Cap International Portfolio
Dodge & Cox International Stock
MFS International Growth - R6
Hartford Schroders Emerging Markets Eq
Vanguard Short-Term Invest-Grade Adm
PIMCO Total Return Fund - Inst
PGIM Total Return Bond - R6
DoubleLine Core Fixed Income - I
First American Government Obligations Z

Index Plus (Passive)

iShares Core S&P 500 ETF
iShares S&P 500 Value ETF
iShares S&P 500 Growth ETF
iShares Russell Mid-Cap ETF
Vanguard Real Estate ETF
iShares Russell 2000 Value ETF
iShares Russell 2000 Growth ETF
iShares MSCI EAFE ETF
Vanguard FTSE Emerging Markets ETF
Vanguard Short-Term Invest-Grade Adm
iShares Core U.S. Aggregate
First American Government Obligations Z

Holdings are subject to change at the discretion of the investment manager.

STYLE



The performance records shown represent size-weighted composites of tax exempt accounts that meet the following criteria: Accounts are managed by HighMark Capital Advisors (HCA) with full investment authority according to the PARS Conservative active and passive objectives.

The adviser to the PARS portfolios is US Bank, and HighMark serves as sub-adviser to US Bank to manage these portfolios. US Bank may charge clients as much as 0.00% annual management fee based on a sliding scale. US Bank pays HighMark 60% of the annual management fee for assets sub-advised by HighMark under its sub-advisory agreement with US Bank. The 0.30% paid to HighMark, as well as other expenses that may be incurred in the management of the portfolio, will reduce the portfolio's returns. Assuming an investment for five years, a 5% annual total return, and an annual sub-advisory fee rate of 0.30%, deducted from the assets at market at the end of each year, a \$10 million initial value would grow to \$12.50 million after fees (Net of Fees) and \$12.76 million before fees (Gross of Fees). Gross returns are presented before management and custodial fees but after all trading expenses and reflect the reinvestment of dividends and other income. A client's return will be reduced by the advisory fees and other expenses it may incur as a client. Additional information regarding the firm's policies and procedures for calculating and reporting performance results is available upon request. Performance results are calculated and presented in the table above on a rolling basis. Advisory fees, custody fees, or taxes but do not reflect the deduction of trading expenses. Returns are calculated based on trade-date accounting.

Blended benchmarks represent HighMark's strategic allocations between equity, fixed income, and cash and are rebalanced monthly. Benchmark returns do not reflect the deduction of advisory fees or other expenses of investing, but assumes the reinvestment of dividends and other earnings. An investor cannot invest directly in an index. The unmanaged S&P 500 Index is representative of the performance of large companies in the U.S. stock market. The MSCI EAFE Index is a free float-adjusted market capitalization index designed to measure developed market equity performance, excluding the U.S. and Canada. The MSCI Emerging Markets Index is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. The Russell Midcap Index measures the performance of the mid-cap segment of the U.S. equity universe. The Russell 2000 Index measures the performance of the small-cap segment of the U.S. equity universe. The High Yield Bond Index tracks the performance of below investment grade U.S. dollar-denominated corporate bonds publicly issued in the U.S. domestic market. The REIT Index measures U.S. publicly traded Real Estate Investment Trusts. The unmanaged Bloomberg Barclays U.S. Aggregate Bond Index is generally representative of the U.S. taxable bond market as a whole. The ICE BofA 1-3 Year U.S. Corporate & Government Index tracks the bond performance of the ICE BofA U.S. Corporate & Government Index, with a remaining term to final maturity less than 3 years. The unmanaged FTSE 1-Month Treasury Bill Index tracks the yield of the 1-month U.S. Treasury Bill.

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Senior Portfolio Manager
Investment Experience: since 1994
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Education: MBA, Arizona State University; BS, University of Washington

Asset Allocation Committee

Number of Members: 17
Average Years of Experience: 26
Average Tenure (Years): 14

Manager Review Group

Number of Members: 7
Average Years of Experience: 17
Average Tenure (Years): 8

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PARS DIVERSIFIED PORTFOLIOS MODERATELY CONSERVATIVE

Q2 2020

WHY THE PARS DIVERSIFIED MODERATELY CONSERVATIVE PORTFOLIO?

Comprehensive Investment Solution

HighMark® Capital Management, Inc.'s (HighMark) diversified investment portfolios are designed to balance return expectations with risk tolerance. Key features include: sophisticated asset allocation and optimization techniques, four layers of diversification (asset class, style, manager, and security), access to rigorously screened, top tier money managers, flexible investment options, and experienced investment management.

Rigorous Manager Due Diligence

Our manager review committee utilizes a rigorous screening process that searches for investment managers and styles that have not only produced above-average returns within acceptable risk parameters, but have the resources and commitment to continue to deliver these results. We have set high standards for our investment managers and funds. This is a highly specialized, time consuming approach dedicated to one goal: competitive and consistent performance.

Flexible Investment Options

In order to meet the unique needs of our clients, we offer access to flexible implementation strategies: HighMark Plus utilizes actively managed mutual funds while Index Plus utilizes index-based securities, including exchange-traded funds. Both investment options leverage HighMark's active asset allocation approach.

Risk Management

The portfolio is constructed to control risk through four layers of diversification – asset classes (cash, fixed income, equity), investment styles (large cap, small cap, international, value, growth), managers and securities. Disciplined mutual fund selection and monitoring process helps to drive return potential while reducing portfolio risk.

INVESTMENT OBJECTIVE

To provide current income, with capital appreciation as a secondary objective. The major portion of the assets is committed to income-producing securities. Market fluctuations should be expected.



ASSET ALLOCATION — MODERATELY CONSERVATIVE PORTFOLIO

	Strategic Range	Policy	Tactical
Equity	20 - 40%	30%	29%
Fixed Income	50 - 80%	65%	67%
Cash	0 - 20%	5%	4%

ANNUALIZED TOTAL RETURNS (Gross of Investment Management Fees, but Net of Embedded Fund Fees)

HighMark Plus Composite (Active)	Index Plus Composite (Passive)		
Current Quarter*	9.68%	Current Quarter*	7.78%
Blended Benchmark**,	7.73%	Blended Benchmark**,	7.73%
Year To Date*	0.85%	Year To Date*	1.80%
Blended Benchmark**,	1.56%	Blended Benchmark**,	1.56%
1 Year	4.87%	1 Year	6.05%
Blended Benchmark**	5.87%	Blended Benchmark**	5.87%
3 Year	5.22%	3 Year	5.41%
Blended Benchmark**	5.52%	Blended Benchmark**	5.52%
5 Year	4.90%	5 Year	4.98%
Blended Benchmark**	5.07%	Blended Benchmark**	5.07%
10 Year	5.97%	10 Year	5.80%
Blended Benchmark**	5.79%	Blended Benchmark**	5.79%

*Returns less than one year are not annualized. **Breakdown for Blended Benchmark: From 10/1/2012 - Present: 15.5% S&P500, 1% Russell Mid-Cap, 4.5% Russell 2000, 2% MSCI EAFE (net), 4% MSCI EAFE (net), 40.2% BBG Barclays US Agg, 14% ICE BofA 1-3Y US CorpGov, 1.75% ICE BofA US High Yield Master II, 1% Wilshire REIT, and 5% FTSE 1-Mth T-Bill. From 4/1/2007 - 10/1/2012, the blended benchmark was 25% S&P 500, 1.5% Russell 2000, 3.5% MSCI EAFE (net), 20% ICE BofA 1-3 Year CorpGov, 40% BBG Barclays US Agg, 5% FTSE 1-Mth T-Bill. Prior to April 2007, the blended benchmark was 30% S&P 500, 20% ICE BofA 1-3Y CorpGov, 40% BBG Barclays US Agg, and 5% FTSE 1-Mth T-Bill.

ANNUAL RETURNS (Gross of Investment Management Fees, but Net of Embedded Fund Fees)

HighMark Plus Composite (Active)		Index Plus Composite (Passive)	
2008	-15.37%	2008	-12.40%
2009	18.71%	2009	11.92%
2010	10.46%	2010	9.72%
2011	1.75%	2011	3.24%
2012	10.88%	2012	8.24%
2013	7.30%	2013	6.78%
2014	4.41%	2014	5.40%
2015	0.32%	2015	-0.18%
2016	4.94%	2016	5.42%
2017	9.56%	2017	8.08%
2018	-2.60%	2018	-2.33%
2019	13.73%	2019	13.53%

PORTFOLIO FACTS

HighMark Plus (Active)		Index Plus (Passive)	
Composite Inception Date	08/2004	Composite Inception Date	05/2005
No of Holdings in Portfolio	19	No of Holdings in Portfolio	12



HOLDINGS

HighMark Plus (Active)

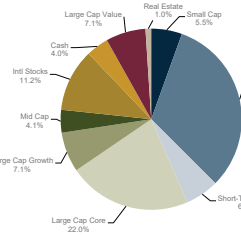
Columbia Contrarian Core I3
Vanguard Growth & Income Adm
Dodge & Cox Stock Fund
iShares S&P 500 Value ETF
Harbor Capital Appreciation - Retirement
T. Rowe Price Growth Stock - I
iShares Russell Mid-Cap ETF
Vanguard Real Estate ETF
Undiscovered Managers Behavioral Value-R6
Victory RS Small Cap Growth - R6
DFA Large Cap International Portfolio
Dodge & Cox International Stock
MFS International Growth - R6
Hartford Schroders Emerging Markets Eq
Vanguard Short-Term Invest-Grade Adm
PIMCO Total Return Fund - Inst
PGIM Total Return Bond - R6
DoubleLine Core Fixed Income - I
First American Government Obligations Z

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iShares S&P 500 Growth ETF
iShares Russell Mid-Cap ETF
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iShares MSCI EAFE ETF
Vanguard FTSE Emerging Markets ETF
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First American Government Obligations Z

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STYLE



The performance records shown represent size-weighted composites of tax exempt accounts that meet the following criteria: Accounts are managed by HighMark Capital Advisors (HCA) with full investment authority according to the PARS Balanced active and passive objectives.

The composite name has been changed from PARS Balanced/Moderately Aggressive to PARS Balanced on 5/1/2013. The adviser to the PARS portfolio is US Bank, and HighMark serves as sub-adviser to US Bank to manage these portfolios. US Bank may charge clients as much as 0.0% annual management fee based on a sliding scale. US Bank pays HighMark 60% of the annual management fee for assets sub-advised by HighMark under its sub-advisory agreement with US Bank. The 0.30% paid to HighMark, as well as other expenses that are incurred in the management of the portfolio, will reduce the portfolio's returns. Assuming an investment for five years, a 5% annual total return, and an annual sub-advisory fee rate of 0.30%, deducted from the assets at market at the end of each year, a \$10 million initial value would grow to \$12.53 million after fees (Net-of-Fees) and \$12.76 million before fees (Gross-of-Fees). Gross returns are presented before management and custody fees but after all trading expenses and reflect the reinvestment of dividends and other income. A client's return will be reduced by the advisory fees and other expenses it may incur as a client. Additional information regarding the firm's policies and procedures for calculating and reporting performance results is available upon request. Performance results are calculated and presented in U.S. dollars and do not reflect the deduction of investment advisory fees, custody fees, or taxes but do reflect the deduction of trading expenses. Returns are calculated based on trade-date accounting.

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Investment Experience: since 1994
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Asset Allocation Committee

Number of Members: 17
Average Years of Experience: 26
Average Tenure (Years): 14

Manager Review Group

Number of Members: 7
Average Years of Experience: 17
Average Tenure (Years): 8

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PARS DIVERSIFIED PORTFOLIOS CAPITAL APPRECIATION

Q2 2020

WHY THE PARS DIVERSIFIED CAPITAL APPRECIATION PORTFOLIO?

Comprehensive Investment Solution

HighMark® Capital Management, Inc.'s (HighMark) diversified investment portfolios are designed to balance return expectations with risk tolerance. Key features include: sophisticated asset allocation and optimization techniques, four layers of diversification (asset class, style, manager, and security), access to rigorously screened, top tier money managers, flexible investment options, and experienced investment management.

Rigorous Manager Due Diligence

Our manager review committee utilizes a rigorous screening process that searches for investment managers and styles that have not only produced above-average returns within acceptable risk parameters, but have the resources and commitment to continue to deliver these results. We have set high standards for our investment managers and funds. This is a highly specialized, time consuming approach dedicated to one goal: competitive and consistent performance.

Flexible Investment Options

In order to meet the unique needs of our clients, we offer access to flexible implementation strategies: HighMark Plus utilizes actively managed mutual funds while Index Plus utilizes index-based securities, including exchange-traded funds. Both investment options leverage HighMark's active asset allocation approach.

Risk Management

The portfolio is constructed to control risk through four layers of diversification – asset classes (cash, fixed income, equity), investment styles (large cap, small cap, international, value, growth), managers and securities. Disciplined mutual fund selection and monitoring process helps to drive return potential while reducing portfolio risk.

INVESTMENT OBJECTIVE

To provide growth of principal. The major portion of the assets are invested in equity securities and market fluctuations are expected.



ASSET ALLOCATION — CAPITAL APPRECIATION PORTFOLIO

	Strategic Range	Policy	Tactical
Equity	65 - 85%	75%	72%
Fixed Income	10 - 30%	20%	24%
Cash	0 - 20%	5%	4%

ANNUALIZED TOTAL RETURNS (Gross of Investment Management Fees, but Net of Embedded Fund Fees)

Consolidated Composite	
Current Quarter*	15.95%
Blended Benchmark**, **	15.76%
Year To Date*	-4.09%
Blended Benchmark**, **	-3.94%
1 Year	2.66%
Blended Benchmark**	3.18%
3 Year	6.26%
Blended Benchmark**	6.46%
5 Year	6.42%
Blended Benchmark**	6.77%
10 Year	9.06%
Blended Benchmark**	9.48%

* Returns less than one year are not annualized. **Breakdown for Blended Benchmark: 39.5% S&P500, 7.5% Russell Mid Cap, 10.5% Russell 2000, 20.0% MSCI EAFE (Intl), 8.2% MSCI EAFE (Intl), 19% BMO Barclays US Agg, 3% ICE BofA 1-3 Yr US CorpGovt, 1% ICE BofA US High Yield Master II, 2% Wisdom REIT, and 5% FTSE 1-MB Y-Bill.

(Gross of Investment Management Fees, but Net of Embedded Fund Fees)

ANNUAL RETURNS

Consolidated Composite	
2008	N/A
2009	23.77%
2010	12.95%
2011	-1.35%
2012	13.87%
2013	20.33%
2014	6.05%
2015	-0.27%
2016	8.81%
2017	16.72%
2018	-5.82%
2019	22.62%

PORTFOLIO FACTS

Consolidated Composite	
Composite Inception Date	01/2009
No of Holdings in Portfolio	19

HOLDINGS

HighMark Plus (Active)

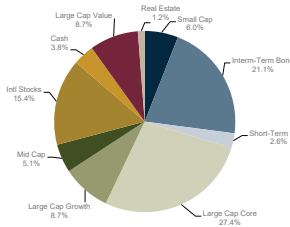
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Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
August 2020

WATER REVENUES

Date	From	Description	Amount
08/03/20	City of La Palma	June 2020 Water deliveries	3,611.48
08/07/20	City of San Clemente	June 2020 Water deliveries	728,013.20
08/10/20	El Toro Water District	June 2020 Water deliveries	503,885.22
08/10/20	Santa Margarita Water District	June 2020 Water deliveries	2,371,014.20
08/10/20	City of Seal Beach	June 2020 Water deliveries	282,421.25
08/10/20	City of Garden Grove	June 2020 Water deliveries	1,450,434.78
08/13/20	South Coast Water District	June 2020 Water deliveries	531,508.84
08/13/20	City of Orange	June 2020 Water deliveries	1,324,994.70
08/14/20	Laguna Beach County Water District	June 2020 Water deliveries	409,527.07
08/14/20	East Orange County Water District	June 2020 Water deliveries	416,189.89
08/14/20	Orange County Water District	June 2020 Water deliveries	411,669.69
08/14/20	City of San Juan Capistrano	June 2020 Water deliveries	583,750.40
08/14/20	Irvine Ranch Water District	June 2020 Water deliveries	1,685,884.74
08/14/20	Golden State Water Company	June 2020 Water deliveries	374,183.26
08/14/20	Moulton Niguel Water District	June 2020 Water deliveries	2,325,420.41
08/14/20	Yorba Linda Water District	June 2020 Water deliveries	1,904,850.02
08/24/20	City of Fountain Valley	July 2020 Water deliveries	11,923.47
08/27/20	City of Westminster	July 2020 Water deliveries	12,795.62
08/28/20	City of Huntington Beach	July 2020 Water deliveries	625,639.23
08/28/20	City of Brea	July 2020 Water deliveries	14,130.08
08/31/20	City of La Habra	July 2020 Water deliveries	51,859.37
08/31/20	City of Newport Beach	July 2020 Water deliveries	127,817.10
08/31/20	Serrano Water District	July 2020 Water deliveries	7,524.73

TOTAL WATER REVENUES **\$ 16,159,048.75**

Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
August 2020

MISCELLANEOUS REVENUES

Date	From	Description	Amount
08/06/20	Larry McKenney	2/12/2020 Water Policy dinner	90.00
08/24/20	Santa Margarita Water District	2/12/2020 Water Policy dinner	850.00
08/14/20	OCWD	5/29/2020 OC Water Summit deposit	4,500.00
08/10/20	ACWA JPIA	2020 Wellness Grant	1,258.00
08/24/20	Cathy Harris	August 2020 COBRA	901.97
08/14/20	ACWA	Refund for ACWA Spring Conference registration for Director Thomas	725.00
08/31/20	Keith Lyon	September 2020 Retiree Health insurance	253.60
08/14/20	Jeff Thomas	Computer loan down payment	179.45
08/31/20	US Bank	Monthly Interest	17.09
08/03/20	City of Newport Beach	Duplicate payment for Water Loss Control technical assistance - refunded	9,372.00
08/10/20	El Toro Water District	May 2020 Smartimer rebate program	39.99
08/17/20	Mesa Water	June 2020 Smartimer rebate program	720.00
08/24/20	Irvine Ranch Water District	June 2020 Smartimer rebate program	126.38
08/24/20	Trabuco Canyon Water District	June 2020 Smartimer rebate program	20.00
08/17/20	City of Fountain Valley	June 2020 Turf Removal rebate program	126.50
08/24/20	City of Newport Beach	June 2020 Turf Removal rebate program	126.50
08/24/20	Irvine Ranch Water District	June 2020 Spray to Drip rebate program	256.80
08/14/20	City of Tustin	June 2020 Turf Removal and Spray to Drip rebate program	632.50
08/21/20	City of Brea	June 2020 Turf Removal and Spray to Drip rebate program	253.00
08/03/20	El Toro Water District	June 2020 So Cal Watersmart rebate program	230.00
08/10/20	Moulton Niguel Water District	June 2020 So Cal Watersmart rebate program	1,600.00
08/28/20	City of San Clemente	June 2020 So Cal Watersmart rebate program	625.00
08/17/20	Department of Water Resources	Oct-Dec 2019 Strategic Turfgrass Removal and Design Assistance program	236,887.19
08/03/20	City of Newport Beach	Shared Services elections for FY 2020-21	3,140.00
08/17/20	City of Seal Beach	Water Loss Control technical assistance - Year V	30,672.00
08/24/20	City of Anaheim	Jan-Jun 2020 Water Loss Control technical assistance	220.00
08/07/20	City of Fullerton	Jan-Jun 2020 School Billing	1,967.17
08/17/20	City of Santa Ana	Jan-Jun 2020 School Billing	20,409.34
08/07/20	Orange County Water District	FY 2020-2021 Ground Water Customer Charge	595,323.00
08/03/20	City of Garden Grove	FY 20-21 Annual Retail Service Connection Charge	411,286.40
08/03/20	City of San Juan Capistrano	FY 20-21 Annual Retail Service Connection Charge	141,422.40
08/03/20	City of Seal Beach	FY 20-21 Annual Retail Service Connection Charge	65,453.00
08/03/20	El Toro Water District	FY 20-21 Annual Retail Service Connection Charge	116,851.60
08/03/20	Moulton Niguel Water District	FY 20-21 Annual Retail Service Connection Charge	642,976.60
08/03/20	Santa Margarita Water District	FY 20-21 Annual Retail Service Connection Charge	664,143.60
08/06/20	City of La Habra	FY 20-21 Annual Retail Service Connection Charge	177,583.20
08/06/20	Mesa Water	FY 20-21 Annual Retail Service Connection Charge	295,191.20
08/06/20	Yorba Linda Water District	FY 20-21 Annual Retail Service Connection Charge	308,660.00
08/07/20	City of Huntington Beach	FY 20-21 Annual Retail Service Connection Charge	672,878.80
08/07/20	East Orange County Water District	FY 20-21 Annual Retail Service Connection Charge	253,284.20
08/10/20	Laguna Beach County Water District	FY 20-21 Annual Retail Service Connection Charge	106,237.60
08/13/20	City of Orange	FY 20-21 Annual Retail Service Connection Charge	402,563.40
08/13/20	City of Westminster	FY 20-21 Annual Retail Service Connection Charge	249,819.40
08/13/20	South Coast Water District	FY 20-21 Annual Retail Service Connection Charge	149,047.40
08/14/20	City of Brea	FY 20-21 Annual Retail Service Connection Charge	167,432.80
08/14/20	City of San Clemente	FY 20-21 Annual Retail Service Connection Charge	213,731.80
08/31/20	City of Santa Ana	WEROC Funding for FY 2020-21	18,334.00

TOTAL MISCELLANEOUS REVENUES \$ 5,968,419.88

TOTAL REVENUES \$ 22,127,468.63



Robert J. Hunter, General Manager



Hilary Chumplitazi, Treasurer

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of September 2020**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
Core Expenditures:		
	ABSG Consulting Inc.	
5106624	July 2020 Owner's Representative plan check & bidding services for office remodel	7,007.50
	*** Total ***	7,007.50
	Richard C. Ackerman	
1286	August 2020 Consulting on legal and regulatory matters	3,225.00
	*** Total ***	3,225.00
	Aleshire & Wynder LLP	
58001	July 2020 Legal services	1,065.50
	*** Total ***	1,065.50
	Awards and Trophies Company	
3129	Four name plates with engraving	47.98
	*** Total ***	47.98
	Barker Leavitt PLLC	
105-0820	August 2020 Federal legislative advocacy services	8,000.00
	*** Total ***	8,000.00
	Best Best and Krieger LLP	
883723	July 2020 State legislative advocacy services	8,000.00
55401-JUL20	July 2020 Legal services	10,728.77
	*** Total ***	18,728.77
	California Newspaper Partnership	
0000488760	OC Register July 2020 Public notice for office remodel construction bids	2,286.00
	*** Total ***	2,286.00
	ECS Imaging, Inc.	
15347	10/1/20-9/30/21 Laserfiche annual support	5,063.00
	*** Total ***	5,063.00
	GovConnection, Inc.	
70266384	8/4/20-8/3/21 Additional 1TB Arcserve cloud storage subscription	875.13
	*** Total ***	875.13
	Hashtag Pinpoint Corporation	
1270	August 2020 Strategic digital communications consulting services	7,913.00
	*** Total ***	7,913.00
	Herndon Solutions Group LLC	
100012	July 2020 Services to assist with America's Water Infrastructure Act compliance	4,085.00
	*** Total ***	4,085.00
	Lawnscape Systems, Inc.	
412536	8/13/20 Landscape maintenance for atrium	495.00
	*** Total ***	495.00

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of September 2020**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<i>Lewis Consulting Group</i>	
2020-132	August 2020 Consulting services	2,937.50
	*** Total ***	2,937.50
	<i>Edward G. Means III</i>	
MWDOC-1086	August 2020 Consulting on MET issues and guidance to Engineering staff	1,500.00
	*** Total ***	1,500.00
	<i>Mega Maids Cleaning Service</i>	
11398	August 2020 Cleaning services for COVID-19 prevention	920.00
	*** Total ***	920.00
	<i>NDS</i>	
723161	7/30/20 Delivery charges for Board packets	172.01
772300	8/7/20 Delivery charges for Board packets	172.01
772949	8/13/20 Delivery charges for Board packets	280.40
	*** Total ***	624.42
	<i>New Line Fire</i>	
09022020-01	Engineering service for fire alarm system for office remodel	3,500.00
	*** Total ***	3,500.00
	<i>Office Depot, Inc.</i>	
117618605001	8/18/20 Office supplies	0.95
117618608001	8/18/20 Office supplies	12.41
	*** Total ***	13.36
	<i>Orange County Fast Print, Inc.</i>	
59029	500 Employee business cards	65.26
	*** Total ***	65.26
	<i>Orange County Water District</i>	
22001	May-June 2020 Electric, July 2020 Postage, shared office and maintenance expense	11,470.70
	*** Total ***	11,470.70
	<i>Patricia Kennedy Inc.</i>	
32693	August 2020 Plant maintenance	214.00
32714	September 2020 Plant maintenance	214.00
	*** Total ***	428.00
	<i>Joey C. Soto</i>	
MWDOC#028	August 2020 Grant research and acquisition assistance	3,250.00
	*** Total ***	3,250.00
	<i>Southern Cal. Water Coalition</i>	
1432	July 2020-June 2021 Annual membership	1,000.00
	*** Total ***	1,000.00

Municipal Water District of Orange County
Disbursement Approval Report
For the month of September 2020

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<i>Special District Risk Management Authority</i>	
69247	FY 2019-20 Annual Workers' Compensation reconciliation balance	80.19
	*** Total ***	80.19
	<i>Vasquez and Company LLP</i>	
2200671-IN	July 2020 Services for FY 2019-20 Financial audit	7,500.00
	*** Total ***	7,500.00
	<i>WageWorks, Inc.</i>	
INV2267470	August 2020 Cafeteria plan administration	201.48
	*** Total ***	201.48
	<i>Water Systems Optimization, Inc.</i>	
1778	July 2020 Water Loss Audit Validation Research	2,000.00
1777	July 2020 Water Loss Control program	940.00
1781	July 2020 Water Loss Control Shared Services template development	3,640.00
	*** Total ***	6,580.00
	<i>Pauline D. Wennerstrom</i>	
JUL-SEP20	July-September 2020 Retiree medical premium	382.80
	*** Total ***	382.80
	<i>Total Core Expenditures</i>	<hr/> 99,245.59

Choice Expenditures:

	<i>Inland Group</i>	
201701011	2,500 Pressure Regulating Valve program door hangers for Mesa WD	1,295.16
	*** Total ***	1,295.16
	<i>McCall's Meter Sales & Service</i>	
33002	July 2020 Meter Accuracy Testing - South Coast Water District	1,125.00
	*** Total ***	1,125.00
	<i>Orange County Water District</i>	
22001	July 2020 Postage for Water Use Efficiency rebate programs	22.45
	*** Total ***	22.45
	<i>US Bank Voyager Fleet Systems</i>	
869434993035	7/25/20-8/24/20 Fuel & wash for Water Loss Control Shared Services vehicles	374.66
	*** Total ***	374.66
	<i>Total Choice Expenditures</i>	<hr/> 2,817.27

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of September 2020**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
Other Funds Expenditures:		
	<i>Best Best and Krieger LLP</i>	
55401-JUL20	July 2020 Legal services	6,938.40
	*** Total ***	6,938.40
	<i>EcoTech Services, Inc.</i>	
1726	July 2020 Landscape Design/Maintenance program	3,425.00
1724	July 2020 Services for Pressure Regulator Valve program	1,580.00
1737	August 2020 Landscape Design/Maintenance program	4,300.00
	*** Total ***	9,305.00
	<i>Herndon Solutions Group LLC</i>	
100012	July 2020 Services to assist with America's Water Infrastructure Act compliance	122,397.47
	*** Total ***	122,397.47
	<i>Large Plumbing</i>	
25392	August 2020 Services for Pressure Regulating Valve Replacement program	9,205.00
	*** Total ***	9,205.00
	<i>County of Orange</i>	
SC12352	July-September 2020 Cost allocation for 800 MHz emergency radios	395.00
	*** Total ***	395.00
	<i>The Plant Nerd</i>	
6061	July 2020 Services for Landscape Design and Maintenance program	17,570.00
	*** Total ***	17,570.00
	<i>Water Systems Optimization, Inc.</i>	
1777	July 2020 Water Loss Control program	22,110.00
	*** Total ***	22,110.00
	<i>Total Other Funds Expenditures</i>	187,920.87
	<i>Total Expenditures</i>	289,983.73

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of August 2020**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
Core Disbursements:				
139804	8/11/20	SPECTB 0375210080120	Spectrum Business August 2020 Telephone and Internet expense ***Total ***	1,407.73 1,407.73
139805	8/11/20	VERIZO 9859353693	Verizon Wireless July 2020 4G Mobile broadband unlimited service ***Total ***	114.03 114.03
139812	8/14/20	CORTBU 7316999 7291897	Cort Business Services Corp. August 2020 Furniture lease for 5 temporary workstations July 20 Furniture lease for 2 Workstations for Water Use Efficiency office ***Total ***	561.50 294.56 856.06
139826	8/14/20	USBANK 0208/0403/7659-JUL20	U.S. Bank 6/23/20-7/22/20 Cal Card charges ***Total *** (See attached sheet for details)	7,429.67 7,429.67
ACH004890	8/14/20	FINNEG 073120	Joan Finnegan July 2020 Business expense ***Total ***	40.00 40.00
139827	8/25/20	SPECTB 0343564081020	Spectrum Business August 2020 Telephone expense for 3 analog fax lines ***Total ***	109.30 109.30
ACH004915	8/31/20	CORODA RS4618936	Corodata Records Management, Inc. July 2020 Archived document storage fees and 25 storage boxes ***Total ***	124.41 124.41
Total Core Disbursements				10,081.20
Choice Disbursements:				
139826	8/14/20	USBANK 7659-JUL20	U.S. Bank 6/23/20-7/22/20 Cal Card charges ***Total *** (See attached sheet for details)	434.17 434.17
Total Choice Disbursements				434.17

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of August 2020**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
Other Funds Disbursements:				
139805	8/11/20	VERIZO	Verizon Wireless	
		9859353693	July 2020 4G Mobile broadband unlimited service	76.02
			***Total ***	76.02
139806	8/13/20	DRIPPR	Spray to Drip Program	
		S2D3-R-SC-39061-17665B	Green Jade Ventures (San Clemente) Re-issue	2,378.00
			***Total ***	2,378.00
139807	8/13/20	TURFRP	Turf Removal Program	
		TR13-R-SC-39061-37946B	Green Jade Ventures (San Clemente) Re-issue	15,000.00
			***Total ***	15,000.00
139808	8/14/20	ATTUVEOC	AT&T	
		1812-AUG20	August 2020 U-verse internet service for WEROC N. EOC	72.41
			***Total ***	72.41
139809	8/14/20	ATTCALN	AT&T	
		000015095284	July 2020 Telephone expense for WEROC N. EOC	110.24
		000015095283	July 2020 Telephone expense for WEROC N. & S. EOC	321.38
			***Total ***	431.62
139818	8/14/20	NEWPOR	City of Newport Beach	
		080520	Refund duplicate payment for Water Loss Control Technical Assistance Year V	9,372.00
			***Total ***	9,372.00
139822	8/14/20	SCHUNK	Janine Schunk	
		073120	July 2020 Business expense	48.88
			***Total ***	48.88
139826	8/14/20	USBANK	U.S. Bank	
		7659-JUL 20	6/23/20-7/22/20 Cal Card charges	2,972.27
			***Total ***	2,972.27
			(See attached sheet for details)	
ACH004899	8/14/20	MESAWA	Mesa Water District	
		10223	June 2020 Credit for Local Resources Program	100,653.84
			***Total ***	100,653.84
		DRIPPR	Spray to Drip Program	
139828	8/25/20	S2D3-R-MESA-38741-17399	C. Steinberg	463.00
139829	8/25/20	S2D3-R-LH-39123-17576	P. Hernandez	788.00
139830	8/25/20	S2D3-R-BREA-39589-17623	M. Whitlock	387.50
139831	8/25/20	S2D3-R-IRWD-39490-17625	D. Lawrence	445.90
139832	8/25/20	S2D3-R-IRWD-39436-17650	M. Reidling	823.11
139833	8/25/20	S2D3-R-HB-39840-17689	C. D'Innocente	158.46
139834	8/25/20	S2D3-R-IRWD-39549-17624	T. Nakazawa	50.80
139835	8/25/20	S2D3-C-IRWD-39335-17542	University Community Association (Irvine)	1,276.60
			***Total ***	4,393.37

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of August 2020**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
		TURFRP	Turf Removal Program	
139836	8/25/20	TR13-R-MESA-38741-37643	C. Steinberg	4,884.00
139837	8/25/20	TR13-C-SOCO-38755-37659	The Estates at Monarch Beach (Dana Point)	12,072.00
139838	8/25/20	TR13-R-MESA-39111-37987	S. Baxter	4,874.67
139839	8/25/20	TR13-R-BREA-39291-38157	M. Whitlock	2,325.00
139841	8/25/20	TR13-R-IRWD-39390-38233	H. Jeon	3,463.37
139842	8/25/20	TR13-R-IRWD-39436-38283	M. Reidling	2,111.27
139843	8/25/20	TR13-R-IRWD-39490-38332	D. Lawrence	654.00
139844	8/25/20	TR13-R-SM-39505-38347	N. Santillan	1,281.00
139845	8/25/20	TR13-R-O-39583-38425	D. Gibson	5,382.00
139846	8/25/20	TR13-R-HB-39598-38437	L. Vircks	2,511.00
139847	8/25/20	TR13-R-IRWD-39794-38618	D. Godley	825.00
139848	8/25/20	TR13-R-HB-39840-38660	C. D'Innocente	1,470.00
139849	8/25/20	TR13-R-SM-39923-38741	V. Nicola	2,033.35
			***Total ***	43,886.66
		TURFRP	Turf Removal Program	
139850	8/26/20	TR13-R-SOCO-39337-38174B	W.Tritt (Re-issue)	852.00
			***Total ***	852.00
		SANTI1	Santiago Aqueduct Commission	
139853	8/31/20	JUN2020	June 2020 SAC Pipeline Operation Surcharge	701.36
			***Total ***	701.36
		SANTAM	Santa Margarita Water District	
ACH004921	8/31/20	JUN2020	June 2020 SCP Pipeline Operation Surcharge	31,244.58
			***Total ***	31,244.58
		METWAT	Metropolitan Water District	
WIRE-200831	8/31/20	10119	June 2020 Water deliveries	15,839,900.55
			***Total ***	15,839,900.55
			Total Other Funds Disbursements	16,051,983.56
			Total Disbursements	16,062,498.93



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

Cal Card Charges
Statement Date: July 22, 2020
Payment Date: August 14, 2020

Date	Description	Amount
<u>Public Affairs Card</u>		
6/30/2020	Jul. 2020 Storage unit rental during MWDOC remodel	\$ 146.74
7/2/2020	7/2/20-8/1/20 Zoom Video Communications monthly fee with audio licenses	174.95
7/7/2020	Annual subscription for Canva Pro online graphic design tool	119.40
7/14/2020	Public Relations Society of America and Orange County Chapter membership for S. Wilson	335.00
7/16/2020	Apple iPad Mini for Chalk the Walk contest winner	434.29
7/17/2020	Keys for storage unit	32.22
	Total	<u>\$ 1,242.60</u>

Cal Card Charges
Statement Date: July 22, 2020
Payment Date: August 14, 2020

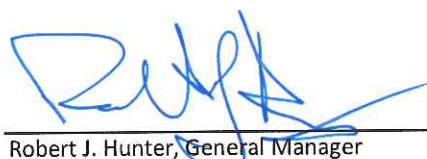
Date	Description	Amount
<u>K. Seckel Card</u>		
6/24/2020	5/24/20-6/23/20 Web hosting service for MWDOC website	\$ 15.65
6/29/2020	WEROC EOC Satellite phones annual service fee	2,088.22
6/30/2020	Association of California Water Agencies 2020 Summer Virtual Conference from Jul. 29-30, 2020 - Registration for Director Thomas	350.00
6/30/2020	Association of California Water Agencies 2020 Summer Virtual Conference from Jul. 29-30, 2020 - Registration for Director McVicker	350.00
6/30/2020	Association of California Water Agencies 2020 Summer Virtual Conference from Jul. 29-30, 2020 - Registration for H. Baez	350.00
6/30/2020	Association of California Water Agencies 2020 Summer Virtual Conference from Jul. 29-30, 2020 - Registration for K. Seckel	350.00
6/29/2020	Hand sanitizing cream for member agencies for COVID-19 prevention	546.92
7/2/2020	The Orange County Register online subscription annual renewal	119.97
7/2/2020	Signs and vehicle magnets for Water Loss Control Shared Services	434.17
7/3/2020	PreworSCREEN online subscription initial signup for COVID-19 prevention	147.63
7/4/2020	SmartDraw annual maintenance plan for diagramming software	349.75
7/9/2020	American Water Works Association California-Nevada Section Water Audity Validator Certificate training in Rancho Cucamonga, CA from Jul. 21-22, 2020 - Registration refund for R. Davis	(2,000.00)
7/9/2020	100 KN95 Masks for member agencies for COVID-19	337.13
7/9/2020	2 Laptops with 3 year protection plan	3,472.46
7/9/2020	Laptop with 3 year protection plan	1,094.60
7/10/2020	Orange County Water Association "A Special MWD Webinar" on Jul. 15, 2020 - Registration for Director McKenney	10.00
7/10/2020	Orange County Water Association membership for Director Tamaribuchi	70.00
7/15/2020	PreworSCREEN online subscription monthly fee for COVID-19 prevention	167.58
7/16/2020	Four additional hard drives for Data Server with two year warranty	1,087.06
7/18/2020	Laptop power adapter	33.59
7/21/2020	Dog Bite Prevention online training course - Registration for J. Thorsell	55.00
7/21/2020	Dog Bite Prevention online training course - Registration for A. Blair	55.00
Total		<u>\$ 9,484.73</u>

Cal Card Charges
Statement Date: July 22, 2020
Payment Date: August 14, 2020

<u>Date</u>	<u>Description</u>	<u>Amount</u>
<u>R. Hunter Card</u>		
6/26/2020	Printer ink for home office due to COVID-19	\$ 108.78
	Total	<u>\$ 108.78</u>

Municipal Water District of Orange County
GM Approved Disbursement Report ⁽¹⁾
For the month of August 2020

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
Core Disbursements:				
ACH004913	8/31/20	COMPUT 3584	ComputerWorks NFP Solution AccuFund Accounting Suite software & one year maintenance and support	42,226.25
			***Total ***	42,226.25
ACH004914	8/31/20	COMPUT 3585	ComputerWorks NFP Solution AccuFund Core system implementation and annual remote access plan	10,850.00
			***Total ***	10,850.00
			Total Core Disbursements	<u>53,076.25</u>
Choice Disbursements:				
			Total Choice Disbursements	<u>-</u>
Other Funds Disbursements:				
			Total Other Funds Disbursements	<u>-</u>
			Total Disbursements	<u><u>53,076.25</u></u>


 Robert J. Hunter, General Manager


 Hilary Chumbitazi, Treasurer

(1) For disbursements that did not make the cut-off of previous month's Disbursement Approval report.
 Disbursements are approved by GM for payment and need A & F Committee ratification.

Municipal Water District of Orange County
WATER USE EFFICIENCY PROJECTS
Cash Flow as of 8/31/20

	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	TOTALS
Cash - Beginning Balance	\$ (662,317.98)	\$ (714,498.92)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	
REVENUES:													
BUREC													\$ -
City of Brea		253.00											253.00
City of Buena Park													-
City of Fountain Valley													126.50
City of San Clemente	250.00	625.00											875.00
City of San Juan Capistrano													-
City of Tustin	111.00	632.50											743.50
City of Newport Beach	111.00	126.50											237.50
City of Orange	111.00												111.00
City of Westminster													-
County of Orange	124,617.14												124,617.14
Department of Water Resources		236,887.19											236,887.19
East Orange County Water District													-
El Toro Water District	290.00	269.99											559.99
East Orange County Water District													-
Golden State Water Company													-
Irvine Ranch Water District	69.99	383.18											453.17
Laguna Beach County Water District	40.00												40.00
Mesa Water District		720.00											720.00
Metropolitan Water District	221,040.00	392,146.78											613,186.78
Moulton Niguel Water District	15,351.82	1,600.00											16,951.82
Santa Margarita Water District													-
Trabuco Canyon Water District		20.00											20.00
Yorba Linda Water District													-
Miscellaneous Revenues													
Miscellaneous													-
Interest Revenue													-
Total Revenues	361,991.95	633,790.64	-	-	-	-	-	-	-	-	-	-	\$ 995,782.59
EXPENDITURES:													
Budget Based Tiered Rates, Raffaels													-
Ecotech, Ferguson	8,800.00												8,800.00
IRWD													-
GardenSoft Corp													-
Large Plumbing													-
Metropolitan Water District													-
MNWD	155,422.00												155,422.00
Mission RCD		10,935.25											10,935.25
Multi Family HET Direct	16,400.00												16,400.00
Plant Nerd	13,560.00												13,560.00
Recycled Water On Site Retrofit program													-
Spray to Drip program	7,994.30	4,393.37											12,387.67
TerraWorks Studio													-
Turf Removal													-
Trabuco Canyon WD	210,312.49	44,738.66											255,051.15
Water Systems Optimization	111.00												111.00
Miscellaneous Expenses													
Miscellaneous													-
Interest Expense	1,573.10												1,573.10
Salary & Benefit													-
Total Expenditures	414,172.89	60,067.26	-	-	-	-	-	-	-	-	-	-	\$ 474,240.17
Cash - Ending Balance	\$ (714,498.92)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	\$ (140,775.56)	



Municipal Water District of Orange County
Consolidated Summary of Cash and Investment
 July 31, 2020

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

Division I
 Vacant

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

District investments and cash balances are held in various funds designated for certain purposes as follows:

Fund	Book Value	% of Portfolio
Designated Reserves		
General Operations	\$3,830,240	22.81%
Grant & Project Cash Flow	1,500,000	8.93%
Election Expense	696,000	4.14%
Building Repair	444,186	2.65%
OPEB	297,147	1.77%
Total Designated Reserves	6,767,573	40.30%
General Fund	7,017,117	41.77%
Water Fund	2,101,681	12.52%
Conservation Fund	(714,499)	(4.25%)
WEROC Fund	1,591,212	9.48%
Trustee Activities	30,014	0.18%
Total	\$16,793,098	100.00%

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	2.31%	\$387,331	\$387,331
Short-term investment			
• LAIF	54.29%	\$9,118,398	\$9,118,398
• OCIP	29.40%	4,936,454	4,936,454
Long-term investment			
• Corporate Bond	3.88%	650,915	662,548
• Certificates of Deposit	10.12%	1,700,000	1,801,791
Total	100.00%	\$16,793,098	\$16,906,522

The average number of days to maturity/call as of July 31, 2020 equaled 117 and the average yield to maturity is 1.221%. During the month, the District's average daily balance was \$23,393,705.63. Funds were invested in Federal Agency Issues, Certificates of Deposit, Negotiable CD's, Miscellaneous Securities, the Local Agency Investment Funds (LAIF) and the Orange County Investment Pool (OCIP) during the month of July 2020.

The \$113,424 difference between the book value and the market value on July 31, 2020 represents the exchange difference if all investments had been liquidated on that date. Since it is the District's practice to "buy and hold" investments until maturity, the market values are a point of reference, not an indication of actual loss or gain. There are no current plans or cash flow requirements identified in the near future that would require the sale of these securities prior to maturity.

Robert J. Hunter
 General Manager

Hilary Chumpitazi
 Treasurer



MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Portfolio Management - Portfolio Summary

July 31, 2020

7/31/2020	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Negotiable Certificate Of Deposit	1,700,000.00	1,801,791.00	1,700,000.00	10.36	936	2.566
Corporate Bond	650,000.00	662,547.50	650,914.33	3.96	484	2.397
Local Agency Investment Funds	9,118,397.67	9,118,397.67	9,118,397.67	55.59	1	0.918
Orange County Investment Pool	4,936,454.28	4,936,454.28	4,936,454.28	30.09	1	1.164
Total Investments	16,404,851.95	16,519,190.45	16,405,766.28	100.00	117	1.221
Cash						
Cash	387,331.28	387,331.28	387,331.28		1	0.00
Total Cash and Investments	16,792,183.23	16,906,521.73	16,793,097.56		117	1.221

Total Earnings	Month Ending July	Fiscal Year to Date
Current Year	22,523.61	22,523.61
Average Daily Balance	23,393,705.63	
Effective Rate of Return	1.221%	

We certify that this report reflects the cash and investments of the Municipal Water District of Orange County and is in conformity with the Government Code requirements and the District Investment Policy and Guidelines in effect at the time of investment. The Investment Program herein shown provides sufficient cash flow liquidity to meet the next six month's estimated expenditure. The source for the market values are from Union Bank. Per Resolution 2059 there are no compliance exceptions to report.


Robert J. Hunter, General Manager

Date

9-3-2020


Hilary Chumpitazi, Treasurer

Date

9/03/2020

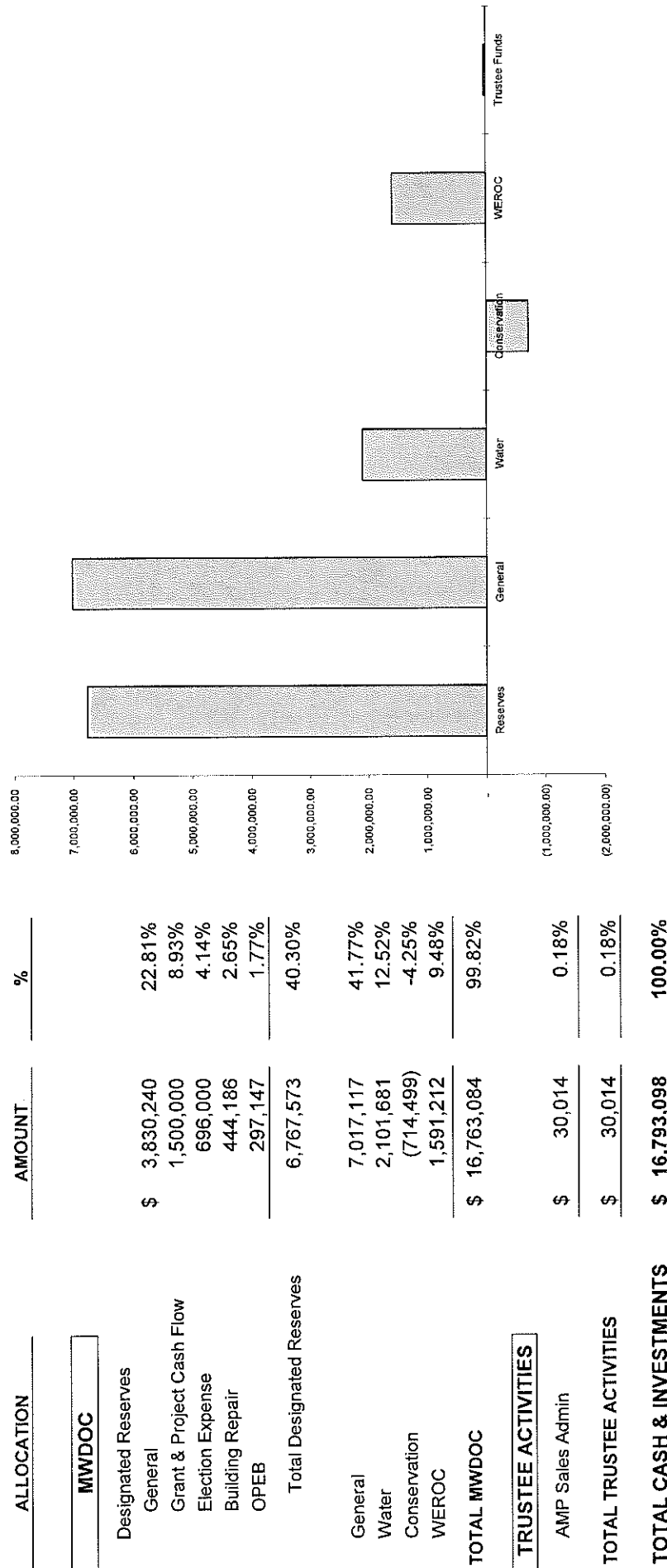
July 31, 2020

Issuer	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Barclays Bank DE 2.25 9/27/2022									
Barclays Bank	06740KKY2	9/27/2017	250,000.00	261,147.50	250,000.00	2.250	2.250	788	9/27/2022
Capital One Bank	14042TBQ9	8/7/2019	250,000.00	269,055.00	250,000.00	2.250	2.250	1,468	8/7/2024
Capital One NA	14042RMJ7	7/24/2019	250,000.00	268,495.00	250,000.00	2.200	2.200	1,454	7/24/2024
Comenity Capital	20033AUX2	7/25/2017	200,000.00	203,596.00	200,000.00	2.000	2.000	350	7/16/2021
Discover Bank	254673RV0	7/25/2018	250,000.00	272,960.00	250,000.00	3.300	3.300	1,089	7/25/2023
Goldman Sachs Bank	38148PT98	8/8/2018	250,000.00	273,522.50	250,000.00	3.350	3.350	1,103	8/8/2023
Morgan Stanley Bank	61747MJ36	2/1/2018	250,000.00	253,015.00	250,000.00	2.500	2.500	185	2/1/2021
Sub Total			1,700,000.00	1,801,791.00	1,700,000.00	2.566	2.566	936	
Corporate Bond									
National Rural Util Coop	63743FE51	7/27/2017	200,000.00	202,398.00	200,000.00	2.500	2.500	714	7/15/2022
Wells Fargo	94974BGR5	1/13/2016	250,000.00	251,917.50	250,116.21	2.550	2.409	129	12/7/2020
Westpac Banking Corp	961214DQ3	7/25/2017	200,000.00	208,232.00	200,798.12	2.500	2.278	697	6/28/2022
Sub Total			650,000.00	662,547.50	650,914.33	2.519	2.397	484	
Total Investments			2,350,000.00	2,464,338.50	2,350,914.33	2.553	2.519	811	
Total Earnings			Month Ending July		Fiscal Year To Date				
Current Year			5,518.96		5,518.96				

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Short-Term Portfolio Details - Cash and Investments
July 31, 2020

Investments	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Local Agency Investment Funds									
LAIF LGIP	LAIF	6/30/2010	9,118,397.67	9,118,397.67	9,118,397.67	0.918	0.918	1	N/A
Sub Total			9,118,397.67	9,118,397.67	9,118,397.67	0.918	0.918	1	
Orange County Investment Pool									
County of Orange LGIP	OCIP	6/29/2005	4,936,454.28	4,936,454.28	4,936,454.28	1.164	1.164	1	N/A
Sub Total			4,936,454.28	4,936,454.28	4,936,454.28	1.164	1.164	1	
Total Investments			14,054,851.95	14,054,851.95	14,054,851.95	1.004	1.004		
Cash									
Petty Cash Cash	CASH	7/1/2010	500.00	500.00	500.00	0.000	0.000	1	N/A
US Bank Cash	CASHUSBANK	7/25/2018	386,831.28	386,831.28	386,831.28	0.000	0.000	1	N/A
Total Cash			387,331.28	387,331.28	387,331.28	0.000	0.000	1	
Total Cash and Investments			14,442,183.23	14,442,183.23	14,442,183.23	1.004	1.004	1	
Total Earnings									
Current Year			17,004.65		17,004.65				

**Municipal Water District of Orange County
Cash and Investments at July 31, 2020**



MUNICIPAL WATER DIST OF ORANGE COUNTY
PARS Post-Employment Benefits Trust**Account Report for the Period**
7/1/2020 to 7/31/2020Rob Hunter
General Manager
Municipal Water Dist of Orange County
18700 Ward Street
Fountain Valley, CA 92708**Account Summary**

Source	Balance as of 7/1/2020	Contributions	Earnings	Expenses	Distributions	Transfers	Balance as of 7/31/2020
OPEB	\$2,286,082.70	\$0.00	\$74,598.40	\$1,097.73	\$0.00	\$0.00	\$2,359,583.37
PENSION	\$438,435.22	\$0.00	\$14,306.82	\$210.52	\$0.00	\$0.00	\$452,531.52
Totals	\$2,724,517.92	\$0.00	\$88,905.22	\$1,308.25	\$0.00	\$0.00	\$2,812,114.89

Investment Selection

Source	
OPEB	Moderate HighMark PLUS
PENSION	Moderate HighMark PLUS

Investment Objective

Source	
OPEB	The dual goals of the Moderate Strategy are growth of principal and income. It is expected that dividend and interest income will comprise a significant portion of total return, although growth through capital appreciation is equally important. The portfolio will be allocated between equity and fixed income investments.
PENSION	The dual goals of the Moderate Strategy are growth of principal and income. It is expected that dividend and interest income will comprise a significant portion of total return, although growth through capital appreciation is equally important. The portfolio will be allocated between equity and fixed income investments.

Investment Return

Source	1-Month	3-Months	1-Year	Annualized Return			Plan's Inception Date
				3-Years	5-Years	10-Years	
OPEB	3.26%	8.98%	6.73%	6.34%	6.10%	-	10/26/2011
PENSION	3.26%	8.98%	6.80%	-	-	-	7/31/2018

Information as provided by US Bank, Trustee for PARS; Not FDIC Insured; No Bank Guarantee; May Lose Value

Past performance does not guarantee future results. Performance returns may not reflect the deduction of applicable fees, which could reduce returns. Information is deemed reliable but may be subject to change.

Investment Return: Annualized rate of return is the return on an investment over a period other than one year multiplied or divided to give a comparable one-year return.

Account balances are inclusive of Trust Administration, Trustee and Investment Management fees

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
COMBINED FINANCIAL STATEMENTS
AND
BUDGET COMPARATIVE
JULY 1, 2020 THRU JULY 31, 2020

**Municipal Water District of Orange County
Combined Balance Sheet
As of July 31, 2020**

<u>ASSETS</u>	Amount
Cash in Bank	387,331.26
Investments	16,405,766.28
Accounts Receivable	37,766,573.69
Accounts Receivable - Other	209,440.69
Accrued Interest Receivable	46,233.93
Prepays/Deposits	404,657.25
Leasehold Improvements	4,284,127.08
Furniture, Fixtures & Equipment	649,773.62
Less: Accum Depreciation	<u>(3,308,587.05)</u>
TOTAL ASSETS	<u>\$56,845,316.75</u>
 <u>LIABILITIES AND FUND BALANCES</u>	
Liabilities	
Accounts Payable	31,976,517.47
Accounts Payable - Other	93.77
Accrued Salaries and Benefits Payable	450,771.71
Other Liabilities	2,194,625.95
Unearned Revenue	<u>799,950.80</u>
Total Liabilities	<u>35,421,959.70</u>
 Fund Balances	
Restricted Fund Balances	
Water Fund - T2C	<u>1,007,231.76</u>
Total Restricted Fund Balances	<u>1,007,231.76</u>
Designated Reserves	
General Operations	3,830,240.00
Grant & Project Cash Flow	1,500,000.00
Election Expense	696,000.00
Building Repair	444,186.00
OPEB	<u>297,147.00</u>
Total Designated Reserves	<u>6,767,573.00</u>
General Fund	4,745,557.47
General Fund Capital	682,542.68
WEROC Capital	115,298.58
WEROC	<u>284,002.59</u>
Total Unrestricted Fund Balances	<u>12,594,974.32</u>
Excess Revenue over Expenditures	
Operating Fund	7,679,701.17
Other Funds	<u>141,449.80</u>
Total Fund Balance	<u>21,423,357.05</u>
TOTAL LIABILITIES AND FUND BALANCES	<u>56,845,316.75</u>

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
From July thru July 2020

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>REVENUES</u>						
Retail Connection Charge	7,837,792.40	7,837,792.40	7,837,792.00	100.00%	0.00	(0.40)
Ground Water Customer Charge	<u>595,323.00</u>	<u>595,323.00</u>	<u>595,323.00</u>	<u>100.00%</u>	<u>0.00</u>	<u>0.00</u>
Water rate revenues	8,433,115.40	8,433,115.40	8,433,115.00	100.00%	0.00	(0.40)
Interest Revenue	<u>22,145.14</u>	<u>22,145.14</u>	<u>458,000.00</u>	<u>4.84%</u>	<u>0.00</u>	<u>435,854.86</u>
Subtotal	8,455,260.54	8,455,260.54	8,891,115.00	95.10%	0.00	435,854.46
Choice Programs	0.00	0.00	1,574,100.00	0.00%	0.00	1,574,100.00
Miscellaneous Income	35.36	35.36	3,000.00	1.18%	0.00	2,964.64
Transfer-In From Reserve	<u>0.00</u>	<u>0.00</u>	<u>97,733.00</u>	<u>0.00%</u>	<u>0.00</u>	<u>97,733.00</u>
Subtotal	<u>35.36</u>	<u>35.36</u>	<u>1,674,833.00</u>	<u>0.00%</u>	<u>0.00</u>	<u>1,674,797.64</u>
TOTAL REVENUES	<u>8,455,295.90</u>	<u>8,455,295.90</u>	<u>10,565,948.00</u>	<u>80.02%</u>	<u>0.00</u>	<u>2,110,652.10</u>

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
From July thru July 2020

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>EXPENSES</u>						
Salaries & Wages	372,821.43	372,821.43	4,151,602.00	8.98%	0.00	3,778,780.57
Director's Compensation	19,318.37	19,318.37	258,909.00	7.46%	0.00	239,590.63
MWD Representation	9,495.47	9,495.47	157,070.00	6.05%	0.00	147,574.53
Employee Benefits	121,301.44	121,301.44	1,335,116.00	9.09%	0.00	1,213,814.56
CalPers Unfunded Liability Contribution	0.00	0.00	207,000.00	0.00%	0.00	207,000.00
Director's Benefits	9,370.41	9,370.41	101,971.00	9.19%	0.00	92,600.59
Health Insurance for Retirees	4,238.54	4,238.54	87,449.00	4.85%	0.00	83,210.46
Training Expense	(1,890.00)	(1,890.00)	64,500.00	-2.93%	8,895.60	57,494.40
Tuition Reimbursement	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Temporary Help Expense	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Personnel Expenses	534,655.66	534,655.66	6,373,617.00	8.39%	8,895.60	5,830,065.74
Engineering Expense	9,907.50	9,907.50	340,000.00	2.91%	301,970.12	28,122.38
Legal Expense	1,065.50	1,065.50	210,500.00	0.51%	209,434.50	0.00
Audit Expense	7,500.00	7,500.00	29,725.00	25.23%	22,225.00	0.00
Professional Services	45,512.78	45,512.78	1,525,503.00	2.98%	568,699.50	911,290.72
Professional Fees	63,985.78	63,985.78	2,105,728.00	3.04%	1,102,329.12	939,413.10
Conference-Staff	700.00	700.00	26,515.00	2.64%	0.00	25,815.00
Conference-Directors	710.00	710.00	18,695.00	3.80%	0.00	17,985.00
Travel & Accom.-Staff	0.00	0.00	62,495.00	0.00%	0.00	62,495.00
Travel & Accom.-Directors	0.00	0.00	24,900.00	0.00%	0.00	24,900.00
Travel & Conference	1,410.00	1,410.00	132,605.00	1.06%	0.00	131,195.00
Membership/Sponsorship	42,411.64	42,411.64	127,161.00	33.35%	0.00	84,749.36
CDR Support	0.00	0.00	53,158.00	0.00%	53,100.32	57.68
Dues & Memberships	42,411.64	42,411.64	180,319.00	23.52%	53,100.32	84,807.04
Business Expense	0.00	0.00	4,500.00	0.00%	0.00	4,500.00
Maintenance Office	2,434.00	2,434.00	125,420.00	1.94%	122,631.00	355.00
Building Repair & Maintenance	2,797.54	2,797.54	15,000.00	18.65%	12,000.00	202.46
Storage Rental & Equipment Lease	54.80	54.80	1,750.00	3.13%	695.20	1,000.00
Office Supplies	688.31	688.31	39,000.00	1.76%	3,200.00	35,111.69
Supplies - Water Loss Control	462.34	462.34	10,000.00	4.62%	0.00	9,537.66
Postage/Mail Delivery	688.04	688.04	9,300.00	7.40%	2,400.00	6,211.96
Subscriptions & Books	119.97	119.97	1,000.00	12.00%	0.00	880.03
Reproduction Expense	1,782.69	1,782.69	83,700.00	2.13%	6,000.00	75,917.31
Maintenance-Computers	33.59	33.59	8,000.00	0.42%	0.00	7,966.41
Software Purchase	5,145.93	5,145.93	57,000.00	9.03%	0.00	51,854.07
Software Support	14,155.62	14,155.62	47,640.00	29.71%	875.13	32,609.25
Computers and Equipment	6,203.12	6,203.12	33,550.00	18.49%	0.00	27,346.88
Maintenance-Expense	0.00	0.00	6,000.00	0.00%	0.00	6,000.00
Automotive Expense	0.00	0.00	20,000.00	0.00%	0.00	20,000.00
Vehicle Expense	599.65	599.65	6,350.00	9.44%	0.00	5,750.35
Toll Road Charges	0.00	0.00	2,300.00	0.00%	0.00	2,300.00
Insurance Expense	11,434.66	11,434.66	110,000.00	10.40%	0.00	98,565.34
Utilities - Telephone	3,100.94	3,100.94	30,850.00	10.05%	1,256.97	26,492.09
Bank Fees	494.01	494.01	1,200.00	41.17%	0.00	705.99
Miscellaneous Expense	848.50	848.50	113,800.00	0.75%	1,844.79	111,106.71
MWDOC's Contrb. to WEROC	20,103.00	20,103.00	241,236.00	8.33%	0.00	221,133.00
Depreciation Expense	4,485.38	4,485.38	0.00	0.00%	0.00	(4,485.38)
Other Expenses	75,632.09	75,632.09	967,596.00	7.82%	150,903.09	741,060.82
Building Expense	14,024.56	14,024.56	726,883.00	1.93%	303,199.20	409,659.24
Capital Acquisition	43,475.00	43,475.00	79,200.00	54.89%	34,560.00	1,165.00
TOTAL EXPENSES	775,594.73	775,594.73	10,565,948.00	7.34%	1,652,987.33	8,137,365.94
NET INCOME (LOSS)	7,679,701.17	7,679,701.17	0.00			

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
Water Fund
From July thru July 2020

	Month to Date	Year to Date	Annual Budget	% Used	Budget Remaining
<u>WATER REVENUES</u>					
Water Sales	13,981,509.00	13,981,509.00	208,407,327.00	6.71%	194,425,818.00
Readiness to Serve Charge	963,901.00	963,901.00	11,583,326.00	8.32%	10,619,425.00
Capacity Charge CCF	324,353.33	324,353.33	3,892,240.00	8.33%	3,567,886.67
SCP/SAC Pipeline Surcharge	33,850.73	33,850.73	315,000.00	10.75%	281,149.27
Interest	852.20	852.20	22,000.00	3.87%	21,147.80
TOTAL WATER REVENUES	15,304,466.26	15,304,466.26	224,219,893.00	6.83%	208,915,426.74
<u>WATER PURCHASES</u>					
Water Sales	13,981,509.00	13,981,509.00	208,407,327.00	6.71%	194,425,818.00
Readiness to Serve Charge	963,901.00	963,901.00	11,583,326.00	8.32%	10,619,425.00
Capacity Charge CCF	324,353.33	324,353.33	3,892,240.00	8.33%	3,567,886.67
SCP/SAC Pipeline Surcharge	33,850.73	33,850.73	315,000.00	10.75%	281,149.27
TOTAL WATER PURCHASES	15,303,614.06	15,303,614.06	224,197,893.00	6.83%	208,894,278.94
EXCESS OF REVENUE OVER EXPENDITURES	852.20	852.20	22,000.00		

Municipal Water District of Orange County
WUE Revenues and Expenditures (Actuals vs Budget)
From July thru July 2020

	Year to Date Actual	Annual Budget	% Used
Spray To Drip Conversion			
Revenues	3,594.53	38,900.00	9.24%
Expenses	8,292.58	38,900.00	21.32%
Excess of Revenues over Expenditures	(4,698.05)	0.00	
Member Agency Administered Passthru			
Revenues	0.00	175,000.00	0.00%
Expenses	0.00	175,000.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
ULFT Rebate Program			
Revenues	0.00	2,000.00	0.00%
Expenses	0.00	2,000.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
HECW Rebate Program			
Revenues	2.40	77,000.00	0.00%
Expenses	0.00	77,000.00	0.00%
Excess of Revenues over Expenditures	2.40	0.00	
CII Rebate Program			
Revenues	0.00	12,500.00	0.00%
Expenses	0.00	12,500.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
Turf Removal Program			
Revenues	148,998.74	648,000.00	22.99%
Expenses	213,858.47	648,000.00	33.00%
Excess of Revenues over Expenditures	(64,859.73)	0.00	
Comprehensive Landscape (CLWUE)			
Revenues	0.00	130,784.00	0.00%
Expenses	4,664.02	130,784.00	3.57%
Excess of Revenues over Expenditures	(4,664.02)	0.00	
Recycled Water Program			
Revenues	0.00	61,750.00	0.00%
Expenses	0.00	61,750.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
WSIP - Industrial Program			
Revenues	0.00	30,000.00	0.00%
Expenses	0.00	30,000.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
Land Design Program			
Revenues	0.00	404,000.00	0.00%
Expenses	3,425.00	404,000.00	0.85%
Excess of Revenues over Expenditures	(3,425.00)	0.00	
WUE Projects			
Revenues	152,595.67	1,579,934.00	9.66%
Expenses	230,240.07	1,579,934.00	14.57%
Excess of Revenues over Expenditures	(77,644.40)	0.00	
WEROC			
Revenues	261,339.00	482,472.00	54.17%
Expenses	42,221.57	482,472.00	8.75%
Excess of Revenues over Expenditures	219,117.43	0.00	



WFC ACTION ITEM

September 16, 2020

TO: Board of Directors, MWDOC Water Facilities Corporation

FROM: Robert Hunter, General Manager Staff Contact: Jeffrey Stalvey

SUBJECT: 2020 Annual Filing of Tax Compliance Reports for the MWDOC Water Facilities Corporation

STAFF RECOMMENDATION

Staff recommends that the Board of Directors Ratify the annual filing of the Water Facilities Corporation tax compliance reports as presented.

COMMITTEE RECOMMENDATION

Committee recommends (to be determined at committee meeting).

SUMMARY

To maintain the Water Facilities Corporation ("Corporation") as an active entity, the following tax compliance reports will be filed on behalf of the Corporation for FY 2019-20, upon review of the Administration & Finance Committee, and concurrence by the Corporation Board of Directors:

- ePostcard of Organization Exempt from Income Tax (IRS Form 990-N). This is allowed since the corporations gross receipts are less than \$50,000.
- ePostcard of California Exempt Organization Annual Information Return (CA Form 199-N). This is allowed since the corporations gross receipts are less than \$50,000.
- Annual Registration Renewal Fee Report to Attorney General of California (CA Form RRF-1)
- The Corporation Board of Directors approved filing these reports for FY 2018-19 on September 18, 2019.

Attachments

- IRS 990-N ePostcard
- CA 199-N ePostcard
- CA Form RRF-1

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



Confirmation

[Home](#) | [Security Profile](#) | [Logout](#)

Your Form 990-N(e-Postcard) has been submitted to the IRS

- **Organization Name:** MUNICIPAL WATER DISTRICT OF ORANGE COUNTY WALTER FACILITIES CORP
- **EIN:** 953500739
- **Tax Year:** 2019
- **Tax Year Start Date:** 07-01-2019
- **Tax Year End Date:** 06-30-2020
- **Submission ID:** 10065520202313967212
- **Filing Status Date:** 08-18-2020
- **Filing Status:** Pending

Note: [Print](#) a copy of this filing for your records. Once you leave this page, you will not be able to do so.

MANAGE FORM 990-N SUBMISSIONS



Session expires in 19:50

199N e-Postcard - Confirmation

Print this page for your records. The Confirmation Number below is proof that you successfully filed your e-Postcard.

We received your FTB 199N California e-Postcard on August 21, 2019 10:33 AM.

Confirmation Number:

084438623307

Entity Information

Entity ID:

0844386

Entity Name:

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY WATER FACILITIES CORPORATION

Account Period Beginning:

JULY 01, 2018

Account Period Ending:

JUNE 30, 2019

This is not your entity's first year in business.

Your entity has not terminated or gone out of business.

Your entity has not changed the account period.

Gross Receipts:

\$0

This is not an amended return.

An IRS Form 1023/1024 is not pending.

Date IRS Form 1023/1024 Filed:

N/A

FEIN:

953500739

Doing Business As:

Website Address:
MWDOC.COM

Entity's Mailing Address

PO BOX 20895
FOUNTAIN VALLEY, CA 92728

Principal Officer's Information

Name: HILARY CHUMPITAZI
PO BOX 20895
FOUNTAIN VALLEY, CA 92728

Contact Information

Name: JEFF STALVEY

Phone: 714.592.5022

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After we process your 199N e-Postcard, you may receive a bill if the three year gross receipt average is greater than the amount allowed for filing a 199N e-Postcard.

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MAIL TO:
Registry of Charitable Trusts
P.O. Box 903447
Sacramento, CA 94203-4470

STREET ADDRESS:
1300 I Street
Sacramento, CA 95814
(916) 210-6400

WEBSITE ADDRESS:
www.oag.ca.gov/charities

ANNUAL REGISTRATION RENEWAL FEE REPORT TO ATTORNEY GENERAL OF CALIFORNIA

Sections 12586 and 12587, California Government Code
11 Cal. Code Regs. sections 301-306, 309, 311, and 312

Failure to submit this report annually no later than four months and fifteen days after the end of the organization's accounting period may result in the loss of tax exemption and the assessment of a minimum tax of \$800, plus interest, and/or fines or filing penalties. Revenue & Taxation Code section 23703; Government Code section 12586.1. IRS extensions will be honored.

(For Registry Use Only)

Municipal Water District of Orange County-Water Facilities Corporation

Name of Organization

List all DBAs and names the organization uses or has used

18700 Ward Street

Address (Number and Street)

Fountain Valley, Ca 92708

City or Town, State, and ZIP Code

714.963.3058

Telephone Number

jstalvey@mwdoc.com

E-mail Address

Check if:

☐ Change of address

☐ Amended report

State Charity Registration Number 34561

Corporation or Organization No. D-0844386

Federal Employer ID No. 95-3500739

ANNUAL REGISTRATION RENEWAL FEE SCHEDULE (11 Cal. Code Regs. sections 301-307, 311, and 312) Make Check Payable to Department of Justice

Gross Annual Revenue	Fee	Gross Annual Revenue	Fee	Gross Annual Revenue	Fee
Less than \$25,000	0	Between \$100,001 and \$250,000	\$50	Between \$1,000,001 and \$10 million	\$150
Between \$25,000 and \$100,000	\$25	Between \$250,001 and \$1 million	\$75	Between \$10,000,001 and \$50 million	\$225
				Greater than \$50 million	\$300

PART A - ACTIVITIES

For your most recent full accounting period (beginning 07 / 01 / 2019 ending 06 / 30 / 2020) list:

Gross Annual Revenue \$ 0.00 Noncash Contributions \$ 0.00 Total Assets \$ 0.00
Program Expenses \$ 0.00 Total Expenses \$ 0.00

PART B - STATEMENTS REGARDING ORGANIZATION DURING THE PERIOD OF THIS REPORT

Note: All questions must be answered. If you answer "yes" to any of the questions below, you must attach a separate page providing an explanation and details for each "yes" response. Please review RRF-1 instructions for information required.

	Yes	No
1. During this reporting period, were there any contracts, loans, leases or other financial transactions between the organization and any officer, director or trustee thereof, either directly or with an entity in which any such officer, director or trustee had any financial interest?		✓
2. During this reporting period, was there any theft, embezzlement, diversion or misuse of the organization's charitable property or funds?		✓
3. During this reporting period, were any organization funds used to pay any penalty, fine or judgment?		✓
4. During this reporting period, were the services of a commercial fundraiser, fundraising counsel for charitable purposes, or commercial coventurer used?		✓
5. During this reporting period, did the organization receive any governmental funding?		✓
6. During this reporting period, did the organization hold a raffle for charitable purposes?		✓
7. Does the organization conduct a vehicle donation program?		✓
8. Did the organization conduct an independent audit and prepare audited financial statements in accordance with generally accepted accounting principles for this reporting period?		✓
9. At the end of this reporting period, did the organization hold restricted net assets, while reporting negative unrestricted net assets?		✓

I declare under penalty of perjury that I have examined this report, including accompanying documents, and to the best of my knowledge and belief, the content is true, correct and complete, and I am authorized to sign.

Signature of Authorized Agent

Jeff Stalvey
Printed Name

Deputy Treasurer
Title

8/18/2020
Date



WFC ACTION ITEM

September 16, 2020

TO: Board of Directors, MWDOC Water Facilities Corporation

FROM: Robert Hunter, General Manager Staff Contact: Jeffrey Stalvey

SUBJECT: Annual Reorganization of Board Officers for the MWDOC Water Facilities Corporation

STAFF RECOMMENDATION

Staff recommends that the Board of Directors consider reorganization of Board Officers for the MWDOC Water Facilities Corporation.

COMMITTEE RECOMMENDATION

Committee recommends (to be determined at committee meeting).

SUMMARY

In December 2010, the Board of Directors adopted the Amended and Restated By-Laws for the Water Facilities Corporation ("Corporation"). An annual reorganization of Corporation Board Officers shall be conducted in accordance with Article IV., Sections 4.02 and 4.03, as excerpted below.

Section 4.02. Appointment. The officers shall be chosen at the annual meeting each year by the Board of Directors and each shall hold their office until they shall resign, be removed, or otherwise disqualified to serve, or a successor shall be qualified and appointed.

Section 4.03. Term of Office. Unless otherwise determined at the discretion of the Board of Directors, the term of office of the President and Vice President of the Corporation shall be for one year. The term of office of the General Manager, Secretary and Treasurer of the Corporation, respectively, shall coincide with each individual's term of employment with the District.

Currently Megan Yoo Schneider serves as President and Director Sat Tamaribuchi serves as Vice President of the MWDOC Water Facilities Corporation.

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



ACTION ITEM
September 16, 2020

TO: Board of Directors

FROM: **Administration & Finance Committee**
(Directors Thomas, Finnegan, Dick)

Robert J. Hunter, General Manager

Staff Contact: Hilary Chumpitazi, Accounting Manager
Cathy Harris, Director of Human Resources &
Administration

**SUBJECT: REVISION TO ADMINISTRATIVE CODE SECTION 9500 – DISPOSAL
OF SURPLUS PERSONAL PROPERTY**

STAFF RECOMMENDATION

It is recommended that the Board of Directors review the proposed revisions to the Administrative Code as presented and approve.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

In reviewing the Administrative Code, staff identified an area that required a revision to be consistent with current business practices and an option to help net the best possible outcome for MWDOC.

Budgeted (Y/N): NA	Budgeted amount: NA	Core X	Choice _
Action item amount: NA	N		
Fiscal Impact (explain if unbudgeted): Not applicable			

**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
ADMINISTRATIVE CODE**

MWDOC PROPERTY	§9500-§9501
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§9500 DISPOSAL OF SURPLUS PERSONAL PROPERTY

The General Manager shall have the authority and responsibility for the ultimate sale or disposal of surplus personal property of MWDOC. The Accounting Manager shall be informed whenever MWDOC personal property is surplus to the needs of MWDOC. The Accounting Manager shall investigate whether the recommended surplus material or equipment can be economically used by another department within MWDOC, ~~or sold,~~ donated or disposed of by auction or sale ; whichever provides the best return to MWDOC.- The following guidelines are then applied:

- Under the direction of the Accounting Manager, staff will conduct a physical inventory of fixed assets every three years.
- In the case of items listed on MWDOC's fixed assets, submit the item(s) to the General Manager, with the Accounting Manager's recommendation, approve these assets as surplus and to sell or dispose of such items. The Administration & Finance Committee shall be informed of the intention to write off and sell or dispose of any items declared as surplus.
- ~~Both items listed on the fixed assets and those items not listed on fixed assets shall be reviewed and may be disposed of at the discretion of the General Manager and in no event shall it be distributed to an officer, Director, employee or family member. Unless it is obsolete eC~~omputer/electronic equipment that is considered surplus to MWDOC and was purchased specifically for business use for an employee or Director (i.e., iPad, laptop, PC), ~~may. This item can then~~ be sold to the employee or Director for the fair market value.
- ~~Under the direction of the Accounting Manager, staff will conduct a physical inventory of fixed assets every three years.~~
- Whenever it is advantageous or useful to MWDOC to publicly advertise surplus personal property for sale or otherwise dispose of said property, the Accounting Manager or a third party, ~~shall sell such materials~~ said property to the highest bidder at auction, either online or in person, or by an established fixed price based on value analysis of the material.
- An attempt shall be made to determine the value of items declared surplus by contacting vendors who normally take items as trade-in or buy surplus items, or by looking for similar items for sale online.
- If the Accounting Manager determines that surplus personal property shall be disposed of by sale or auction, notice of the time and place of said sale or auction shall be either published in a newspaper of general circulation, either in print or online, or posted in at least three public places at least seven, but not more than 14 days prior to the date of the sale or auction. The notice shall

identify with reasonable particularity the items to be sold and shall state that any person

may bid on said items and that all sales will be paid in cash. Items may also be sold or auctioned online thru a third party and the online auction may remain open for a period of time. Items may also be sold over a period of time from the MWDOC office. No officer or Director of MWDOC or immediate family member of an officer or Director shall be permitted to bid at auction for or purchase any surplus property of MWDOC.

- If it is determined that the sale or auction of surplus property is infeasible or will result in minimal return to the District, surplus items may be donated to any non-profit corporation or school located within MWDOC's service area or sold to MWDOC employees at fair market value.

~~No MWDOC employee or immediate family of an employee shall be permitted to bid at auction for or purchase any surplus property of MWDOC if such employee was in any way involved in the decision to originally purchase the item, the recommendation or decision to declare said item surplus, the determination of the value of items declared surplus, or the advertising or conduct of any sale or auction.~~

Motion - 9/5/90; Motion – 11/17/99; 11/21/01; M-6/17/15; M-6/19/19

§9501 DISPOSAL OF SURPLUS REAL PROPERTY

SECTION 1: IDENTIFYING SURPLUS REAL PROPERTY

- 1.1 Preliminary Requirements - The General Manager shall establish a procedure for the continuous review of real property owned by MWDOC for the purpose of determining which of such property is surplus to MWDOC's needs. Upon determination by the General Manager that property is surplus, the Board shall be notified of the determination, then a) cause the property to be appraised by one or more appraisers and b) comply with the California Environmental Quality Act and the legal requirements pertaining to the disposition of property in cities or counties which have a general plan. If, upon such compliance, any official body objects to the proposed sale, the Board shall first expressly uphold or reject the objections. There being no objections, or the objections having been completed, the General Manager may then sell the surplus property as hereinafter set forth.
- 1.2 Authority for General Manager to Sell Surplus Property - If, after offering the property for sale to certain public agencies, as required by law, at the fair market value was determined by the General Manager after review of any or all appraisals of the property, no such offer is accepted, the General Manager may sell it either by public auction or by using the services of real estate brokers or a professional auctioneer.

SECTION 2: AUCTION BY MWDOC STAFF

- 2.1 If the General Manager or a duly authorized agent elects to sell the property by public auction, such auction shall be at such time and place as may be determined by the General Manager, with or without sealed bids having been first submitted.
- 2.2 Whenever the General Manager or a duly authorized agent determines that the sale shall be at public auction without sealed bids having been first submitted, no

bid at the auction shall be considered unless the bidder shall, prior to the holding



INFORMATION ITEM

September 9, 2020

TO: Administration & Finance Committee
(Directors Thomas, Finnegan, Dick)

FROM: Robert Hunter, General Manager

Staff Contact: Hilary Chumpitazi, Accounting Manager
Jeff Stalvey, Sr. Financial Analyst/Database Analyst

SUBJECT: New Financial Software - Accufund

STAFF RECOMMENDATION

Staff recommends the Administration & Finance Committee receive and file the information, as presented.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

DETAILED REPORT

MWDOC's search for new ERP software began in July 2019. MWDOC's current software is Serenic Navigator for the Public Sector. The reason we started looking for new software was for several reasons.

- Serenic's annual maintenance fees keep rising while no real improvements to functionality have occurred in 11 years.
- The intranet portal (that is accessible to all staff for requisition, time and approval entry) is very cumbersome to use and attaching supporting documents to requisitions is very difficult.
- Payroll configuration is flexible but very difficult to do and our software support contacts are unable to figure out how to make changes sometimes. We have support tickets that have been open for months waiting for them to get it right.
- Other software products have made big advancements in streamlining data processing that Serenic's software does not offer.

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

Below is a list of software packages reviewed and the costs of each:

Company/System	Pros	Cons	Costs	
Microsoft AX On Premise	This is the first ERP solution we considered back in 2018. It was proposed to us by our current software vendor Finley & Cook. It offers all the modules we need including an enhanced HR module and employee self-service that Serenic does not have.	Does not have time clock entry. This would cause us to purchase a third party time clock solution from Timeclocks Plus. Another development came in August 2019 where Finley & Cook advised us against the software due to problems with the multi-fund accounting their customers had experienced. AX came out in 2015.	Core software costs Implementation cost Timeclock Plus Less Transition Credit Total Software Cost Annual Maint & Support 10 Year Cost	\$67,720 \$40,000 \$5,998 (\$56,640) \$57,078 \$19,353 \$250,170
Multiview Financials Cloud Based	Quality, well respected software company. Demo of their core accounting modules showed good functionality that would handle our needs.	No payroll or HR. We would have the added cost of using Paycore for our PR and HR needs. They only offer cloud based system.	Annual Cost Paycore PR & HR cost Total Annual Cost 10 Year Cost \$623,310	\$42,125 \$20,206 \$62,331 \$623,310
Blackbaud Cloud Based	Popular software solution. Core accounting modules and workflow would be a fit for us. They are also strong in their Grant module that is highly customizable.	No payroll HR. We would have the added cost of using Paycore for our PR and HR needs. They only offer cloud based system.	Three year agreement Paycore PR & HR Annual 4+ year annual cost 10 Year Cost	\$106,760 \$20,206 \$30,000 \$559,232

Central Square Cloud Based	Solid Core accounting solution and highly project oriented software. They offer PR and HR solutions as well which is difficult to find these days.	They seemed to be more city oriented rather than not-for- profit special district. They specialize in utility billing, tax collection and jails. There implementation costs were high. They only offer cloud based solution.	Implementation Cost	\$160,000
			Annual Cost	\$26,000
			10 Year Cost	\$472,000
Accufund On Premise	They offer every module that we need including PR & HR. Each module is highly customizable especially PR & HR. The modules can be configured to our exact needs and they have revealed many enhancements that will save us time. They offer an on premise solution so if we change software at a future date we can keep the system as is in its entirety without having data handed to us in a data dump. The pricing is very reasonable as well.	Accufund came out in 2005. So far we have not seen one negative item in the system.	Software Cost	\$32,625
			Implementation	\$45,410
			Total Software Cost	\$78,035
			Annual Maint & Support	\$9,601
			10 Year Cost	\$193,247

Based on the Pros and Cons along with the costs assessment, Accufund is the clear winner. The vendor we are using for Accufund is ComputerWorks NFP Solutions. They were the 2017 reseller of the year for Accufund and we are very impressed with our contact there, who will be managing the implementation of the software. He has 25 years' experience with implementations and is extremely knowledgeable. He has already presented many ideas that would improve our business processes.

We checked two similar references for Accufund and ComputerWorks. Mojave Desert Air Quality Management District and Alameda County Transportation Commission were both very positive in their responses. Details available upon request.



Administration Activities Report

August 7, 2020 – September 3, 2020

Activity	Summary
Administration/Board	<p>Staff worked on the following:</p> <ul style="list-style-type: none"> • Scheduled meetings for Rob Hunter, Karl Seckel and Board members. • Assisted Rob/Karl with various write-ups and follow-up for the Committees and Board. • Continue to send the Water Supply Reports to the member agencies. • Processed and reviewed agreements for appropriate Board approval and insurance requirements as well as execution following approval • Reviewed Insurance documents for all District Agreements. • Responded to two Public Records Act requests. • Review Admin Code for various issues for Rob Hunter and Legal Counsel • Various consultations with legal counsel regarding Brown Act, minutes, and Board issues • Prepared Board write ups and worked with President Tamaribuchi on various issues • Worked with WUE re grant resolutions • Organized and scheduled Ethics and Harassment Prevention trainings • Updated various portions of the website; including updating Zoom Board and Committee meetings, ISDOC and WACO • Formatted letters for Government Affairs, Engineering and WUE • Assisted with agreement processing • Zoom Meetings – Set-up and Hosted. • Registered Board Secretary for seminar
Records Management	<ul style="list-style-type: none"> • Review and reorganization of electronic documents in Laserfiche continues. • Began process of reviewing/scanning documents that are to be removed from offices to prepare for the office remodel.
Health Benefits	<ul style="list-style-type: none"> • Open Enrollment information is being reviewed for 2021 and an update will be provided to staff in the coming

	<p>weeks. Staff attended the JPIA Open Enrollment webinar on 9/2/2020.</p> <ul style="list-style-type: none"> • A new vendor is being considered for the administration of the flexible spending plans; Health Savings Account and COBRA. • MWDOC was awarded a Wellness Grant from JPIA to encourage Wellness and Fitness for the employees.
Recruitment/Departures	<ul style="list-style-type: none"> • Recruitment efforts are underway for the Education Program Assistant which has been posted. Applications are being accepted and reviewed.
Projects and Activities	<ul style="list-style-type: none"> • Staff continues coordination efforts in working with Engineering staff, IDS and ABS, on planning for the Office Seismic Retrofit and Tenant Improvements. • Staff is coordinating with the move management consultant on the evaluation, coordination, planning, scheduling and IT requirements during various construction phases. • Staff met with furniture vendor to evaluate office furnishings and material and design options. • Staff is seeking proposals from moving and surplus companies for upcoming remodel. • The General Manager continues to hold bi-monthly staff meetings via Zoom. • Staff is continuing to review development of Organizational Values and Culture. • Staff is coordinating closely with the Director of Emergency Management in evaluating the return to work phasing plan in accordance with state and local guidelines. Keeping in mind the safety and well-being of employees. • Staff continues to research and participate in webinars relating to COVID-19. • Staff participated in an HR module development meeting in preparation for the new Finance System. • Staff assisted Finance in the collection of data and review of information for GASB 75 Valuation. • Staff compiled and is finalizing GM salary survey. • Staff is coordinating office clean-up activities in preparation for remodel and relocation of workstations.

**INFORMATION ITEM**

September 9, 2020

TO: Administration & Finance Committee
(Directors Thomas, Finnegan, Dick)

FROM: Robert J. Hunter, General Manager

Staff Contact: Jeff Stalvey

SUBJECT: Finance and IT Pending Items Report

SUMMARY

The following list details the status of special projects that are in-progress or to be completed during FY 2020-21.

Finance

Description	% of Completion	Estimated Completion date	Status
Further Implementation of WUE Landscape Programs Databases and Web Site.	On-going	On-going	In Progress
2020 W-9 collection for water rebates. Currently holding 6 rebate checks awaiting W-9 form.	On-going	On-going	In Progress
Design, Implementation and Training of Accufund ERP software	10%	01-31-2021	In Progress
Government Compensation in California Report 2020	0%	03-30-2021	Not Started
State Controller Report preparation FY19-20	0%	11-30-2020	Not Started
State Tax filing for Water Facilities FY19-20	90%	11-30-2020	In Progress
Preparation of documents for FY21-22 budget process.	0%	04-30-2021	Not Started
GASB 75 Biennial OPEB Actuarial report	0%	08-31-2020	No Started
Year End procedures; Prepare Annual Financials and Final Audit week of 09-14-20	50%	09/18/2020	In Progress

Information Technology

Description	% of Completion	Estimated Completion date	Status
Network security issues (hackers, viruses and spam emails)	On-going	On-going	Continuous system monitoring
Purchase and upgrade Conference room 101 with Interactive board, sound system and microphones.	0%	06-30-2020	Not Started
Upgrade WUE Web Server (Software upgrade)	75%	06-30-2020	In Progress
Upgrade software for Data Server	100%	06-30-2020	Completed
Disposal of non-functional and obsolete electronic equipment	100%	03-31-2020	Completed

FY 2020-21 Completed Special Tasks

Description	% of Completion	Completion date	Status
<u>Finance</u>			
Preparation of documents for FY20-21 budget process.	100%	06-30-2020	Completed
Perform demo testing of new accounting software from Accufund	100%	07-31-2020	Completed
Prepare for our annual Interim Audit the week of July 6 th , 2020	100%	07-10-2020	Completed
<u>Information Technology</u>			
Replace network color printer and 2 Department printers	100%	06-30-2020	Completed



INFORMATION ITEM

September 9, 2020

TO: Board of Directors

FROM: Robert Hunter, General Manager

Staff Contact: Kevin Hostert

SUBJECT: WATER SUPPLY CONDITION UPDATE

STAFF RECOMMENDATION

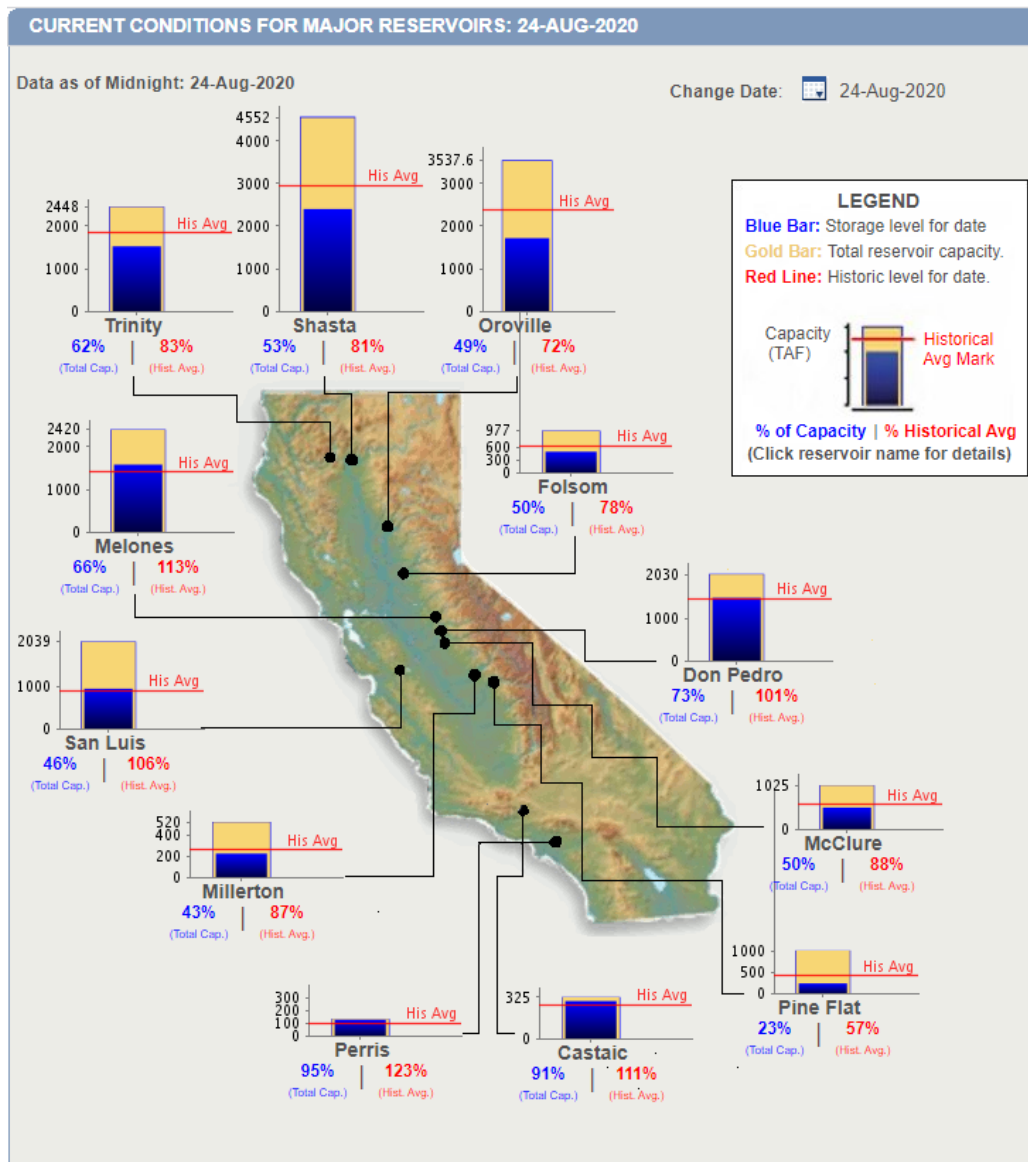
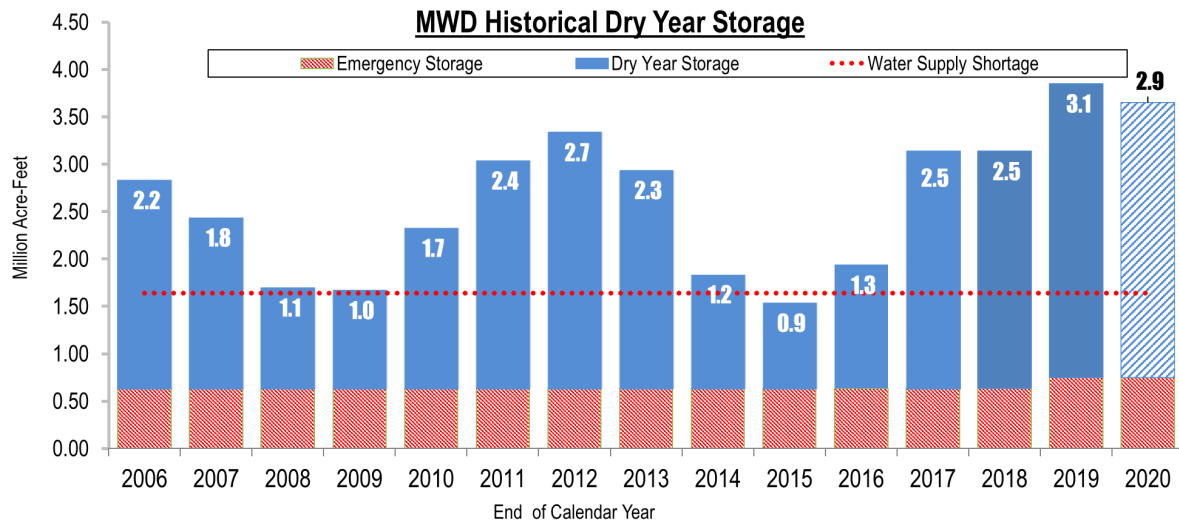
Staff recommends the Board of Directors to review and discuss this information.

SUMMARY REPORT

With estimated total demands and losses of 1.636 million acre-feet (MAF) and with a 20% SWP Table A Allocation, Metropolitan is projecting that demands will exceed supply levels in Calendar Year (CY) 2020. Based on this, estimated total dry-year storage for Metropolitan at the end of ***CY 2020 will go down to approximately 2.9 MAF.***

A projected dry-year storage supply of ***2.9 MAF will be the second 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.***

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





INFORMATION ITEM

September 9, 2020

TO: **Administration & Finance Committee**
(Directors Thomas, Dick, Finnegan)

FROM: **Robert Hunter, General Manager**

Staff Contact: Kevin Hostert

SUBJECT: **Monthly Water Usage Data and Water Supply Info.**

STAFF RECOMMENDATION

Staff recommends the Administration & Finance Committee receive and file this information.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

The attached figures show the recent trend of water consumption in Orange County (OC), an estimate of Imported Water Sales for MWD OC, and selected water supply information.

- OC Water Usage, Monthly by Supply **OCWD Groundwater was the main supply in July.**
- OC Water Usage, Monthly, Comparison to Previous Years Water usage in **July 2020 was slightly below average compared to the last 5 years**. We are projecting a slight increase in overall water usage compared to FY 2020-21. It has been 40 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 525,000 AF in FY 2020-21 (this includes ~15 TAF of agricultural usage and non-retail water agency usage)**. This is about **6,000 AF more than FY 2019-20** and is about **9,000 AF more than FY 2018-19**. Water usage per person is projected to be slightly higher in **FY 2020-21 for Orange County at 143 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

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

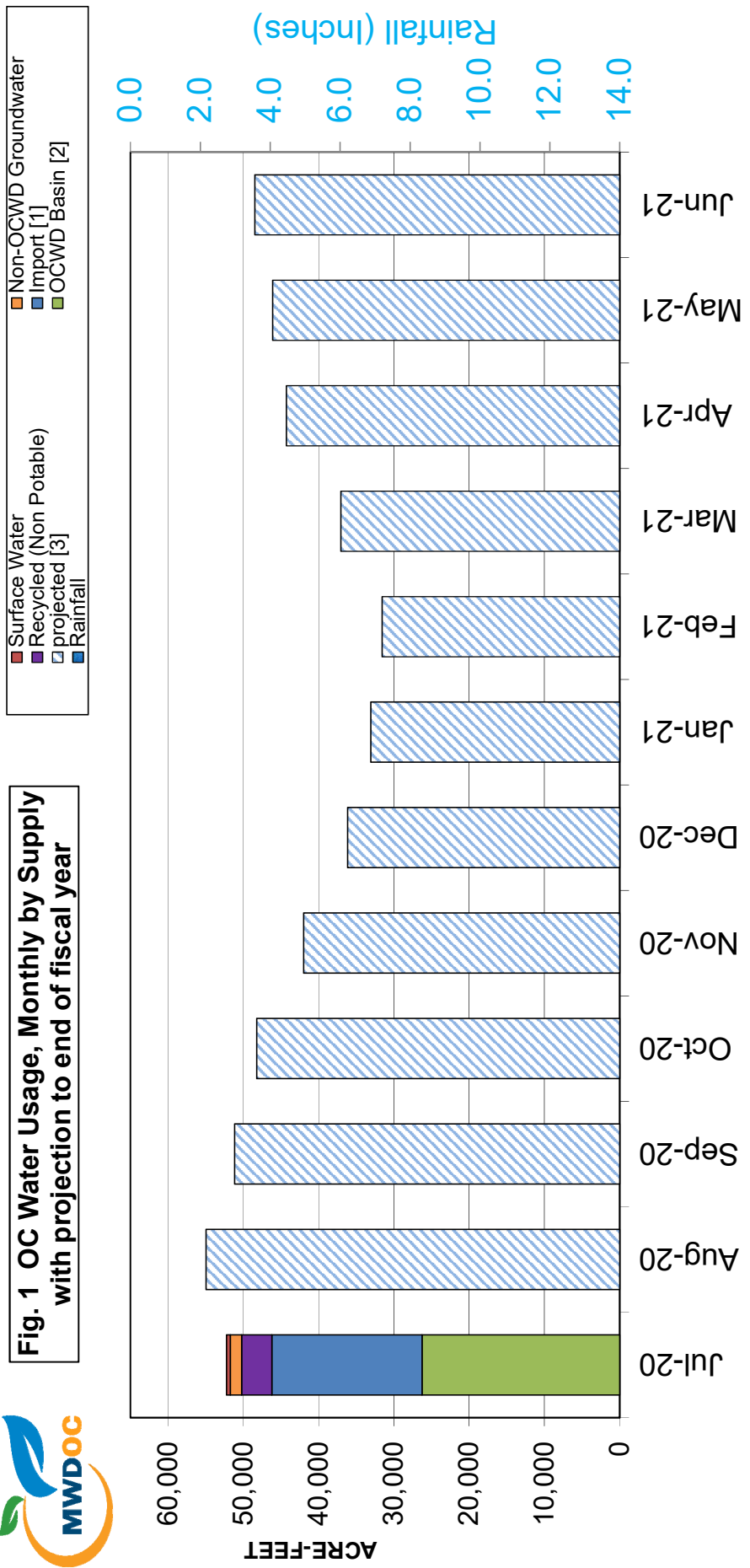
(water conservation) efforts. ***O.C. Water Usage for the last five Fiscal Years is the lowest since the 1982-83 Fiscal Year*** (FY 1982-83 was the third wettest year on record).

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 September*** was slightly above average for this period. Water year to date rainfall in Orange County is ***14.79 inches***, which is ***116% of normal***.
- Northern California accumulated precipitation through ***early September*** was ***64% 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 September, 54.38%*** of California is experiencing ***moderate to extreme drought conditions*** while 79.61% 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 ***late August*** was ***80% 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 ***60% of their average storage volume*** for this time of year and are at ***43.9% 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 March, Lake Mead levels were ***14.48' 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 9% chance in 2022***.



**Fig. 1 OC Water Usage, Monthly by Supply
with projection to end of fiscal year**



[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.

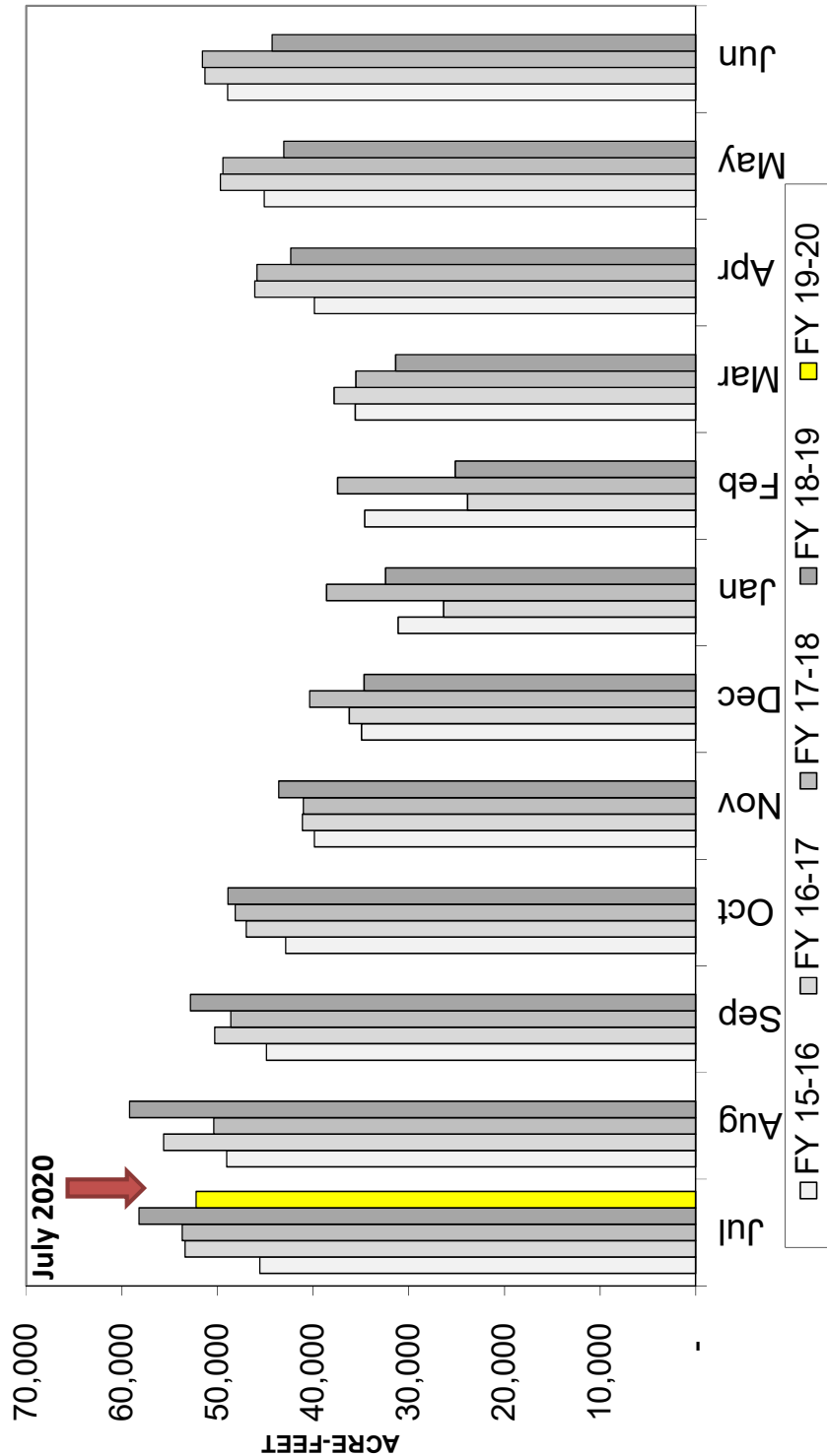
[2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '19-20 is 77%.

[3] MWD OC's estimate of monthly demand is based on the projected 5 Year historical retail water demand and historical monthly demand patterns.

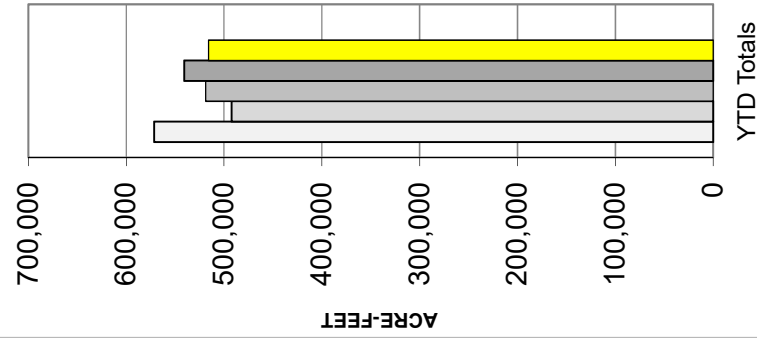
[4] Total water usage includes IRWD groundwater agricultural use and usage by non-retail water agencies.



Fig. 2 OC Monthly Water Usage [1]: Comparison to Last 4 Fiscal Years

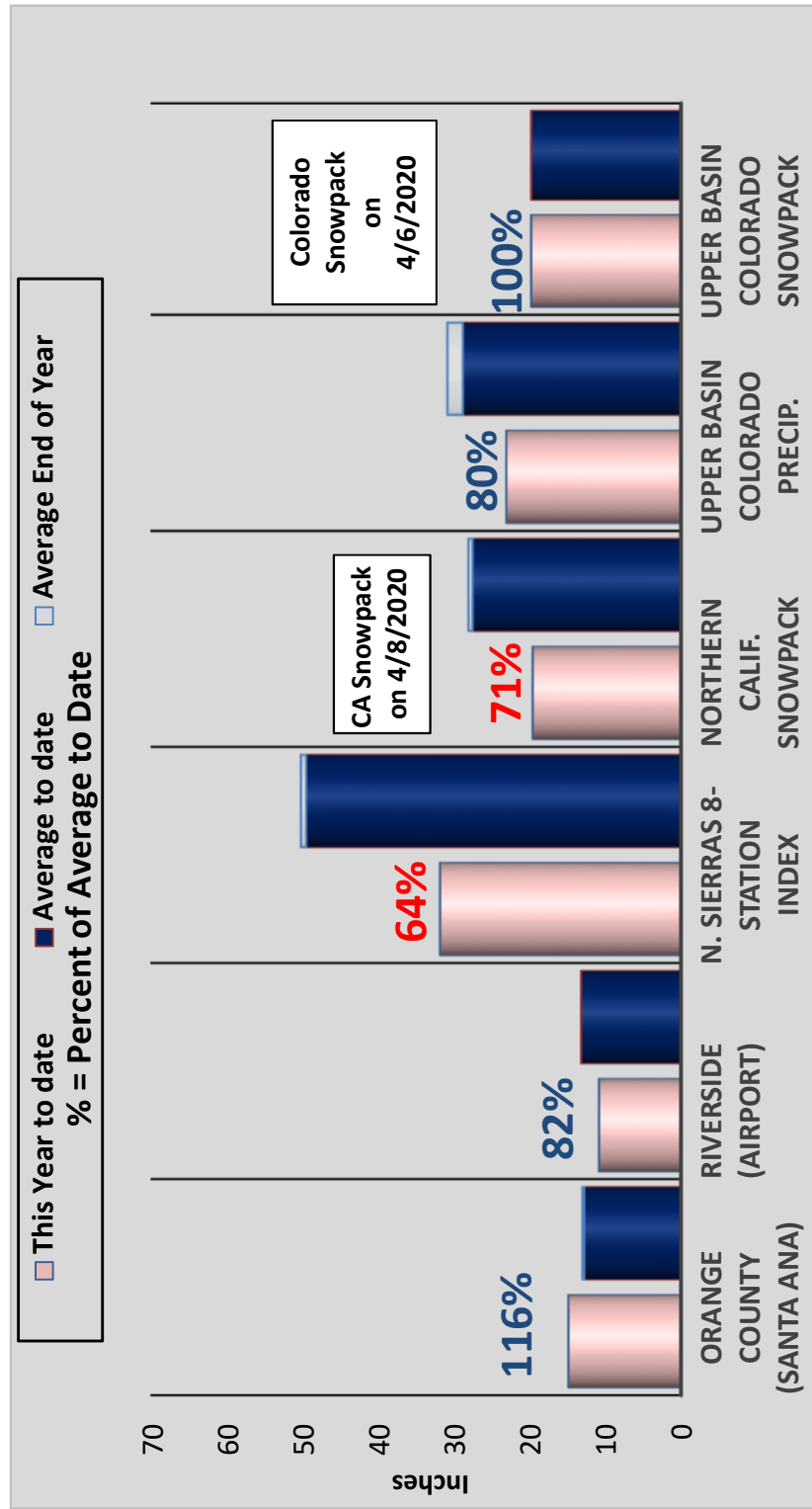


Partial Year Subtotals



[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.

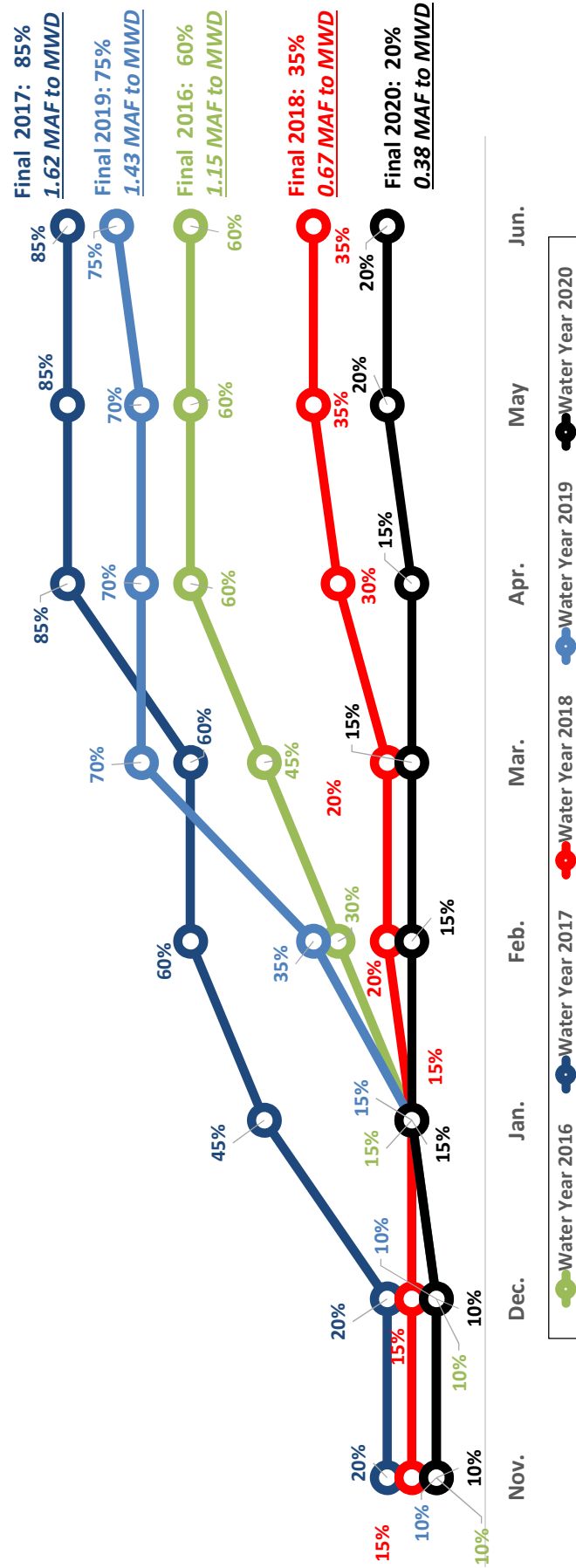
Accumulated Precipitation for the Oct.-Sep. water year, early September 2020



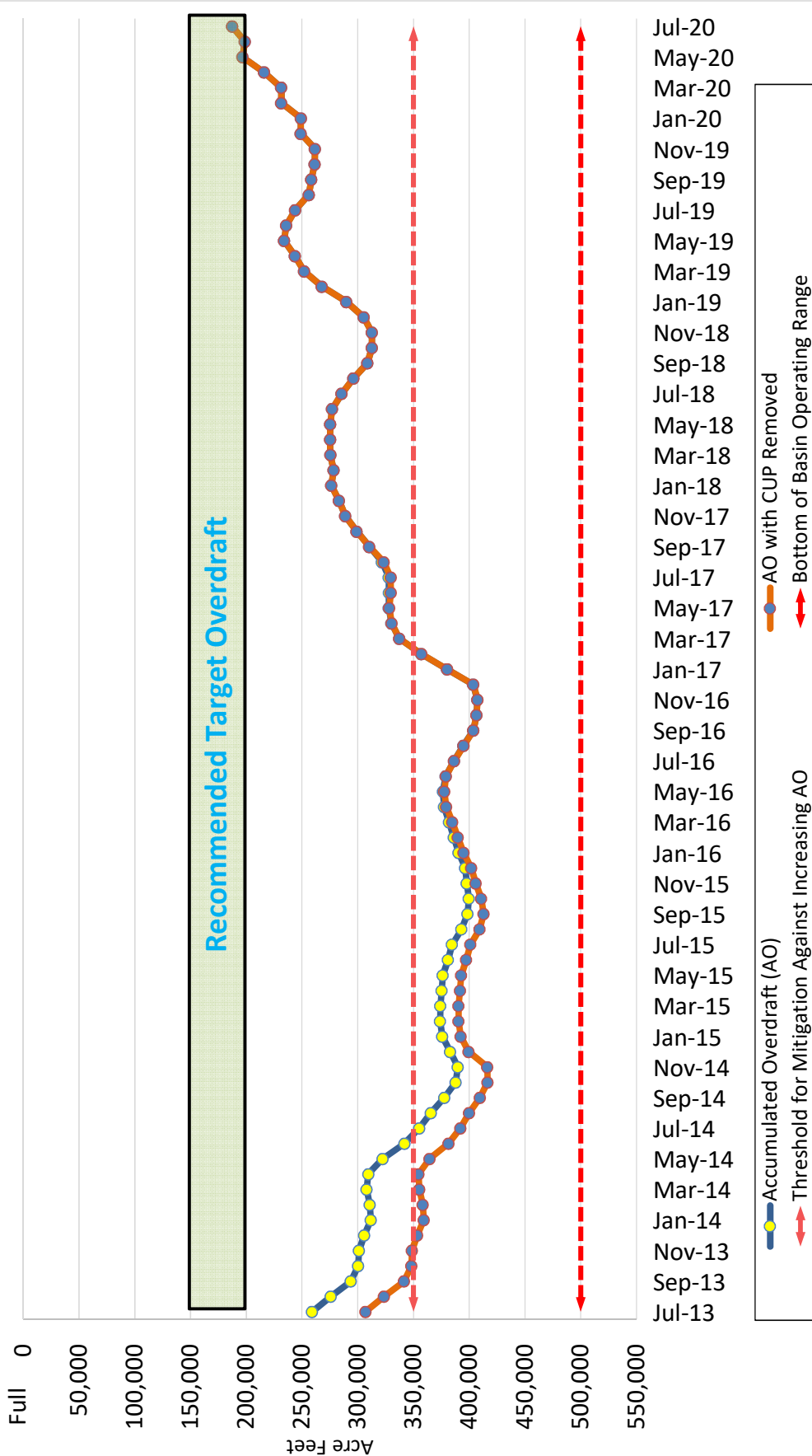
* The date of maximum snowpack accumulation (April 1st in Northern Calif. , April 15th in the Upper Colorado Basin) is used for year to year comparison.

SWP TABLE A ALLOCATION

FOR STATE WATER PROJECT CONTRACTORS



Accumulated Overdraft of the OCWD Groundwater Basin as of July 2020

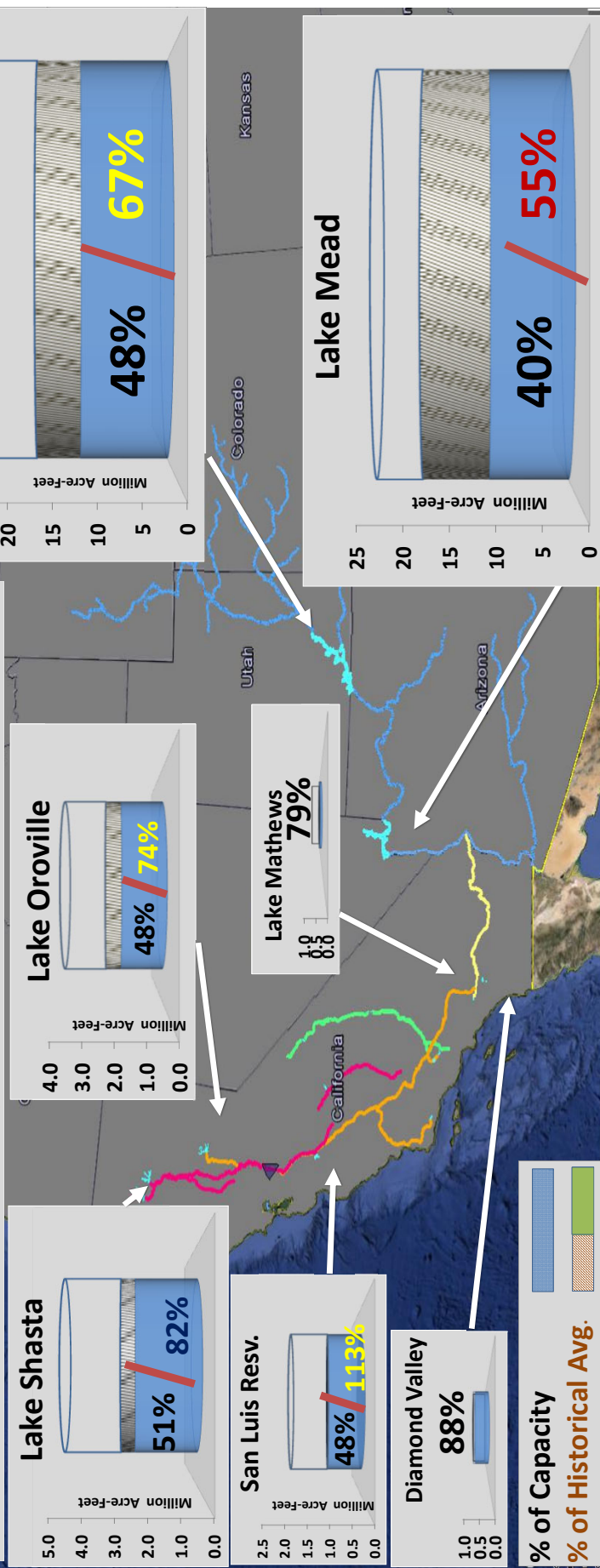


	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
AO (AF)	244,057	256,239	258,445	261,464	261,645	248,909	249,051	231,354	231,354	216,098	196,677	198,754
AO w/CUP removed (AF)	244,057	256,239	258,446	261,464	261,645	248,909	249,051	231,354	231,354	216,098	196,677	198,754
	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											
AO w/CUP removed (AF)	187,392											

* Source ~ OCWD Monthly Board of Directors Packet



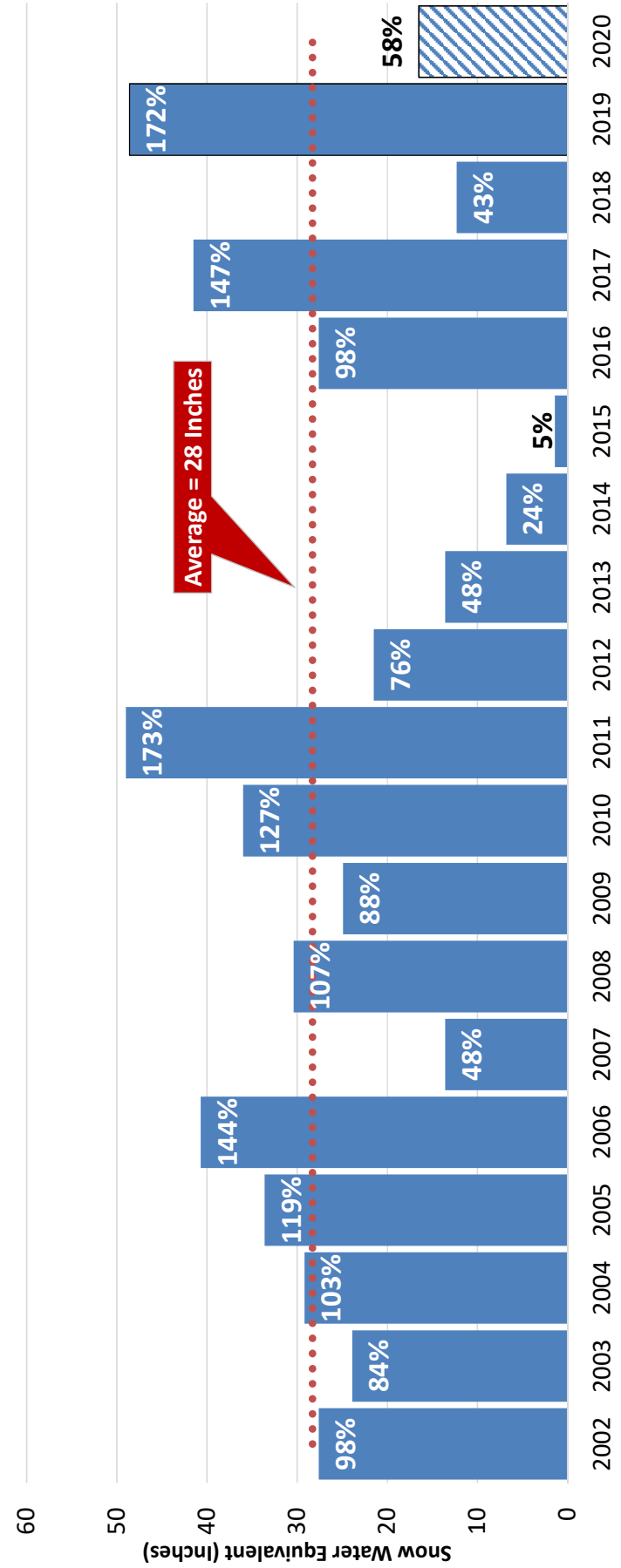
State Water Project, Colorado River, and MWD Reservoir Storage
as of September 2, 2020

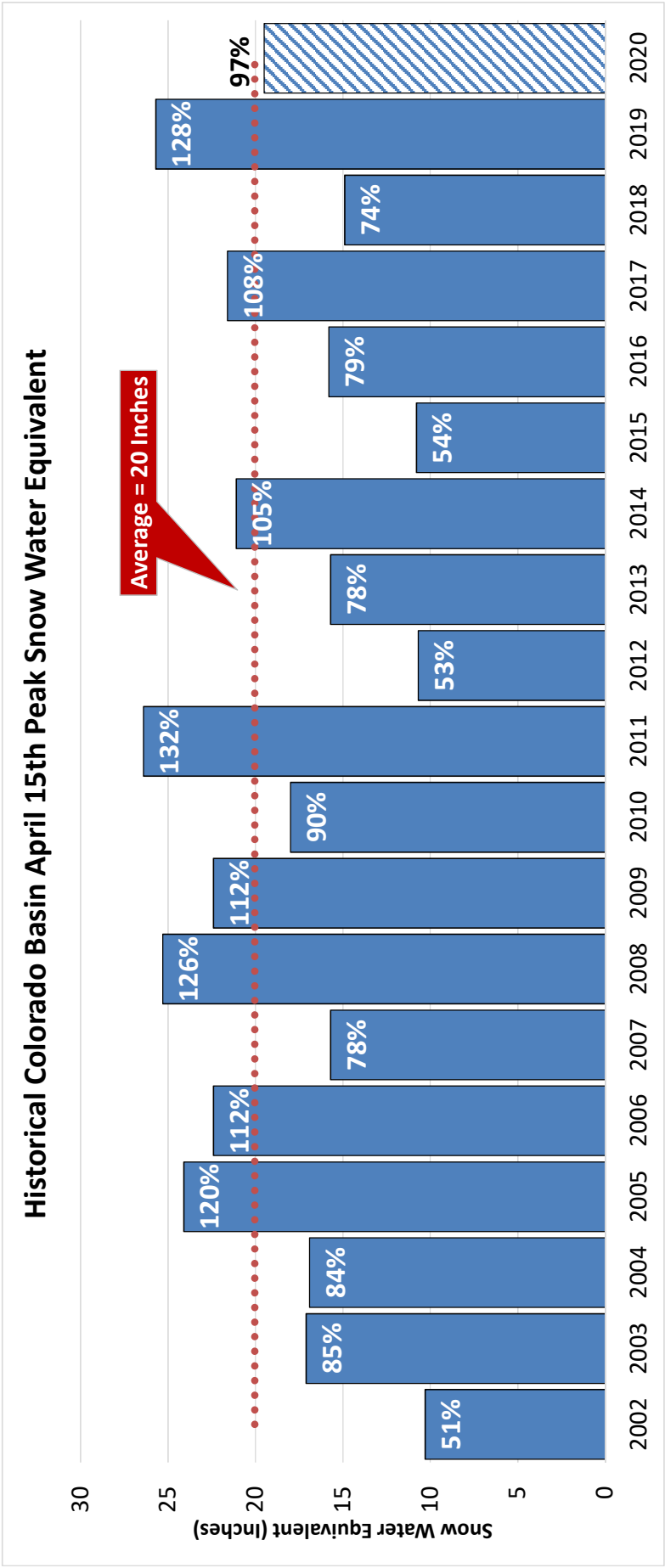


Prepared by the Municipal Water District of Orange County
*Number are Subject to Change



Historical Northern California April 1st Peak Snow Water Equivalent

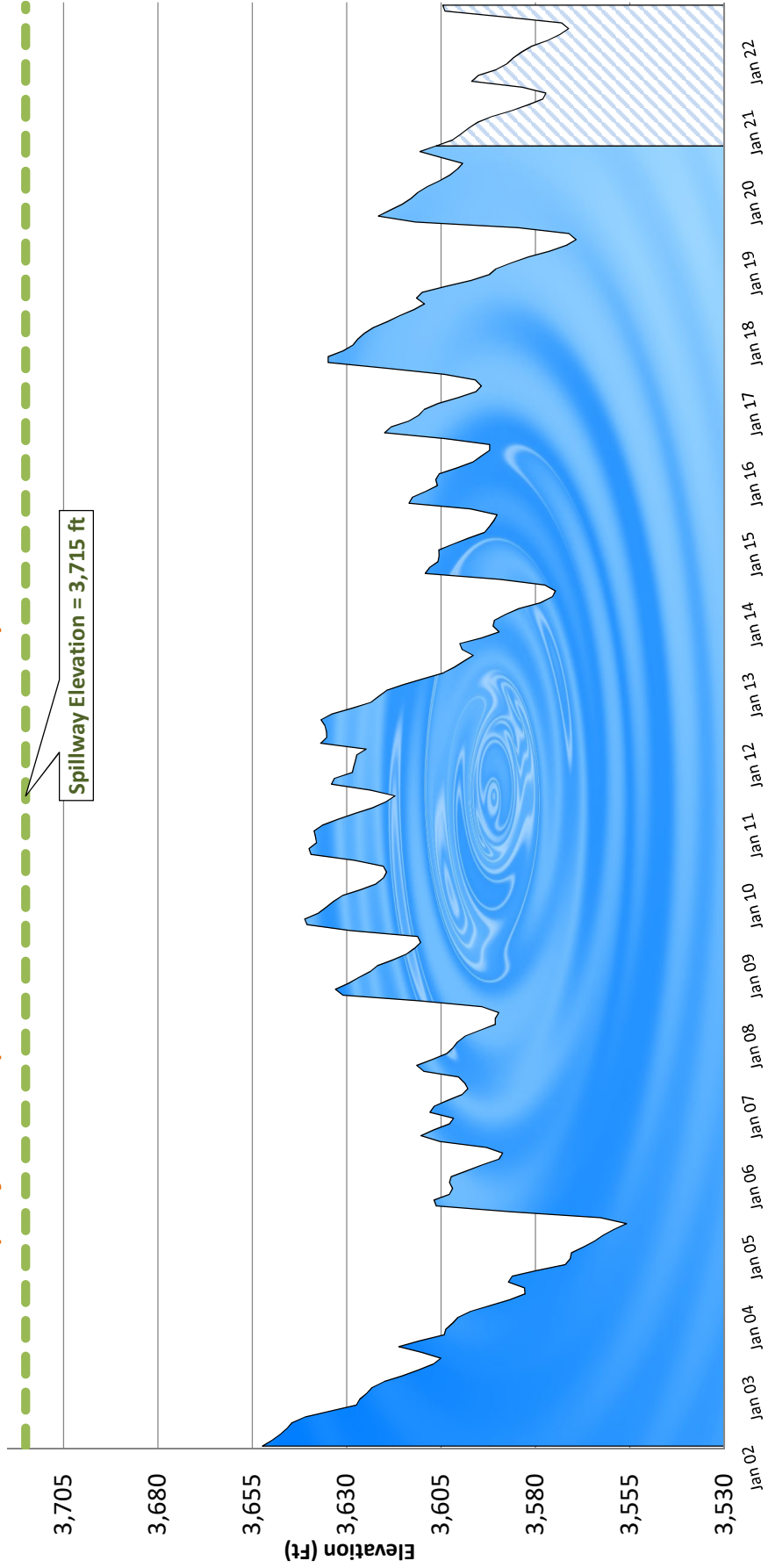






Lake Powell Levels: Historical and Projected projection per USBR 24-Month Study

■ Historical □ Projected





Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study

☒ Historical ☐ Projected

