

MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**ADMINISTRATION & FINANCE COMMITTEE**  
July 13, 2022, 8:30 a.m.

**Due to the current state of emergency related to the spread of COVID-19 and pursuant to Government Code Section 54953(e), MWDOC will be holding this Board and Committee meeting 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 Seckel, Chair  
Director Thomas  
Director Dick

Staff: R. Hunter, J. Berg, H. Chumpitazi,  
H. De La Torre, K. Davanaugh, C. Harris

Ex Officio Member: Director Yoo Schneider

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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.

**ROLL CALL**

**PUBLIC COMMENTS** - Public comments on agenda items and items under the jurisdiction of the Committee should be made at this time.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

**ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING** -- Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

**PROPOSED BOARD CONSENT CALENDAR ITEMS**

1. TREASURER'S REPORT
  - a. Revenue/Cash Receipt Report – June 2022
  - b. Disbursement Approval Report for the month of July 2022

- c. Disbursement Ratification Report for the month of June 2022
  - d. GM Approved Disbursement Report for the month of June 2022
  - e. Consolidated Summary of Cash and Investment – May 2022
  - f. OPEB and Pension Trust Fund monthly statement
2. FINANCIAL REPORT
- a. Combined Financial Statements and Budget Comparative for the Period Ending May 31, 2022

## DISCUSSION ITEMS

3. MWDOC OUTREACH ACTION PLAN

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

4. RESERVE FUND POLICY UPDATE
5. GENERAL MANAGER AUTHORIZED AGREEMENTS
6. DEPARTMENT ACTIVITIES REPORTS
- a. Administration
  - b. Finance and Information Technology
7. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

## OTHER ITEMS

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

## ADJOURNMENT

**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  
REVENUE / CASH RECEIPT REPORT  
June 2022**

**WATER REVENUES**

<u>Date</u>	<u>From</u>	<u>Description</u>	<u>Amount</u>
6/02/2022	City of Westminster	April 2022 Water deliveries	17,585.80
6/03/2022	City of San Clemente	April 2022 Water deliveries	717,099.30
6/03/2022	Trabuco Canyon Water District	April 2022 Water deliveries	17,223.61
6/06/2022	City of La Palma	April 2022 Water deliveries	1,463.71
6/10/2022	Laguna Beach County Water District	April 2022 Water deliveries	338,197.94
6/13/2022	City of Garden Grove	April 2022 Water deliveries	929,243.81
6/13/2022	El Toro Water District	April 2022 Water deliveries	295,708.34
6/14/2022	City of Orange	April 2022 Water deliveries	902,112.57
6/14/2022	East Orange Co Water District	April 2022 Water deliveries	777,461.00
6/14/2022	Santa Margarita Water District	April 2022 Water deliveries	2,478,663.12
6/14/2022	Santa Margarita Water District (ID9)	April 2022 Water deliveries	632,930.31
6/15/2022	Golden State Water Company	April 2022 Water deliveries	578,995.87
6/15/2022	Irvine Ranch Water District	April 2022 Water deliveries	2,810,029.17
6/15/2022	Moulton Niguel Water District	April 2022 Water deliveries	2,743,223.14
6/15/2022	Orange County Water District	April 2022 Water deliveries	423,775.93
6/15/2022	Yorba Linda Water District	April 2022 Water deliveries	517,159.11
6/24/2022	City of Huntington Beach	May 2022 Water deliveries	586,264.86
6/28/2022	City of Fountain Valley	May 2022 Water deliveries	10,421.94
6/28/2022	City of Newport Beach	May 2022 Water deliveries	144,213.36
6/29/2022	City of La Habra	May 2022 Water deliveries	7,041.95
6/30/2022	City of Westminster	May 2022 Water deliveries	17,585.80

**TOTAL WATER REVENUES \$ 14,946,400.64**

**Municipal Water District of Orange County**  
**REVENUE / CASH RECEIPT REPORT**  
**June 2022**

**MISCELLANEOUS REVENUES**

<u>Date</u>	<u>From</u>	<u>Description</u>	<u>Amount</u>
6/10/2022	Karl Seckel	June 2022 Retiree Health insurance	179.55
6/10/2022	Patricia Meszaros	June 2022 Retiree Health insurance	43.08
6/21/2022	Stan Sprague	July 2022 Retiree Health insurance	179.55
6/29/2022	Keith Lyon	July 2022 Retiree Health insurance	179.55
6/15/2022	Igoe and Company Inc	COBRA and Retiree Vision insurance	47.32
6/28/2022	Melissa Haley	Movie tickets	135.00
6/06/2022	SDRMA	Loss Prevention Fund reimbursement for COVID-19 expenses	1,000.00
6/06/2022	US Bank	CAL Card rebate check	1,281.53
6/15/2022	US Bank Custodial Account	National Rural Utilities Coop interest payment	416.67
6/28/2022	US Bank Custodial Account	Westpac Banking interest payment	2,500.00
6/30/2022	US Bank	Monthly interest	5.99
6/14/2022	Santa Margarita Water District	December 2021 Smartimer rebate program	55.31
6/13/2022	Irvine Ranch Water District	April 2022 Smartimer rebate program	271.79
6/06/2022	El Toro Water District	January 2022 Turf Removal rebate program	810.00
6/13/2022	City of Buena Park	February 2022 Turf Removal rebate program	222.00
6/28/2022	City of La Habra	February 2022 Turf Removal rebate program	222.00
6/06/2022	City of Fountain Valley	April 2022 Turf Removal rebate program	111.00
6/06/2022	Moulton Niguel Water District	April 2022 Smartimer and Turf Removal rebate program	33,664.72
6/13/2022	City of Buena Park	February 2022 Turf Removal and Spray to Drip rebate program	532.61
6/28/2022	City of La Habra	March 2022 Turf Removal and Spray to Drip rebate program	222.00
6/10/2022	3 Checks	April 2022 Turf Removal and Spray to Drip rebate program	2,790.50
6/13/2022	2 Checks	April 2022 Turf Removal and Spray to Drip rebate program	1,732.00
6/28/2022	City of La Habra	April 2022 Turf Removal and Spray to Drip rebate program	543.43
6/13/2022	Mesa Water District	April 2022 Smartimer, Turf Removal and Spray to Drip rebate program	1,563.00
6/24/2022	City of San Clemente	April 2022 Smartimer, Turf Removal and Spray to Drip rebate program	497.62
6/17/2022	City of San Clemente	April 2022 So Cal Watersmart rebate program	250.00
6/13/2022	Metropolitan Water District	Apr 2020-Feb 2021 Smart Watershed Network Project	110,601.05
6/13/2022	Department of Water Resources	Jul 2020-Dec 2021 Prop 1 North grant	1,406,103.64
6/21/2022	Department of Water Resources	Jun 2020-Dec 2021 Prop 1 South grant	739,885.38
6/21/2022	City of Anaheim	Water Loss Control Shared Services Year II - Water Audit Validation	990.00
6/03/2022	City of Fullerton	Water Loss Control Shared Services Year III - Water Audit Validation	990.00
6/13/2022	City of Buena Park	Water Loss Control Technical Assistance - WSO, Inc. Year VI	24,674.81
6/21/2022	Eastern Municipal Water District	WEEA Sponsorship FY 2022-23	5,000.00
6/28/2022	City of Santa Ana	Jul-Dec 2021 School Billing	3,612.59
6/28/2022	City of Orange	Addition to the Choice School Program FY 2021-22	342.20
6/30/2022	City of Brea	Addition to the Choice School Program FY 2021-22	721.00
6/29/2022	Santa Margarita Water District	FY 2020-21 O & M Costs of the EOCF No.2	46,712.80
6/29/2022	Santa Margarita Water District (ID9)	FY 2020-21 O & M Costs of the EOCF No.2	38,718.94
6/06/2022	City of Orange	2020 - 5 Year Update Urban Water Management Plan Final billing	4,500.00
6/06/2022	City of La Palma	2020 - 5 Year Update Urban Water Management Plan Final billing	10,450.00
6/13/2022	City of Garden Grove	2020 - 5 Year Update Urban Water Management Plan Final billing	5,900.00
6/21/2022	Yorba Linda Water District	2020 - 5 Year Update Urban Water Management Plan Final billing	7,000.00
6/06/2022	El Toro Water District	WEROC Emergency Supplies for COVID-19	254.50
6/21/2022	Mesa Water District	WEROC Emergency Supplies for COVID-19	2,036.00
6/28/2022	Irvine Ranch Water District	WEROC Emergency Supplies for COVID-19	3,735.00
6/29/2022	Santa Margarita Water District	WEROC Emergency Supplies for COVID-19	840.00
6/21/2022	Costa Mesa Sanitary District	WEROC Emergency Supplies for COVID-19	203.60

<b>TOTAL MISCELLANEOUS REVENUES</b>	<b>\$ 2,462,727.73</b>
<b>TOTAL REVENUES</b>	<b>\$ 17,409,128.37</b>



Robert J. Hunter, General Manager



Hilary Chumplitazi, Treasurer

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of July 2022**

Vendor/ Invoice	Description	Amount to Pay
<b>Core Disbursements:</b>		
<b>ACCO Engineered Systems Inc</b>		
20263805	6/1/22-8/31/22 HVAC Preventative Maintenance	1,014.00
***Total***		<b>1,014.00</b>
<b>Ackerman Consulting-Richard C Ackerman</b>		
1339	June 2022 Legal Consulting on Water Issues	3,700.00
***Total***		<b>3,700.00</b>
<b>ACWA</b>		
1197	Region 10 Program sponsorship - Conversations on Leading for a Resilient Water Future	500.00
***Total***		<b>500.00</b>
<b>ACWA Joint Powers Ins Auth</b>		
O-0000008639	7/1/22-6/30/23 Annual Excess Crime program renewal	2,200.00
***Total***		<b>2,200.00</b>
<b>Aleshire &amp; Wynder LLP</b>		
68364	May 2022 Legal Services	3,619.20
***Total***		<b>3,619.20</b>
<b>Arcadis US Inc</b>		
34305364	June 2022 Urban Water Management Plan Development services	9,990.00
34305706	10% Retention release payment on Urban Water Management Plan Development services	82,535.01
***Total***		<b>92,525.01</b>
<b>Association of California Cities-Orange County</b>		
3120	2022-2023 Membership renewal	5,000.00
***Total***		<b>5,000.00</b>
<b>Richard Bell</b>		
63022	January-June 2022 Retiree medical premium	2,041.20
***Total***		<b>2,041.20</b>
<b>Best Best and Krieger LLP</b>		
55401-MAY22	May 2022 Legal Services	6,109.85
936751	May 2022 State Advocacy Agreement services	8,000.00
55401-JUN22	June 2022 Legal Services	9,789.37
939162	June 2022 State Advocacy Agreement services	8,000.00
***Total***		<b>31,899.22</b>

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of July 2022**

<b>Vendor/ Invoice</b>	<b>Description</b>	<b>Amount to Pay</b>
<b>The Brattle Group Inc</b>		
67743	May 2022 Services for the Economic Benefit Studies and Modeling Work	5,478.75
***Total***		<u>5,478.75</u>
<b>Bryton Printing Inc</b>		
16610	Printing 25,000 Ricky Books for school programs	13,723.13
***Total***		<u>13,723.13</u>
<b>ComputerWorks NFP Solutions</b>		
4626	AccuFund service support in excess of prepaid time purchased	192.50
4663	25 hours of Premium Value Prepaid AccuFund service support	3,250.00
***Total***		<u>3,442.50</u>
<b>Hunter T Cook</b>		
63022	April-June 2022 Retiree medical premium	1,536.00
***Total***		<u>1,536.00</u>
<b>CSU Fullerton ASC</b>		
AR172032	Redistricting support services for MWDOC Director divisions	21,852.00
***Total***		<u>21,852.00</u>
<b>Dell Marketing LP</b>		
10580227755	Replacement Server for Hyper-V Host (PlanetsA)	10,478.53
***Total***		<u>10,478.53</u>
<b>E Source Companies LLC</b>		
21242	May 2022 Services for leak detection survey	8,700.00
***Total***		<u>8,700.00</u>
<b>Elevated Health</b>		
Jun-22	Pre-employment physical for new staff member	115.00
***Total***		<u>115.00</u>
<b>Means Consulting LLC-Edward G Means III</b>		
MWDOC-1103	June 2022 MET issues & strategic guidance to staff	1,125.00
***Total***		<u>1,125.00</u>
<b>Goin Native Therapeutic Gardens</b>		
SP-14	Sponsorship for Goin' Native Therapeutic Gardens	1,500.00
***Total***		<u>1,500.00</u>

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of July 2022**

<b>Vendor/ Invoice</b>	<b>Description</b>	<b>Amount to Pay</b>
<b>GovConnection Inc</b>		
72966695	June 2022 Exchange Online Migration and Licenses	2,162.76
72999645	Credit for sales tax charged on Exchange Online Migration invoice 72966695	(174.01)
72996784	Cisco Smartnet annual support renewal for Switch, router and firewall	1,031.05
***Total***		<u>3,019.80</u>
<b>Hashtag Pinpoint Corporation</b>		
1594	June 2022 Social Media consultation & service	7,913.00
***Total***		<u>7,913.00</u>
<b>Jill Promotions</b>		
11477	Branded promotional items: Silicone Bracelets	1,718.25
61722	Branded promotional Items: pencil pouches, blankets, power banks, pen/highlighters, seed bomb bags, and produce bags	17,324.35
62522	Branded promotional items: flex fit hats, apparel, straw kits, pencils, sunglasses, and Ricky socks	8,810.55
63022	Branded promotional items: Food scrapers, hose nozzles, pad folios, canvas totes, and water can grow kits	13,438.25
***Total***		<u>41,291.40</u>
<b>Lawnscape Systems Inc</b>		
427936	June 2022 Landscape Maintenance for Atrium	495.00
***Total***		<u>495.00</u>
<b>Keith Lyon</b>		
63022	April-June 2022 Retiree medical premium	1,020.60
***Total***		<u>1,020.60</u>
<b>Mega Maids Cleaning Service</b>		
12560	June 2022 Cleaning services for COVID-19 prevention	900.00
***Total***		<u>900.00</u>
<b>Patricia Meszaros</b>		
63022	April-June 2022 Retiree medical premium	510.30
***Total***		<u>510.30</u>
<b>Natural Resource Results LLC</b>		
3936	June 2022 Federal legislative advocacy services	8,000.00
***Total***		<u>8,000.00</u>



**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of July 2022**

<b>Vendor/ Invoice</b>	<b>Description</b>	<b>Amount to Pay</b>
<b>NDS</b>		
802302	6/3/22 Board packet delivery service	186.50
802883	6/10/22 Board packet delivery service	186.50
803063	6/30/22 Board packet delivery service	186.50
<b>***Total***</b>		<b>559.50</b>
<b>Office Solutions</b>		
I-01988788	4/5/22 Office supplies	543.75
I-01988838	4/5/22 Office supplies	125.01
I-01989033	4/5/22 Office supplies	58.59
I-02015988	6/16/22 Office supplies	428.40
I-02016366	6/17/22 Office supplies	10.32
I-02017275	6/22/22 Office supplies	350.99
<b>***Total***</b>		<b>1,517.06</b>
<b>Orange County Water District</b>		
24284	May 2022 Postage, shared office and maintenance expense	2,693.22
<b>***Total***</b>		<b>2,693.22</b>
<b>Paul Redvers Brown Inc</b>		
DOC009	June 2022 MWDOC Facilitated Member Agency Discussions Project services	3,190.00
<b>***Total***</b>		<b>3,190.00</b>
<b>Soto Resources-Joey C Soto</b>		
GA-MAY-59	May 2022 Grant Research and Acquisition	3,250.00
GA-JUN-61	June 2022 Grant Research and Acquisition	3,250.00
<b>***Total***</b>		<b>6,500.00</b>
<b>SPS Data Communications</b>		
62201	Re-connect speakers for office paging system for MWDOC office remodel	735.00
<b>***Total***</b>		<b>735.00</b>
<b>Tracker A Division of C2 LLC</b>		
08-04905	Portfolio Accounting and Reporting annual subscription fee renewal	2,820.00
<b>***Total***</b>		<b>2,820.00</b>
<b>USAFact Inc</b>		
2063270	June 2022 Background check for new hire	40.06
<b>***Total***</b>		<b>40.06</b>
<b>Water Systems Consulting Inc</b>		
6839	May 2022 Water Use Efficiency Economic Analysis	2,807.50
<b>***Total***</b>		<b>2,807.50</b>
<b>Total Core Expenditures</b>		<b>294,461.98</b>

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of July 2022**

<b>Vendor/ Invoice</b>	<b>Description</b>	<b>Amount to Pay</b>
<b>Choice Expenditures:</b>		
<b>Bryton Printing Inc</b>		
16571	Water Use Efficiency Summer 2022 Bill inserts for member agencies	4,176.35
***Total***		<u>4,176.35</u>
<b>Building Block Entertainment Inc</b>		
3511-3	June 2022 Choice Elementary School Program K-2	4,875.00
***Total***		<u>4,875.00</u>
<b>GardenSoft Corp</b>		
5774	Water Wise Gardening website license fee July 1, 2022-June 30, 2023	4,000.00
***Total***		<u>4,000.00</u>
<b>McCall's Meter Sales &amp; Service</b>		
34945	June 2022 Meter Accuracy Testing for South Coast Water District	920.00
***Total***		<u>920.00</u>
<b>Mission RCD</b>		
3224	June 2022 Field inspection and verification for Water Use Efficiency rebate programs	5,279.16
***Total***		<u>5,279.16</u>
<b>Office Solutions</b>		
I-02012952	Bottled water for Water Loss Control Shared Services field staff	53.94
I-02015141	Gatorade for Water Loss Control Shared Services	78.26
***Total***		<u>132.20</u>
<b>Orange County Dept of Education</b>		
94RI5164	May 2022 Choice School Programs for grades 3-12	18,276.23
94RI5287	June 2022 Choice School Programs for grades 3-5	4,829.52
***Total***		<u>23,105.75</u>
<b>Orange County Water District</b>		
24284	May 2022 Postage for Water Use Efficiency rebate programs	39.97
***Total***		<u>39.97</u>
<b>Westerly Meter Service-Lane M Matsuno</b>		
17110	June 2022 Meter Accuracy Testing for Mesa Water District	4,550.00
***Total***		<u>4,550.00</u>
<b>Total Choice Expenditures</b>		<u>47,078.43</u>

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of July 2022**

Vendor/ Invoice	Description	Amount to Pay
<b>Other Funds Expenditures:</b>		
<b>EcoTech Services Inc</b>		
2340	June 2022 Landscape Design and Landscape Maintenance Assistance Program	13,699.00
***Total***		<u>13,699.00</u>
<b>Mission RCD</b>		
3224	June 2022 Field inspection and verification for Water Use Efficiency rebate programs	6,242.19
***Total***		<u>6,242.19</u>
<b>NV5 Geospatial</b>		
275215	10/4/21-3/24/22 Dedicated Irrigation Meter Measurement Services for the City of Brea	53,215.98
275218	9/27/21-5/11/22 Dedicated Irrigation Meter Measurement Services for the City of Fountain Valley	25,058.01
275219	1/13/22-5/11/22 Dedicated Irrigation Meter Measurement Services for Moulton Niguel Water District	37,716.18
275220	12/16/21-5/11/22 Dedicated Irrigation Meter Measurement Services for Laguna Beach County Water District	14,724.81
275223	3/7/22-5/6/22 Dedicated Irrigation Meter Measurement Services for the City of Fullerton	19,891.41
275225	1/31/22-6/6/22 Dedicated Irrigation Meter Measurement Services for the City of Anaheim	29,707.95
***Total***		<u>180,314.34</u>
<b>Orange County Water District</b>		
24284	May 2022 Postage, shared office and maintenance expense	481.98
***Total***		<u>481.98</u>
<b>The Plant Nerd</b>		
7286	June 2022 Landscape Design and Landscape Maintenance Assistance Program	23,410.00
***Total***		<u>23,410.00</u>
<b>Soto Resources-Joey C Soto</b>		
SA-MAY-60	May 2022 Grant Administration Services for Prop 1 North	1,328.25
SA-JUN-62	June 2022 Grant Administration Services for Prop 1 North	247.50
***Total***		<u>1,575.75</u>
<b>TerraWorks Studio</b>		
MW0013	June 2022 Landscape Design and Landscape Maintenance Assistance Program	1,750.00
***Total***		<u>1,750.00</u>

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of July 2022**

<b>Vendor/ Invoice</b>	<b>Description</b>	<b>Amount to Pay</b>
<b>Utility Services Associates LLC</b>		
126497	May 2022 Leak Detection services for Garden Grove	34,351.60
126504	June 2022 Leak Detection services for Buena Park, Garden Grove, and Orange	13,655.86
<b>***Total***</b>		<b>48,007.46</b>
<b>Total Other Funds Expenditures</b>		<b>275,480.72</b>
<b>Total Expenditures</b>		<b>617,021.13</b>



**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the Month of June 2022**

Name/ Date	Check/ EFT	Invoice	Description	Amount
<b>Core Disbursements:</b>				
<b>Tiffany Baca</b>				
6/30/2022	EFT	52122	May 2022 Business expense	33.43
***Total***				<u>33.43</u>
<b>Heather Baez</b>				
6/30/2022	EFT	51822	May 2022 Business expense	259.46
***Total***				<u>259.46</u>
<b>Hilary Chumpitazi</b>				
6/30/2022	EFT	53022	May 2022 Business expense	57.31
***Total***				<u>57.31</u>
<b>Corodata Records Management Inc</b>				
6/15/2022	EFT	RS4805917	May 2022 Records Storage fees	58.22
***Total***				<u>58.22</u>
<b>Harvey De La Torre</b>				
6/30/2022	EFT	60222	June 2022 Business expense	42.58
***Total***				<u>42.58</u>
<b>Sam Fetter</b>				
6/30/2022	EFT	60222	May-June 2022 Business expense	183.12
***Total***				<u>183.12</u>
<b>Lina Gunawan</b>				
6/30/2022	EFT	41922	April 2022 Business expense	20.00
***Total***				<u>20.00</u>
<b>Robert McVicker</b>				
6/30/2022	EFT	50522	May 2022 Business expense	128.06
***Total***				<u>128.06</u>
<b>Metropolitan Water District</b>				
6/30/2022	141075	48182	FY 2020-21 Operation/Maintenance Cost-East OC Feeder No 2	466,594.06
***Total***				<u>466,594.06</u>
<b>Moulton Niguel Water District</b>				
6/15/2022	141006	4514994	April 2020 - Feb. 2021 Future Supply Actions program	110,601.05
***Total***				<u>110,601.05</u>

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the Month of June 2022**

<b>Name/ Date</b>	<b>Check/ EFT</b>	<b>Invoice</b>	<b>Description</b>	<b>Amount</b>
<b>Al Nederhood</b>				
6/30/2022	EFT	52322	May 2022 Business expense	126.32
<b>***Total***</b>				<b>126.32</b>
<b>Ricoh USA Inc</b>				
6/30/2022	EFT	5064729263	3/1/22-5/31/22 Ricoh copier Maintenance	2,224.75
<b>***Total***</b>				<b>2,224.75</b>
<b>Judy Roberts</b>				
6/30/2022	EFT	30122	March 2022 Business expense	26.34
<b>***Total***</b>				<b>26.34</b>
<b>Karl Seckel</b>				
6/30/2022	EFT	50622	May 2022 Business expense	356.09
<b>***Total***</b>				<b>356.09</b>
<b>Spectrum Business</b>				
6/15/2022	141012	343564061022	June 2022 Telephone expense for one analog fax line	39.99
6/02/2022	141003	375210053022	June 2022 Telephone and internet expense	1,423.31
<b>***Total***</b>				<b>1,463.30</b>
<b>US Bank</b>				
6/30/2022	141077	0208/4192/4279-MAY22	4/23/22-5/23/22 Cal Card Charges	9,867.14
<b>***Total***</b>				<b>9,867.14</b>
<b>Verizon Wireless</b>				
6/02/2022	141004	9907234148	May 2022 4G Mobile broadband unlimited service	114.03
<b>***Total***</b>				<b>114.03</b>
<b>Total Core Disbursements</b>				<b>592,155.26</b>
<b>Choice Disbursements:</b>				
<b>US Bank</b>				
6/30/2022	141077	4279-MAY22	4/23/22-5/23/22 Cal Card Charges	1,959.44
<b>***Total***</b>				<b>1,959.44</b>
<b>US Bank Voyager Fleet Systems</b>				
6/30/2022	EFT	8694349932222	4/25/22-5/24/22 Fuel for Water Loss Control Shared Services vehicles	619.70
<b>***Total***</b>				<b>619.70</b>
<b>Total Choice Disbursements</b>				<b>2,579.14</b>

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the Month of June 2022**

<b>Name/ Date</b>	<b>Check/ EFT</b>	<b>Invoice</b>	<b>Description</b>	<b>Amount</b>
<b>Other Funds Disbursements:</b>				
<b>AT&amp;T</b>				
6/30/2022	141071	18254922	May 2022 Telephone expense for WEROC N. & S. EOC	453.22
<b>***Total***</b>				<b>453.22</b>
<b>AWIA Regional Project Closeout Phase 1-3</b>				
6/24/2022	141014	17017	City of Brea	3,569.28
6/24/2022	141015	17018	City of Buena Park	18,874.22
6/24/2022	141016	17020	El Toro Water District	49,049.81
6/24/2022	141017	17019	East Orange Co Water District	41,116.94
6/24/2022	141018	17021	City of Fountain Valley	36,401.60
6/24/2022	141019	17022	City of Fullerton	34,821.50
6/24/2022	141020	17023	City of Garden Grove	44,102.53
6/24/2022	EFT	17024	City of Huntington Beach	41,458.12
6/24/2022	141021	17025	Irvine Ranch Water District	29,336.19
6/24/2022	141022	17026	City of La Habra	61,562.58
6/24/2022	141023	17027	Moulton Niguel Water District	18,345.50
6/24/2022	141024	17028	City of Newport Beach	36,999.41
6/24/2022	141025	17029	City of Orange	30,458.70
6/24/2022	141026	17030	City of San Clemente	50,359.96
6/24/2022	141027	17031	City of Santa Ana	33,985.03
6/24/2022	141028	17033	City of Seal Beach	11,789.91
6/24/2022	141029	17034	Serrano Water District	4,630.10
6/24/2022	141030	17035	South Coast Water District	22,840.03
6/24/2022	141031	17036	Trabuco Canyon Water District	12,070.76
6/24/2022	141032	17037	City of Tustin	54,079.54
6/24/2022	EFT	17038	City of Westminster	25,534.32
6/24/2022	141033	17039	Yorba Linda Water District	5,716.47
<b>***Total***</b>				<b>667,102.50</b>
<b>Mesa Water District</b>				
6/15/2022	EFT	10817	April 2022 Credit for Local Resources Program	67,519.60
<b>***Total***</b>				<b>67,519.60</b>
<b>Metropolitan Water District</b>				
6/30/2022	EFT063022	10768	April 2022 Water deliveries	15,738,336.08
<b>***Total***</b>				<b>15,738,336.08</b>
<b>Prop 1 Project Partner Reimbursement</b>				
6/24/2022	141065	062122A	City of Big Bear Lake	11,169.49
6/24/2022	141066	062122B	Eastern Municipal Water District	390,643.95
6/24/2022	141068	062122C	Inland Empire Utilities Agency	712,514.00
6/24/2022	141070	062122D	Western Municipal Water District	21,179.93
<b>***Total***</b>				<b>1,135,507.37</b>



**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the Month of June 2022**

<b>Name/ Date</b>	<b>Check/ EFT</b>	<b>Invoice</b>	<b>Description</b>	<b>Amount</b>
<b>Santa Margarita Water District</b>				
6/30/2022	EFT	43022	April 2022 SCP Operation Surcharge	26,660.93
<b>***Total***</b>				<b>26,660.93</b>
<b>Spray to Drip Rebate</b>				
6/24/2022	141037	S2D4-C-SM-42600-18101	Bella Ventana Maintenance Corp (11 1/2 Rabano)	6,391.50
6/24/2022	141038	S2D4-C-SM-42600-18109	Bella Ventana Maintenance Corp (Rabano)	11,213.00
6/24/2022	141051	S2D5-C-MNT-4463-18419	Rancho Niguel Master (Moulton Pkwy E/S)	21,939.40
6/24/2022	141035	S2D5-C-SC-46072-18462	Bella Collina San Clemente (San Clemente)	45,000.00
6/24/2022	141053	S2D5-C-SM-26835-18448	San Juan Hills Estates HOA (Via Entrada)	8,863.50
6/24/2022	141052	S2D5-C-SM-44331-18443	Rancho San Juan Comm Association (Via Granada)	9,558.00
6/24/2022	141034	S2D5-R-IRWD-46370-18538	T. Balta	407.40
6/24/2022	141044	S2D5-R-IRWD-46566-18599	C. Lee	188.24
6/24/2022	141063	S2D5-R-MESA-43082-18570	L. Young	390.50
6/24/2022	141045	S2D5-R-TUST-46393-18551	B. Mermilliod	2,145.50
6/24/2022	141040	S2D5-R-TUST-46487-18579	B. Coats	485.50
6/24/2022	141061	S2D5-R-YLWD-44469-18463	J. Wang	1,761.00
<b>***Total***</b>				<b>108,343.54</b>
<b>Turf Rebate</b>				
6/24/2022	141036	TR15-C-SC-46072-44771	Bella Collina San Clemente (San Clemente)	148,464.00
6/24/2022	141054	TR15-C-SM-26835-44738	San Juan Hills Estates HOA (San Juan Capistrano)	53,181.00
6/24/2022	141055	TR15-C-SOCO-45948-44960	Seascape HOA (San Clemente)	8,934.00
6/24/2022	141056	TR15-R-ETWD-42766-41444	J. St Clair	1,408.00
6/24/2022	141059	TR15-R-HB-44250-42902	B. Taylor	2,019.00
6/24/2022	141060	TR15-R-HB-46317-44944	L. Tran	4,449.00
6/24/2022	141058	TR15-R-HB-46411-45049	H. Tang	5,073.00
6/24/2022	141049	TR15-R-HB-46503-45143	L. Owens	738.00
6/24/2022	141048	TR15-R-IRWD-46172-44806	T. Morgan	1,540.00
6/24/2022	141042	TR15-R-IRWD-46378-45015	D. Hua	3,605.00
6/24/2022	141057	TR15-R-IRWD-46490-45130	L. Tam	3,855.00
6/24/2022	141043	TR15-R-MESA-42755-41433	A. Kayyal	4,827.00
6/24/2022	141064	TR15-R-MESA-43082-41732	L. Young	2,172.00
6/24/2022	141047	TR15-R-MNT-46707-45339	S. Mire	720.00
6/24/2022	141050	TR15-R-SM-46385-45022	E. Paoletti	4,065.00
6/24/2022	141039	TR15-R-TC-46578-45233	R. Brent	2,580.00
6/24/2022	141041	TR15-R-TUST-46213-44838	B. Coats	2,913.00
6/24/2022	141046	TR15-R-TUST-46393-45031	B. Mermilliod	4,815.00
6/24/2022	141062	TR15-R-YLWD-44469-43115	J. Wang	6,153.00
<b>***Total***</b>				<b>261,511.00</b>
<b>US Bank</b>				
6/30/2022	141077	6066-MAY22	4/23/22-5/23/22 Cal Card Charges	4,331.75
<b>***Total***</b>				<b>4,331.75</b>

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the Month of June 2022**

<b>Name/ Date</b>	<b>Check/ EFT</b>	<b>Invoice</b>	<b>Description</b>	<b>Amount</b>
<b>Verizon Wireless</b>				
6/02/2022	141004	9907234148	May 2022 4G Mobile broadband unlimited service	76.02
<b>***Total***</b>				<b>76.02</b>
<b>Total Other Funds Disbursements</b>				<b>18,009,842.01</b>
<b>Total Disbursements</b>				<b>18,604,576.41</b>



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

**Cal Card Charges**  
**Statement Date: May 23, 2022**  
**Payment Date: June 30, 2022**

Date	Description	Amount
<b>R. Hunter Card:</b>		
4/28/2022	CALWep Peer to Peer conference in Sacramento, CA from May 31 to June 2, 2022 - Registration for J. Berg & S. Fetter	515.00 <sup>2</sup>
5/04/2022	CSDA Legislative Days in Sacramento, CA from May 17-18, 2022 - Airfare for H. Baez	330.96
5/05/2022	ACWA Spring Conference In Sacramento, CA from May 3-5, 2022 - Accommodations for H. Baez, M. Baum Haley, H. De La Torre, Director Nederhood and Director McVicker	3,125.64
5/05/2022	Final payment for MWDOC Custom Word Webinar on April 12, 2022 - Registration for T. Dubuque, K. Davanaugh, P. Francisco, M. Goldsby, C. Hernandez, L. Frazier, and M. DeCasas	500.00
5/06/2022	Suisun Marsh book for Director Tamaribuchi	40.01
5/06/2022	ACWA Spring Conference from May 3-5, 2022 in Sacramento, CA - Accommodations for Director Seckel	763.41
5/09/2022	CALWep Peer to Peer in Sacramento, CA from May 31 to June 2, 2022 - Airfare for J. Berg and S. Fetter	571.90 <sup>1</sup>
5/18/2022	CSDA Legislative Days in Sacramento, CA from May 17-18, 2022 - Accommodations for H. Baez	611.18
<b>Total:</b>		<b>6,458.10</b>
<b>C. Harris Card:</b>		
4/24/2022	3/25/22-4/24/22 Web hosting service for MWDOC website	15.65
4/25/2022	2021 Use tax on purchases	72.35
4/27/2022	Replacement keyboard and mouse for staff and USB extension cables	141.42
4/27/2022	Exchange Server Certificate two year renewal from GoDaddy	499.98
4/28/2022	Administrative Professional Day gift cards for L. Frazier and C. Hernandez	100.00
4/28/2022	Administrative Professional Day gift cards for M. DeCasas, M. Goldsby, P. Francisco, K. Davanaugh, and T. Dubuque	250.00
4/28/2022	Water Loss Control Shared Services Truck tire replacement	372.80
4/29/2022	Online Dog Bite Prevention training for Water Loss Control Shared Services Technicians and Interns	196.00
5/02/2022	Five year anniversary gift card for C. Lingad	25.00
5/02/2022	Breakfast and lunch for two day Leak Detection Equipment Training for Member Agency staff on May 2 and May 3, 2022	1,586.64
5/03/2022	Five sets of wired earbuds and one set of wireless earbuds for staff	134.58
5/04/2022	International Personnel Management Association membership renewal for C. Harris	156.00
5/11/2022	Water Use Efficiency Analyst I / II job posting with WaterDistrictJobs.com	145.00
5/11/2022	Water Use Efficiency Analyst I/II job posting with Brown and Caldwell	200.00
5/13/2022	Five wireless keyboard and mouse combo sets for staff and cover for iPad in conference room 101	322.91
5/13/2022	Laptop docking station for Director of HR & Admin and wireless earbuds for staff	146.78
<b>Total:</b>		<b>4,365.11</b>

**Cal Card Charges**  
**Statement Date: May 23, 2022**  
**Payment Date: June 30, 2022**

<b>Date</b>	<b>Description</b>	<b>Amount</b>
<b>Public Affairs Card:</b>		
4/22/2022	Partner lunch for Streams of Hope Campaign with Wyland Foundation staff members	173.44
5/02/2022	5/2/22-6/1/22 Zoom Video Communications monthly fee with audio licenses	174.93
5/03/2022	May 2022 Public Storage Unit for Public Affairs	360.00
5/03/2022	LastPass Password Security annual renewal	96.00
5/19/2022	Dropbox Professional subscription renewal	199.00
<b>Total:</b>		<b>1,003.37</b>

**WEROC Card:**

4/23/2022	QR Code Generator Pro annual plan for training and evaluation materials	144.11
4/30/2022	WEROC Zoom annual subscription renewal	299.80
5/05/2022	California Emergency Services Association conference from May 2-5, 2022 in San Diego, CA - Accommodations for J. Schunk and D. Harrison	852.82
5/06/2022	Class Marker Professional annual plan	198.00
5/20/2022	Pre-purchase of usable minutes for the three satellite phones for WEROC EOCs	2,837.02
<b>Total:</b>		<b>4,331.75</b>

<sup>1</sup> Received airline credit and partial refund for J. Berg's cancelled flight.

<sup>2</sup> \$250 Refund check received July 6, 2022 for J. Berg's registration.



# Item 1d

## Municipal Water District of Orange County GM Approved Disbursement Report (1) For the Month of June 2022

Name/ Date	Check/ EFT	Invoice	Description	Amount
<b>Core Disbursements:</b>				
<b>Optima RPM Inc</b>				
6/07/2022	EFT	5000472	Partial 5% Retention on Construction services for MWDOC office seismic Improvements and remodel	81,241.33
6/07/2022	EFT	5000473	Final 5% Retention on Construction services for MWDOC office seismic Improvements and remodel	22,700.00
<b>***Total***</b>				<b>103,941.33</b>
<b>Petra Sosa</b>				
6/15/2022	141011	34	Retirement lunch for Water Use Efficiency Program Supervisor	430.00
<b>***Total***</b>				<b>430.00</b>
<b>The Centre for Organization Effectiveness</b>				
6/24/2022	141069	TCFOE3802	Foundation in Excellence training from April 5-26, 2022 - Registration for S. Hung	469.00
<b>***Total***</b>				<b>469.00</b>
<b>Total Core Disbursements</b>				<b>104,840.33</b>
<b>Choice Disbursements:</b>				
<b>Total Choice Disbursements</b>				
<b>Other Funds Disbursements:</b>				
<b>Total Other Funds Disbursements</b>				
<b>Total Disbursements</b>				<b>104,840.33</b>

  
Robert J. Hunter, General Manager

  
Hilary Chumplitazi, 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**  
**Consolidated Summary of Cash and Investment**  
 May 31, 2022

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](http://www.mwdoc.com)

Megan Yoo Schneider, P.E.  
 President

Bob McVicker, P.E., D.WRE  
 Vice President

Al Nederhood  
 Director

Larry D. Dick  
 Director

Karl W. Seckel, P.E.  
 Director

Sat Tamaribuchi  
 Director

Jeffrey 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  
 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
<b>Designated Reserves</b>		
General Operations	\$3,738,505	27.40%
Grant & Project Cash Flow	1,500,000	11.00%
Election Expense	461,678	3.38%
Building Repair	436,542	3.20%
OPEB	297,147	2.18%
<b>Total Designated Reserves</b>	<b>6,433,872</b>	<b>47.16%</b>
<b>General Fund</b>	<b>\$4,455,369</b>	<b>32.66%</b>
<b>Water Fund</b>	<b>2,937,406</b>	<b>21.53%</b>
<b>Conservation Fund</b>	<b>(1,326,431)</b>	<b>(9.72%)</b>
<b>WEROC Fund</b>	<b>1,122,877</b>	<b>8.23%</b>
<b>Trustee Activities</b>	<b>18,767</b>	<b>0.14%</b>
<b>Total</b>	<b>\$13,641,860</b>	<b>100.00%</b>

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	0.82%	\$197,384	\$197,384
<b>Short-term investment</b>			
• LAIF	12.57%	2,309,759	2,309,759
• OCIP	62.50%	8,034,776	8,034,776
<b>Long-term investment</b>			
• US Government Issues	1.94%	249,909	234,055
• Corporate Bond	10.89%	1,400,032	1,303,503
• Certificates of Deposit	11.28%	1,450,000	1,433,588
<b>Total</b>	<b>100.00%</b>	<b>\$13,641,860</b>	<b>\$13,513,065</b>

The average number of days to maturity/call as of May 31, 2022 equaled 187 and the average yield to maturity is 0.904%. During the month, the District's average daily balance was \$21,723,774.74. Funds were invested in US Bank Checking Account, Negotiable Certificate of Deposits, Corporate Bonds, US Government Issues, Local Agency Investment Funds (LAIF) and Orange County Investment Pool (OCIP) during the month of May 2022.

The (\$128,795) difference between the book value and the market value on May 31, 2022 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 Chompitazi  
 Treasurer





# MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

## Portfolio Management - Portfolio Summary

May 31, 2022

5/31/2022	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Negotiable Certificate Of Deposit	1,450,000.00	1,433,588.00	1,450,000.00	10.79	648	2.440
Corporate Bond	1,400,000.00	1,303,503.00	1,400,032.06	10.41	873	1.341
US Government Issues	250,000.00	234,055.00	249,908.52	1.86	87	0.860
Local Agency Investment Funds	2,309,758.94	2,309,758.94	2,309,758.94	17.18	1	0.677
Orange County Investment Pool	8,034,775.78	8,034,775.78	8,034,775.78	59.76	1	0.618
<b>Total Investments</b>	<b>13,444,534.72</b>	<b>13,315,680.72</b>	<b>13,444,475.30</b>	<b>100.00</b>	<b>187</b>	<b>0.904</b>
<b>Cash</b>						
Cash	197,384.31	197,384.31	197,384.31		1	0.00
<b>Total Cash and Investments</b>	<b>13,641,919.03</b>	<b>13,513,065.03</b>	<b>13,641,859.61</b>		<b>187</b>	<b>0.904</b>

<b>Total Earnings</b>	<b>Month Ending May</b>	<b>Fiscal Year to Date</b>
<b>Current Year</b>	<b>13,543.69</b>	<b>123,186.22</b>
<b>Average Daily Balance</b>	<b>21,723,774.74</b>	
<b>Effective Rate of Return</b>	<b>0.904%</b>	

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 U.S. Bank. Per Resolution 2059 there are no compliance exceptions to report.

  
Robert J. Hunter, General Manager

7/7/2022  
Date

  
Hilary Chumipitazi, Treasurer

07/01/2022  
Date

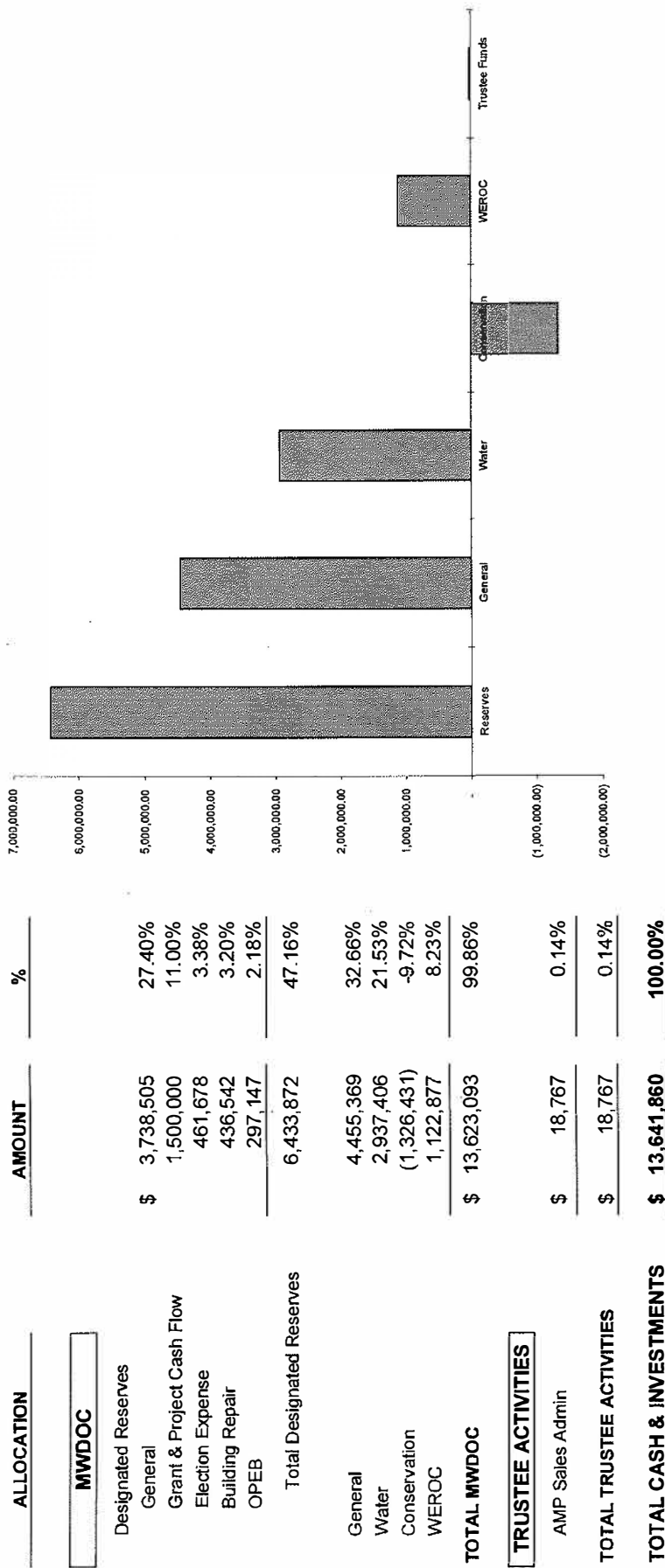
**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
**Portfolio Management**  
**Long-Term Portfolio Details - Investments**  
**May 31, 2022**

Issuer	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
<b>Negotiable Certificate Of Deposit</b>									
Barclays Bank	06740KKY2	9/27/2017	250,000.00	250,890.00	250,000.00	2.250	2.250	119	9/27/2022
Capital One Bank	14042TBQ9	8/7/2019	250,000.00	246,632.50	250,000.00	2.250	2.250	799	8/7/2024
Capital One NA	14042RMJ7	7/24/2019	250,000.00	246,472.50	250,000.00	2.200	2.200	785	7/24/2024
Discover Bank	254673RV0	7/25/2018	250,000.00	253,010.00	250,000.00	3.300	3.300	420	7/25/2023
Goldman Sachs Bank	38148PT98	8/8/2018	250,000.00	253,175.00	250,000.00	3.350	3.350	434	8/8/2023
Sallie Mae Bank	7954507A7	7/14/2021	200,000.00	183,408.00	200,000.00	1.000	1.000	1,505	7/14/2026
<b>Sub Total</b>			<b>1,450,000.00</b>	<b>1,433,568.00</b>	<b>1,450,000.00</b>	<b>2.440</b>	<b>2.440</b>	<b>648</b>	
<b>US Government Issues</b>									
FHLB	3130ALGR9	3/1/2021	250,000.00	234,055.00	249,908.52	0.850	0.860	87	2/26/2026
<b>Sub Total</b>			<b>250,000.00</b>	<b>234,055.00</b>	<b>249,908.52</b>	<b>0.850</b>	<b>0.860</b>	<b>87</b>	
<b>Corporate Bond</b>									
Bank of America Corp	06048WK41	12/7/2020	250,000.00	219,015.00	250,000.00	0.650	0.800	1,274	11/25/2025
Citigroup Global Markets	17328WFZ6	9/16/2020	250,000.00	227,920.00	250,000.00	1.000	1.000	16	9/16/2025
JP Morgan Chase	48128GV56	8/18/2020	250,000.00	228,270.00	250,000.00	0.800	0.800	810	8/18/2025
National Rural Util Coop	63743FE51	7/27/2017	200,000.00	199,350.00	200,000.00	2.500	2.500	45	7/15/2022
Societe Generale	83369MD25	8/19/2020	250,000.00	228,790.00	250,000.00	1.000	1.088	80	8/19/2025
Westpac Banking Corp	961214DQ3	7/25/2017	200,000.00	200,158.00	200,032.06	2.500	2.278	28	6/28/2022
<b>Sub Total</b>			<b>1,400,000.00</b>	<b>1,303,503.00</b>	<b>1,400,032.06</b>	<b>1.330</b>	<b>1.341</b>	<b>400</b>	
<b>Total Investments</b>			<b>3,100,000.00</b>	<b>2,971,146.00</b>	<b>3,099,940.58</b>	<b>1.810</b>	<b>1.816</b>	<b>491</b>	
<b>Total Earnings</b>									
Current Year				<b>Month Ending May</b>	<b>Fiscal Year To Date</b>				
				4,757.84	51,283.57				

**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
**Portfolio Management**  
**Short-Term Portfolio Details - Cash and Investments**  
**May 31, 2022**

Investments	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
<b>Local Agency Investment Funds</b>									
LAIF LGIP	LAIF	6/30/2010	2,309,758.94	2,309,758.94	2,309,758.94	0.677	0.677	1	N/A
<b>Sub Total</b>			<b>2,309,758.94</b>	<b>2,309,758.94</b>	<b>2,309,758.94</b>	<b>0.677</b>	<b>0.677</b>	<b>1</b>	
<b>Orange County Investment Pool</b>									
County of Orange LGIP	OCIP	6/29/2005	8,034,775.78	8,034,775.78	8,034,775.78	0.618	0.618	1	N/A
<b>Sub Total</b>			<b>8,034,775.78</b>	<b>8,034,775.78</b>	<b>8,034,775.78</b>	<b>0.618</b>	<b>0.618</b>	<b>1</b>	
<b>Total Investments</b>			<b>10,344,534.72</b>	<b>10,344,534.72</b>	<b>10,344,534.72</b>	<b>0.631</b>	<b>0.631</b>		
<b>Cash</b>									
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	196,884.31	196,884.31	196,884.31	0.000	0.000	1	N/A
<b>Total Cash</b>			<b>197,384.31</b>	<b>197,384.31</b>	<b>197,384.31</b>	<b>0.000</b>	<b>0.000</b>	<b>1</b>	
<b>Total Cash and Investments</b>			<b>10,541,919.03</b>	<b>10,541,919.03</b>	<b>10,541,919.03</b>	<b>0.631</b>	<b>0.631</b>	<b>1</b>	
<b>Total Earnings</b>									
Current Year			8,785.85		Fiscal Year To Date				71,902.65

**Municipal Water District of Orange County  
Cash and Investments at May 31, 2022**





MUNICIPAL WATER DIST OF ORANGE COUNTY  
PARS Post-Employment Benefits TrustAccount Report for the Period  
5/1/2022 to 5/31/2022Hilary Chumpitazi  
Accounting Manager  
Municipal Water Dist of Orange County  
18700 Ward Street  
Fountain Valley, CA 92708

## Account Summary

Source	Balance as of 5/1/2022	Contributions	Earnings	Expenses	Distributions	Transfers	Balance as of 5/31/2022
OPEB	\$2,534,555.36	\$0.00	\$7,083.53	\$1,273.10	\$0.00	\$0.00	\$2,540,365.79
PENSION	\$891,980.50	\$0.00	\$2,492.89	\$448.04	\$0.00	\$0.00	\$894,025.35
<b>Totals</b>	<b>\$3,426,535.86</b>	<b>\$0.00</b>	<b>\$9,576.42</b>	<b>\$1,721.14</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$3,434,391.14</b>

## 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	0.28%	-5.47%	-7.09%	6.62%	5.94%	6.87%	10/26/2011
PENSION	0.28%	-5.47%	-7.12%	6.60%	-	-	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

Item 2

**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
COMBINED FINANCIAL STATEMENTS  
AND  
BUDGET COMPARATIVE  
JULY 1, 2021 THRU MAY 31, 2022**

**Municipal Water District of Orange County  
Combined Balance Sheet  
As of May 31, 2022**

	<u><b>Amount</b></u>
<b><u>ASSETS</u></b>	
Cash in Bank	197,384.31
Investments	13,444,475.30
Accounts Receivable	34,131,297.83
Accounts Receivable - Other	834,086.80
Accrued Interest Receivable	36,396.31
Prepays/Deposits	273,695.18
Leasehold Improvements	6,059,805.67
Furniture, Fixtures & Equipment	780,261.60
Less: Accumulated Depreciation	<u>(3,547,155.10)</u>
<b>TOTAL ASSETS</b>	<b><u>52,210,247.90</u></b>
<b><u>LIABILITIES AND FUND BALANCES</u></b>	
<b><u>LIABILITIES</u></b>	
Accounts Payable	34,575,680.04
Accrued Salaries and Benefits Payable	730,729.52
Other Liabilities	2,921,535.79
Unearned Revenue	<u>443,410.26</u>
<b>TOTAL LIABILITIES</b>	<b><u>38,671,355.61</u></b>
<b><u>FUND BALANCES</u></b>	
<b><u>Restricted Fund Balances</u></b>	
Water Fund - T2C	<u>1,036,919.10</u>
Total Restricted Fund Balances	<u>1,036,919.10</u>
<b><u>Unrestricted Fund Balances</u></b>	
<b><u>Designated Reserves</u></b>	
General Operations	3,738,505.00
Grant & Project Cash Flow	1,500,000.00
Election Expense	461,678.00
Building Repair	436,542.00
OPEB	<u>297,147.00</u>
Total Designated Reserves	<u>6,433,872.00</u>
General Fund	5,028,867.71
General Fund Capital	373,228.00
WEROC Capital	145,193.58
WEROC	<u>246,196.60</u>
Total Unrestricted Fund Balances	<u>12,227,357.89</u>
<b><u>Excess Revenue over Expenditure</u></b>	
Operating Fund	579,348.46
Other Funds	<u>(304,733.16)</u>
<b>TOTAL FUND BALANCES</b>	<b><u>13,538,892.29</u></b>
<b>TOTAL LIABILITIES AND FUND BALANCES</b>	<b><u>52,210,247.90</u></b>



**Municipal Water District of Orange County**  
**Revenues and Expenditures Budget Comparative Report**  
**General Fund**  
**July 1, 2021 thru May 31, 2022**

	<u>Month to Date</u>	<u>Year to Date</u>	<u>Annual Budget</u>	<u>% Used</u>	<u>Encumbrance</u>	<u>Budget Remaining</u>
<b>REVENUES</b>						
Retail Connection Charge	0.00	8,357,232.00	8,357,232.00	100.00%	0.00	0.00
Ground Water Customer Charge	0.00	335,385.00	335,385.00	100.00%	0.00	0.00
<b>Water Rate Revenues</b>	<b>0.00</b>	<b>8,692,617.00</b>	<b>8,692,617.00</b>	<b>100.00%</b>	<b>0.00</b>	<b>0.00</b>
Interest Revenue	13,722.67	122,844.29	220,000.00	55.84%	0.00	97,155.71
<b>Subtotal</b>	<b>13,722.67</b>	<b>8,815,461.29</b>	<b>8,912,617.00</b>	<b>98.91%</b>	<b>0.00</b>	<b>97,155.71</b>
Choice Programs	34,183.20	1,306,716.98	1,515,775.00	86.21%	0.00	209,058.02
Miscellaneous Income	2,471.81	6,057.80	3,000.00	201.93%	0.00	(3,057.80)
Revenue - Other	0.00	1,360.00	0.00	0.00%	0.00	(1,360.00)
School Contracts	6,609.71	64,663.10	120,895.00	53.49%	0.00	56,231.90
Delinquent Payment Penalty	84.79	84.79	0.00	0.00%	0.00	(84.79)
Transfer-In from Reserve	0.00	0.00	95,745.00	0.00%	0.00	95,745.00
<b>Subtotal</b>	<b>43,349.51</b>	<b>1,378,882.67</b>	<b>1,735,415.00</b>	<b>79.46%</b>	<b>0.00</b>	<b>356,532.33</b>
<b>TOTAL REVENUES</b>	<b>57,072.18</b>	<b>10,194,343.96</b>	<b>10,648,032.00</b>	<b>95.74%</b>	<b>0.00</b>	<b>453,688.04</b>

**Municipal Water District of Orange County**  
**Revenues and Expenditures Budget Comparative Report**  
**General Fund**  
**July 1, 2021 thru May 31, 2022**

	<u>Month to Date</u>	<u>Year to Date</u>	<u>Annual Budget</u>	<u>% Used</u>	<u>Encumbrance</u>	<u>Budget Remaining</u>
<b><u>EXPENSES</u></b>						
Salaries & Wages	358,254.92	3,912,164.27	4,178,542.00	93.63%	0.00	266,377.73
Salaries & Wages - Grant Recovery	0.00	(35,717.85)	(18,665.00)	(191.36)%	0.00	17,052.85
Director's Compensation	19,973.23	238,696.47	288,800.00	82.65%	0.00	50,103.53
MWD Representation	12,769.77	131,626.86	165,029.00	79.76%	0.00	33,402.14
Employee Benefits	119,746.75	1,236,550.54	1,356,730.00	91.14%	0.00	120,179.46
Employee Benefits - Grant Recovery	0.00	(8,743.97)	0.00	0.00%	0.00	8,743.97
CalPers Unfunded Liability Contribution	0.00	207,000.00	207,000.00	100.00%	0.00	0.00
Director's Benefits	9,017.17	103,069.71	161,248.00	63.92%	0.00	58,178.29
Health Insurance for Retirees	4,326.60	72,923.66	101,099.00	72.13%	0.00	28,175.34
Training Expense	1,165.00	19,442.50	52,000.00	37.39%	908.10	31,649.40
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
<b>Personnel Expenses</b>	<b>525,253.44</b>	<b>5,877,012.19</b>	<b>6,501,783.00</b>	<b>90.39%</b>	<b>908.10</b>	<b>623,862.71</b>
Engineering Expense	14,040.75	353,706.25	380,000.00	93.08%	193,742.00	(167,448.25)
Legal Expense	9,729.05	141,475.01	225,000.00	62.88%	83,524.99	0.00
Audit Expense	18,500.00	57,566.00	30,220.00	190.49%	0.00	(27,346.00)
Professional Services	111,261.07	860,039.07	1,475,640.00	58.28%	721,495.31	(105,894.38)
<b>Professional Fees</b>	<b>153,530.87</b>	<b>1,412,786.33</b>	<b>2,110,860.00</b>	<b>66.93%</b>	<b>998,762.30</b>	<b>(300,688.63)</b>
Conference - Staff	515.00	11,314.00	44,560.00	25.39%	0.00	33,246.00
Conference - Directors	0.00	8,055.00	16,845.00	47.82%	0.00	8,790.00
Travel & Accom. - Staff	4,038.40	18,562.37	69,825.00	26.58%	0.00	51,262.63
Travel & Accom. - Directors	2,644.51	5,237.47	21,250.00	24.65%	0.00	16,012.53
<b>Travel &amp; Conference</b>	<b>7,197.91</b>	<b>43,168.84</b>	<b>152,480.00</b>	<b>28.31%</b>	<b>0.00</b>	<b>109,311.16</b>
Membership/Sponsorship	156.00	129,573.27	143,041.00	90.58%	0.00	13,467.73
CDR Support	0.00	55,189.31	65,249.00	84.58%	0.00	10,059.69
<b>Dues &amp; Memberships</b>	<b>156.00</b>	<b>184,762.58</b>	<b>208,290.00</b>	<b>88.70%</b>	<b>0.00</b>	<b>23,527.42</b>
Business Expense	39.48	1,195.51	2,500.00	47.82%	0.00	1,304.49
Office Maintenance	3,596.07	96,258.38	147,400.00	65.30%	47,999.43	3,142.19
Building Repair & Maintenance	411.90	34,725.83	15,000.00	231.51%	9,798.43	(29,524.26)
Storage Rental & Equipment Lease	58.22	1,674.62	1,800.00	93.03%	125.38	0.00
Office Supplies	3,284.68	17,286.03	35,000.00	49.39%	3,505.96	14,208.01
Supplies - Water Loss Control	212.98	3,828.19	4,000.00	95.70%	0.00	171.81
Postage/Mail Delivery	765.42	9,925.83	9,243.00	107.39%	805.15	(1,487.98)
Subscriptions & Books	0.00	699.00	1,000.00	69.90%	0.00	301.00
Reproduction Expense	2,224.75	9,148.58	82,700.00	11.06%	2,046.88	71,504.54
Maintenance - Computers	745.69	5,042.32	8,000.00	63.03%	1.08	2,956.60
Software Purchase	5,495.52	59,818.96	36,040.00	165.98%	174.93	(23,953.89)
Software Support	658.15	62,447.40	48,640.00	128.39%	1,087.95	(14,895.35)
Computers and Equipment	0.00	38,201.78	23,450.00	162.91%	4,525.53	(19,277.31)
Maintenance Expense	0.00	0.00	6,000.00	0.00%	0.00	6,000.00
Automotive Expense	137.83	1,398.67	16,000.00	8.74%	0.00	14,601.33
Vehicle Expense	992.50	4,473.12	5,800.00	77.12%	0.00	1,326.88
Toll Road Charges	0.00	287.06	1,250.00	22.96%	0.00	962.94
Insurance Expense	13,097.04	138,279.19	130,000.00	106.37%	0.00	(8,279.19)
Utilities - Telephone	4,402.33	33,740.79	42,840.00	78.76%	114.03	8,985.18
Bank Fees	0.00	2,339.61	3,200.00	73.11%	0.00	860.39
Miscellaneous Expense	3,857.42	44,703.13	85,181.00	52.48%	790.96	39,686.91
MWDOC's Contrb. to WEROC	21,695.50	238,650.50	260,346.00	91.67%	0.00	21,695.50
Depreciation Expense	5,860.67	64,466.87	0.00	0.00%	0.00	(64,466.87)
<b>Other Expenses</b>	<b>67,536.15</b>	<b>868,591.37</b>	<b>965,390.00</b>	<b>89.97%</b>	<b>70,975.71</b>	<b>25,822.92</b>
Capital Aquisition	761.25	271,068.61	267,256.00	101.43%	98,847.13	(102,659.74)
Building Expense	1,335.00	957,605.58	441,973.00	216.67%	35,188.76	(550,821.34)
<b>TOTAL EXPENSES</b>	<b>755,770.62</b>	<b>9,614,995.50</b>	<b>10,648,032.00</b>	<b>90.30%</b>	<b>1,204,682.00</b>	<b>(171,645.50)</b>
<b>NET INCOME (LOSS)</b>	<b>(698,698.44)</b>	<b>579,348.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>(1,204,682.00)</b>	<b>625,333.54</b>

**Municipal Water District of Orange County**  
**Revenues and Expenditures Budget Comparative Report**  
**Water Fund**  
**July 1, 2021 thru May 31, 2022**

	<u>Month to Date</u>	<u>Year to Date</u>	<u>Annual Budget</u>	<u>% Used</u>	<u>Budget Remaining</u>
<b><u>WATER REVENUES</u></b>					
Water Sales	14,739,076.00	164,081,240.40	155,126,337.00	105.77%	(8,954,903.40)
Readiness to Serve Charge	1,002,618.60	10,714,309.92	11,142,354.00	96.16%	428,044.08
Capacity Charge CCF	420,949.50	4,585,941.16	4,732,610.00	96.90%	146,668.84
SCP/SAC Pipeline Surcharge	29,030.77	312,805.40	315,000.00	99.30%	2,194.60
Interest Revenue	514.93	3,692.27	10,500.00	35.16%	6,807.73
<b>TOTAL WATER REVENUES</b>	<b>16,192,189.80</b>	<b>179,697,989.15</b>	<b>171,326,801.00</b>	<b>104.89%</b>	<b>(8,371,188.15)</b>
<b><u>WATER PURCHASES</u></b>					
Water Sales	14,739,076.00	164,081,240.40	155,126,337.00	105.77%	(8,954,903.40)
Readiness to Serve Charge	997,943.75	10,709,635.07	11,142,354.00	96.12%	432,718.93
Capacity Charge CCF	425,624.35	4,590,616.01	4,732,610.00	97.00%	141,993.99
SCP/SAC Pipeline Surcharge	29,030.77	312,805.40	315,000.00	99.30%	2,194.60
<b>TOTAL WATER PURCHASES</b>	<b>16,191,674.87</b>	<b>179,694,296.88</b>	<b>171,316,301.00</b>	<b>104.89%</b>	<b>(8,377,995.88)</b>
<b>EXCESS OF REVENUE OVER EXPENDITURE</b>	<b>514.93</b>	<b>3,692.27</b>	<b>10,500.00</b>	<b>35.16%</b>	<b>6,807.73</b>

**Municipal Water District of Orange County  
Revenues and Expenditures Budget Comparative Report  
Water Use Efficiency  
July 1, 2021 thru May 31, 2022**

	<u>Year to Date Actual</u>	<u>Annual Budget</u>	<u>% Used</u>
<b>Spray To Drip Conversion</b>			
Revenues	165,104.35	117,480.00	140.54%
Expenses	241,914.26	117,480.00	205.92%
Excess of Revenues over Expenditures	(76,809.91)	0.00	
<b>Member Agency Administered Pass-Thru</b>			
Revenues	133,326.30	573,201.00	23.26%
Expenses	115,836.30	573,201.00	20.21%
Excess of Revenues over Expenditures	17,490.00	0.00	
<b>ULFT Rebate Program</b>			
Revenues	350.00	2,000.00	17.50%
Expenses	410.00	2,000.00	20.50%
Excess of Revenues over Expenditures	(60.00)	0.00	
<b>HECW Rebate Program</b>			
Revenues	56,126.29	84,300.00	66.58%
Expenses	55,845.00	84,300.00	66.25%
Excess of Revenues over Expenditures	281.29	0.00	
<b>CII Rebate Program</b>			
Revenues	1,400.00	6,500.00	21.54%
Expenses	1,400.00	6,500.00	21.54%
Excess of Revenues over Expenditures	0.00	0.00	
<b>Turf Removal Program</b>			
Revenues	1,887,199.80	993,924.00	189.87%
Expenses	2,068,735.39	993,924.00	208.14%
Excess of Revenues over Expenditures	(181,535.59)	0.00	
<b>Comprehensive Landscape (CLWUE)</b>			
Revenues	279,377.20	303,100.00	92.17%
Expenses	297,680.73	303,100.00	98.21%
Excess of Revenues over Expenditures	(18,303.53)	0.00	
<b>Recycled Water Program</b>			
Revenues	13,406.25	40,000.00	33.52%
Expenses	13,406.25	40,000.00	33.52%
Excess of Revenues over Expenditures	0.00	0.00	
<b>WSIP - Industrial Program</b>			
Revenues	0.00	45,000.00	0.00%
Expenses	0.00	45,000.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
<b>Land Design Program</b>			
Revenues	270,888.00	297,330.00	91.11%
Expenses	270,888.00	297,330.00	91.11%
Excess of Revenues over Expenditures	0.00	0.00	
<b>Pressure Regulation Program</b>			
Revenues	5,555.00	66,919.00	8.30%
Expenses	23,045.00	66,919.00	34.44%
Excess of Revenues over Expenditures	(17,490.00)	0.00	
<b>Smart Water Monitoring Devices(Flume)</b>			
Revenues	65,615.48	89,000.00	73.73%
Expenses	65,615.48	89,000.00	73.73%
Excess of Revenues over Expenditures	0.00	0.00	
<b>Dedicated Irrigation Meters Measurement Project (DIMM)</b>			
Revenues	0.00	636,202.00	0.00%
Expenses	150,606.39	636,202.00	23.67%
Excess of Revenues over Expenditures	(150,606.39)	0.00	

**Municipal Water District of Orange County  
Revenues and Expenditures Budget Comparative Report  
Water Use Efficiency  
July 1, 2021 thru May 31, 2022**

	<u>Year to Date Actual</u>	<u>Annual Budget</u>	<u>% Used</u>
<b>Total WUE Projects</b>			
Revenues	2,878,348.67	3,254,956.00	88.43%
Expenses	<u>3,305,382.80</u>	<u>3,254,956.00</u>	<u>101.55%</u>
Excess of Revenues over Expenditures	(427,034.13)	0.00	
 <b>WEROC</b>			
Revenues	498,996.50	520,692.00	95.83%
Expenses	<u>441,790.22</u>	<u>520,692.00</u>	<u>84.85%</u>
Excess of Revenues over Expenditures	57,206.28	0.00	



**DISCUSSION ITEM**

July 13, 2022

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

**FROM: Robert Hunter, General Manager**

Staff Contact: Damon Micalizzi

**SUBJECT: MWDOC Outreach Action Plan**

**STAFF RECOMMENDATION**

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Staff will provide a presentation and solicit feedback from the Committee on how to proceed with outreach efforts.

**COMMITTEE RECOMMENDATION**

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The committee recommends (To be determined at Committee Meeting)

**REPORT**

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***Background***

Environmental and political stresses impacting California's water supply reliability on the Delta and Colorado River systems suggest that we increase our engagement with various stakeholders on water supply issues affecting California. Furthermore, there is a contingent that believes that a substantial commitment to water conservation and local projects will fulfill all of our water needs in this current drought emergency. However, additional investments in imported water supply and water storage are essential to long-term reliability, particularly given increasingly volatile climate patterns.

Simply put, ***we need more water supplies***. The current drought and climate change conditions forecasted for California and the Colorado River can only be mitigated by bold action, investment in water infrastructure, and additional water supplies. Stakeholders and legislators who can help move critical projects forward must experience a sense of responsibility and urgency that result in proposed solutions.

Therefore, the purpose of this Discussion Item is to gain MWDOC Board (Board) direction and feedback on what set of specific outreach efforts are needed, more

specifically what project(s), issues, or messages we seek to focus on, and whether to consider deploying additional resources to emphasize this effort.

Below is a proposed action plan framework along with options for consideration.

### ***Action Plan for MWDOC***

MWDOC staff received a request from the Board to explore launching an outreach effort or campaign to impress upon various stakeholders, particularly policymakers and the business community, the severity of the water supply forecast. The goal is to garner engagement and support from these groups for bold action in developing supplies and securing additional storage. Among some of the imported water projects identified are the Delta Conveyance Project (DCP), Sites Reservoir, and to a lesser extent, the Voluntary Agreements. Additional Board feedback has suggested focusing on local projects such as Doheny Desalination and Metropolitan Water District of Southern California projects, including Pure Water Southern California (Carson Project).

While [MWDOC's Strategic Communications Program and Plan](#) certainly works to this end, a clear action plan to amplify messaging and outreach on these particular issues may be needed in light of the current drought we are facing. Thus, staff is soliciting feedback from the Board on this amplified approach and whether additional resources should or should not be employed for this effort, as well as a general consensus on what project(s) or topic(s) staff should engage in first.

### **Action Plan Framework & Options**

MWDOC presently develops, coordinates, and delivers a substantial number of programs, services, and outreach efforts aimed at elevating stakeholders' awareness about water issues affecting the County. The MWDOC Strategic Communications Program and Plan aligns the District's identified goals and objectives with the respective audiences and outlines the appropriate communication tools and channels used to connect them all together.

The proposed options below can be applied to issues, projects, or actions that the Board determines as timely and appropriate. For example, with the comment period opening for the Draft Environmental Impact Review (DEIR), the DCP is at a critical point in the decision-making process. Staff can use any of the options below to promote the importance of DCP and build support for the projects. The current drought and pending regulations present opportunities to highlight the need for investment in Delta Conveyance.

**Through standard communication efforts, (Option 1/Level 1)** MWDOC has utilized the attention from the media related to the drought to shine a light on the would-be benefits of a completed DCP. An example of this is the [June 13, 2022, article in the Orange County Register](#).

In addition to traditional media channels, when presented the opportunity, staff looks to amplify similar messages on the District's website, social media

channels, eCurrents Newsletter, special events such as the OC Water Summit, and MWDOC Water Policy Forum & Dinner, and the MWDOC Speakers Bureau. Metropolitan Water District of Southern California (MET) has also recently restarted its Inspection Trip Program. Staff will work closely with MWDOC/MET Directors to invite decision-makers and influencers on those trips and demonstrate the need for the DCP.

**Elevated communications (Option 2/Level 2)** seeks increased messaging on the DCP, which can include:

- DCP Media Toolkit that includes:
  - Newsletter Article
  - Social Media Posts
  - Template Comment Letters for DEIR
- Meet with Editorial Boards of Southern California News Group
- OpEds
- DCP-specific Speakers Bureau with a proposed goal of six presentations to various target groups, (Local Chambers of Commerce, Building Industry Association of Southern California, Orange County Chapter (BIA/OC), The Association of California Cities – Orange County (ACC-OC), The Leading Voice of Business, and Orange County Business Council (OCBC), etc.) by the end of the 90-day DEIR Comment Period

Placement is not guaranteed with these extended options. As an example, the Southern California News Group (SCNG) Editorial Board, to date, has been resistant to publishing certain opinion pieces and has previously been reluctant to endorse the Delta tunnels.

Should the Board choose to designate additional resources for this effort, staff can **explore (Option 3/Level 3) creating sponsored content**, such as advertorial pieces in the newspaper and television news documentaries on PBS. Such efforts **would require additional budget approvals**. Costs are dependent on a number of variables and would likely fall within a range from \$20,000 to \$250,000.

Based on the Board's feedback and direction, staff can come back with more detail on an outreach action plan for the DCP DEIR or other project(s)/issue(s).





**INFORMATION ITEM**

July 13, 2022

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

**FROM: Robert Hunter, General Manager**

Staff Contact: Harvey De La Torre, Assistant General Manager  
Hilary Chumpitazi, Accounting Manager

**SUBJECT: Reserve Fund Policy Update**

**STAFF RECOMMENDATION**

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Staff recommends the Administration & Finance Committee

**COMMITTEE RECOMMENDATION**

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Committee recommends (To be determined at Committee Meeting)

**REPORT**

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On June 17, MWDOC held its first Reserve Policy workgroup discussion with the member agency managers and the Ad Hoc Committee of MWDOC Directors (Seckel and McVicker). Attached for your review is a copy of the workgroup presentation.

Facilitated by financial consultant Brian Thomas, the workgroup focused on the purpose and use of reserves, along with a brief description of all of MWDOC's existing restricted and unrestricted reserves, including WEROC's reserves.

The workgroup also reviewed the risk and need for MWDOC to hold reserves. The risks identified ranged from emergencies and unexpected events requiring immediate funding to cash flow needs to cover the financial gap between receiving grant funding and real-time expenditures (i.e. water conservation rebates).

Mr. Thomas concluded by presenting potential changes to MWDOC reserves, such as combining certain reserves and providing more clarity in the reserve designations and purpose.

<b>Budgeted (Y/N): NA</b>	Budgeted amount: None	Core ____	Choice ____
<b>Action item amount: NA</b>		Line item:	
<b>Fiscal Impact (explain if unbudgeted):</b>			

The member agency managers' feedback included support and appreciation of the process and discussion. There was acknowledgment of the cash flow gap between grant funds and expenditures, and there was support to look at combining/bundling reserves to better mitigate risks to the District. However, there was a request to see the numbers in order to place these suggestions into context.

For the next workgroup meeting they also requested further exploration regarding risk: with more definition on the probability of risk to properly assess the need for MWDOC's reserves and its level; and the creation of a slide illustrating what risks MWDOC does not have because of its fixed meter charge.

The second workgroup is expected to be held on July 26. Mr. Thomas stated the intent of the second meeting will be to look at numbers in more detail and focus on how reserves are used and replenished. The workgroup discussion will also address the comments and questions brought up during the first workgroup meeting.

**Attachment: MWDOC Reserve Policy Discussion, Meeting #1 Presentation**

# RESERVE POLICY DISCUSSION MEETING 1



June 17, 2022

## Agenda



- ❖ Objectives
  - ❖ Discuss purpose of reserves, including risks and need for MWDOC to hold reserves
  - ❖ Determine appropriate level of reserves
  - ❖ Define and identify any remaining funds and appropriate use of funds
- ❖ Process
- ❖ Need and Purpose of Reserves
- ❖ Review Existing Policy
- ❖ Schedule

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## Process



- 💧 Meeting 1 (today) – Organization and Scoping
  - 💧 Purpose and use of reserves, including risks and need for MWDOC to hold reserves
  - 💧 Schedule
- 💧 Meeting 2 – Reserve Targets
- 💧 Meeting 3 – Use of funds, if any, in excess of reserve targets
- 💧 Finance & Administration Committee and Board review and approval of updated reserve policy

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## Why are Reserves Important?



- 💧 Financial Resilience – prepare for unexpected events
- 💧 Meeting cash flow/working capital needs such as delays in grant reimbursements
- 💧 Mitigate rate/fee increases – avoid rate “shock”
- 💧 Help fund capital projects
- 💧 “Smooth” budget for equipment and other periodic expenditures such as election expense
- 💧 Sound financial practice (e.g., “rainy day” fund)

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## Different Reserves



- 💧 **Restricted Reserves – limited by law or other covenant to specific purposes (e.g., debt service reserve)**
- 💧 **Unrestricted Reserves**
  - 💧 **Designated – reserves designated by the governing body for specific purposes**
  - 💧 **Undesignated – remaining reserves that can be used for any lawful purpose**

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## MWDOC's Existing Reserve Policy



- 💧 **Restricted Reserves**
  - 💧 **OPEB**
  - 💧 **Tier 2 Contingency**
- 💧 **Unrestricted Reserves – Designated**
  - 💧 **General Operations**
  - 💧 **Grant & Project Cash Flow**
  - 💧 **Election Expenses**
  - 💧 **Building Repair**
- 💧 **WEROC Reserves**
  - 💧 **Operational Reserve**
  - 💧 **Capital Reserve**

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## Purpose of Restricted Reserves



- 💧 **OPEB reserve funds are restricted to meeting the unfunded OPEB liability not covered by the Section 115 Trust**
- 💧 **Tier 2 Contingency Fund was established to provide funding in the event MWDOC purchased Tier 2 supplies from Metropolitan**
  - 💧 **This fund is to be liquidated in fiscal year 2022/23**
  - 💧 **Credits will be issued to each member agency to offset any increase in MWDOC's Annual Retail Service Connection and Groundwater Charges**
  - 💧 **This reserve fund will be eliminated**

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## WEROC Reserves



- 💧 **WEROC Reserves are approved by the board and WEROC contracted contributing agencies**
  - 💧 **Operational reserve is held for unforeseen expenses**
  - 💧 **Capital Reserve is used to fund improvements and enhancements to the emergency systems**

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## What About Unrestricted Reserves?



### Designated Reserves

- ⚠ General Operating Reserve funds are to be used as a source of working capital and to pay for unexpected and unplanned events (“rainy day” fund)
- ⚠ Grant & Project Cash Flow reserves are needed to ensure expenditures for grant funded projects can be made in anticipation of reimbursement from the granting authority
- ⚠ Election Expense funds are used to pay for elections every four years – this fund will rise and fall
- ⚠ Building Repair reserves are to be used for repairs and maintenance of the building – a minimum balance is provided for unexpected expenses (e.g., earthquake)

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## Unrestricted Reserves - Undesignated



- ⚠ At the end of each year, MWD OC also has undesignated cash balances
  - ⚠ General Fund balance can be used for any lawful purpose – a portion of these funds are “carryover” from unfinished projects from prior fiscal years
  - ⚠ General Fund – Capital funds are amounts carried over from prior capital projects, including the building remodel/retrofit project work and remaining amounts will be transferred to the General Fund

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## Reserve Fund Targets



- 💧 General Operations plus Grant & Project Cash Flow target is equal to 90-180 days cash on hand
- 💧 Building Repair target balance is equal to 10-15 days cash on hand
- 💧 Tier 2 Contingency Fund target balance is equal to 40 days cash on hand
- 💧 Election expense target is based on anticipated expenses
- 💧 OPEB target is based on actuarial analysis

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## Operation of Reserve Funds



- 💧 With the exception of the Tier 2 Contingency Fund, the Administrative Code is silent on how designated funds are to be used and replenished
  - 💧 In practice, designated reserve funds have been funded at the target as part of the annual budget process
  - 💧 MWD OC's charges are set to ensure reserves will be fully funded at the end of the budget year
  - 💧 In recent years, reserves have not been used during the year as sufficient revenues have been collected to meet working capital and cash flow needs

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## MWDOC Risks and Need for Reserves



- ⦿ Emergencies and other unexpected events requiring immediate funding above the budget
- ⦿ Potential for large periodic expenditures or capital projects (e.g., building rehabilitation or expansion)
- ⦿ Mismatch between grant funding and expenditures
- ⦿ Cash flow (working capital) needs for monthly expenditures
- ⦿ Interruption in revenue for water purchases due to cyber threat (e.g., a member agency is unable to pay an invoice due to a ransomware attack)
- ⦿ Rate mitigation/stabilization
- ⦿ Other?

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## Potential Changes in MWDOC Reserves



- ⦿ Combine General Operations and Grant and Project Cash Flow reserves into one General Operations Reserve to meet emergency, working capital and cash flow needs
- ⦿ Retain OPEB and Election Reserves
- ⦿ Retain Building Reserve to provide cash flow and deductible for emergency repairs
- ⦿ Retain WEROC reserves
- ⦿ General Fund amounts above designated reserves to be divided between committed and uncommitted funds
- ⦿ Other?

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## Schedule



- 💧 Meeting 2 – determine appropriate reserve levels and use/replenishment of reserves
  - 📅 Date?
- 💧 Meeting 3 – determine use of uncommitted amounts, if any
  - 📅 Date?
- 💧 Draft agenda report for Finance and Administrative Committee
  - 📅 Meeting date?
- 💧 Board consideration and action on changes to policy

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**Municipal Water District of Orange County  
General Manager Authorized Agreements  
FY 2021-2022**

DATE	ENTITY	GM AUTHORIZATION	CONTRACT AMOUNT	SUBJECT
1/3/2022	Climatec	Yes	\$5,332.30	South Perimeter Card Reader Door
8/26/2021	ACCO Engineered Systems	Yes	\$8,917.05	Needlepoint Bipolar Ionization System
9/2/2021	South Coast Water District	Yes	N/A	Agreement for Communication Telemetry Signal at CM-10
9/7/2021	City of Garden Grove	Yes	N/A	Agreement for Communication Telemetry Signal at OC-50

Item 5

**Administration Activities Report****June 3, 2022 – July 7, 2022**

Activity	Summary
<b>Administration/ Board</b>	<p>Staff worked on the following:</p> <ul style="list-style-type: none"><li>• Scheduled meetings for Rob Hunter, Harvey De La Torre and Board members.</li><li>• Assisted Rob and Harvey with various write-ups and follow-up for the Committees and Board.</li><li>• Continue to send the Water Supply Reports to the member agencies.</li><li>• Processed and reviewed agreements for appropriate Board approval and insurance requirements as well as execution following approval; conferred with staff re processes</li><li>• Conferred with legal counsel regarding District insurance requirements, and legal agreements with both Aleshire &amp; Wynder and BBK.</li><li>• Responded to two Public Records Act requests.</li><li>• Solicited availability, set-up and hosted Zoom meetings for MET &amp; MWDOC Staff.</li><li>• Solicited availability for a meeting with MET Chairwoman Gray.</li><li>• Attended several meetings regarding Phase 2 of the Facilitated Discussion project.</li><li>• Hosted the Zoom Meeting between MWDOC/MET/OCWD</li><li>• Processed agreements for Engineering &amp; Governmental Affairs</li><li>• Formatted letters for Governmental Affairs Manager</li><li>• Registered Staff and Directors for various training and conferences, made travel accommodations and handled expenses.</li><li>• Assisted with drafting and sending out the ISDOC Quarterly Luncheon invitation.</li></ul>
<b>Records Management</b>	<p>Staff worked on the following:</p> <ul style="list-style-type: none"><li>• Attended ECS Imaging Laserfiche User Group event.</li><li>• Worked with ECS Imaging and IT to schedule upgrade to Laserfiche 11.</li><li>• Continued to review incoming mail and log necessary documents into the Laserfiche system.</li><li>• Staff continues to review documents and update information in Laserfiche.</li><li>• Working on file structure in Laserfiche for all finalized building remodel documents.</li></ul>
<b>Health and Welfare Benefits</b>	<ul style="list-style-type: none"><li>• Open Enrollment information and rates for 2023 are anticipated early next month for renewals.</li><li>• Life and long-term disability insurance policies are under review for the 2023 and 2024 policy years. An update will be provided next month.</li></ul>

<b>Recruitment / Departures</b>	<ul style="list-style-type: none"> <li>• The WUE Analyst I position has been filled. Tina Fann will start on Monday, July 11th.</li> <li>• Recruitment efforts are underway for a Public Affairs Coordinator I/II, WUE Intern as well as WEROC Specialist.</li> <li>• David Bost, Water Loss Control Intern, notified us that he will be leaving the District on July 13 for a regular full-time position. Recruitment efforts to fill this position are also under way.</li> </ul>
<b>Projects/ Activities</b>	<p>Staff worked on the following:</p> <ul style="list-style-type: none"> <li>• The new Ricoh copier will be delivered and installed later this month.</li> <li>• GM Salary survey was completed.</li> <li>• A survey regarding observation of Juneteenth was conducted.</li> <li>• A survey regarding IT staffing levels was initiated with MWDOC member agencies as well as MET member agencies. Responses are currently being compiled.</li> <li>• Staff met in-person with Chuck Wagenseller, JPIA Risk Management Advisor, to review the District's insurance policies.</li> <li>• Heat Illness Prevention Training was coordinated and made available to WUE and Public Affairs staff via SDRMA/Zoom.</li> <li>• Continue to coordinate with the Director of Emergency Management on COVID-19 protocols, OSHA ETS and State guidelines.</li> <li>• Hosting of Board, Committee and Department meetings via zoom.</li> <li>• Update changes to the District Act Database and to the District Contacts in Outlook.</li> <li>• Provided assistance with WACO on the following items: Meetings via Zoom, PowerPoint presentations and various correspondence.</li> <li>• Obtained quotes for plant service and secured vendor.</li> <li>• Furniture items that were on back order and to be replaced is scheduled for delivery on July 27<sup>th</sup>.</li> <li>• Annual Performance Evaluations</li> <li>• Coordinated with Public Affairs Department on Public Affairs Department structure and titles and revised Public Affairs Coordinator job description.</li> <li>• Provided Pension and Deferred Compensation Plan Documents to Legal Counsel for review and possible amendments. It was determined that no updates based on mandated changes or laws are required at this time; and staff was advised that the Plan documents be reviewed again for any necessary changes before December 31, 2024.</li> <li>• Staff participated in Water Use Efficiency Analyst interviews.</li> </ul>



	<ul style="list-style-type: none"><li>• On June 9<sup>th</sup>, Heather Baez and Melissa Haley graduated from Cal State Fullerton's Leadership Academy.</li><li>• Participated in the WEROC Logistics Workshop on June 22 at Moulton Niguel Water District.</li></ul>
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## INFORMATION ITEM

July 13, 2022

**TO:** Administration & Finance Committee  
(K. Seckel (Chair), J. Thomas, L. Dick)

**FROM:** Robert J. Hunter, General Manager

Staff Contact: Steven Hung

**SUBJECT:** Finance and IT Pending Items Report

### **SUMMARY**

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The following list details the status of special projects that are in-progress or to be completed during FY 2021-22.

### **Finance**

Description	% of Completion	Estimated Completion date	Status
Further Implementation of WUE Landscape Programs Databases and Web Site.	On-going	On-going	In Progress
2022 W-9 collection for conservation rebates. Currently holding 3 rebate checks awaiting a W-9 form.	On-going	On-going	On-going
Transparent California report submittal	100%	06-22-2022	Completed
Prepare RFP for new Financial Consultant	25%	N/A	On Hold
Annual Financial Audit	25%	09/16/2022	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

Batteries replacement for UPS	<b>100%</b>	09-30-2022	Completed
Replace End-Of-Life Cisco Voice Gateway router (hardware and software)	<b>30%</b>	03-31-2023	In Progress
Upgrade backbone Gigabit network switch (hardware)	<b>30%</b>	03-31-2023	In Progress
Software and hardware upgrade for Hyper-V Virtual Server	<b>70%</b>	09-30-2022	In Progress

## **FY 2021-22 Completed Special Tasks**

<b>Description</b>	<b>% of Completion</b>	<b>Completion date</b>	<b>Status</b>
<b><u>Finance</u></b>			
Preparation of documents for FY2021-22 revised budget.	<b>100%</b>	10-31-2021	Completed
Annual audit of our financial statements. Final audit week of Sept 13 <sup>th</sup> .	<b>100%</b>	11-04-2021	Completed
Prepare Annual Financials	<b>100%</b>	11-02-2021	Completed
State Controller Report preparation FY 2020-21	<b>100%</b>	03-17-2022	Completed
Government Compensation in California FY 2020-21	<b>100%</b>	04-11-2022	Completed
Preparation of documents for FY 2022-23 budget process.	<b>100%</b>	04-30-2022	Completed
RFP for new Annual Financial Statement Auditors	<b>100%</b>	04-20-2022	Completed
<b><u>Information Technology</u></b>			
Upgrade 2 IT laptops for check-out	<b>100%</b>	12-31-2021	Completed
Upgrade Conference room 101 and 102 with new Audio/Video equipment.	<b>100%</b>	10-31-2021	Completed
Replace 10 computers and monitors for Staff	<b>100%</b>	12-31-2021	Completed
Exchange E-mail Online Migration for the District	<b>100%</b>	03-31-2022	Completed
Critical Security Controls Review by Tevora	<b>100%</b>	03-31-2022	Completed





INFORMATION ITEM

July 13, 2022

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

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 May.**
- Estimated OC Water Usage, Monthly, Comparison to Previous Years Water usage in May **2022 was above average compared to the last 5 years.** We are projecting a decrease in overall water usage compared to FY 2020-21. On July 8<sup>th</sup> 2021, state officials have ask California residents to voluntary reduce their water usage by 15% compared to 2020 levels.
- Historical OC Water Consumption Orange County M & I water consumption is **projected** to be **540,500 AF in FY 2021-22** (this includes ~11 TAF of agricultural usage and non-retail water agency usage). This is about **19,500 AF less than FY 2020-21** and is about **7,500 AF more than FY 2019-20**. Water usage per person is projected to be slightly lower in **FY 2021-22 for Orange County at 153 gallons per day** (This includes recycled water usage). 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

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):			

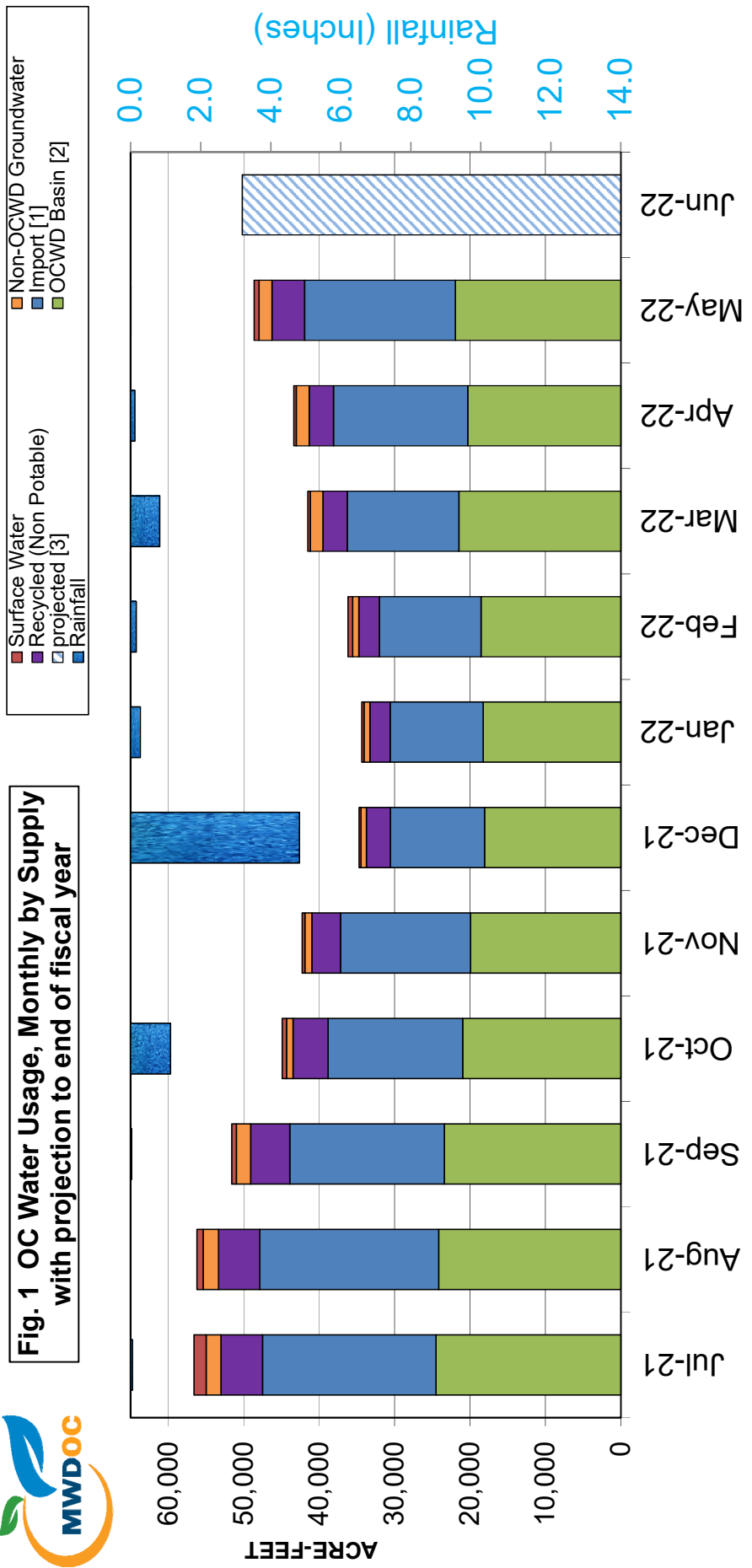
Efficiency (water conservation) efforts. ***O.C. Water Usage for the period of Fiscal Years FY 2015-16 to FY 2019-20 was the lowest since the 1982-83 Fiscal Year (FY 1982-83 was the third wettest year on record). O.C. Water Usage in FY 2020-21 was the highest since FY 2010-11.***

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. 1<sup>st</sup> through Sept. 30<sup>th</sup>.

- Orange County's accumulated precipitation through ***early July was below average*** for this period. Water year to date rainfall in Orange County is ***7.43 inches***, which is ***59% of normal***.
- Northern California accumulated precipitation through ***early July was 84% of normal for this period***. Water Year 2021 was 48% of normal while water year 2020 was 63% of normal. The ***Northern California snowpack was 27% as April 1<sup>st</sup>, 2022. As of early July, 99.79%*** of California is experiencing ***moderate to severe drought conditions***. ***59.81%*** of California is experiencing ***extreme to exceptional drought conditions***. The State Water Project Contractors Table A Allocation was decreased in March to 5% for WY 2022.
- Colorado River Basin accumulated precipitation through ***early July was 97% of normal*** for this period. The ***Upper Colorado Basin snowpack was 86% of normal*** as of April 15<sup>th</sup> 2022. ***Lake Mead and Lake Powell*** combined have about ***37.0% of their average storage volume*** for this time of year and are at ***27.1% of their total capacity***. For the first time on the Colorado River, Lake Mead's ***levels have fallen below the "trigger" limit of 1,075 ft. at the end of a calendar year***. The US Bureau of Reclamation (USBR) has declared a shortage at Lake Mead, impacting Colorado River water deliveries to the Lower Basin states. Lake Mead as of early July was ***32.36' BELOW the "trigger" limit***. The USBR has declared a ***shortage on the Colorado River starting January 1<sup>st</sup> 2022. There is a 100% chance of shortage continuing in 2023, 93% in 2024, 100% in 2025 and 87% in 2026***. Lake Mead as of early July was ***2.46' BELOW the State of California "trigger" limit. There is and a 3% chance of shortage for California in 2023 (-180 TAF), 70% in 2024 (-272 TAF), 66% in 2025 (-290 TAF) and 56% in 2026 (-299 TAF).***



**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.

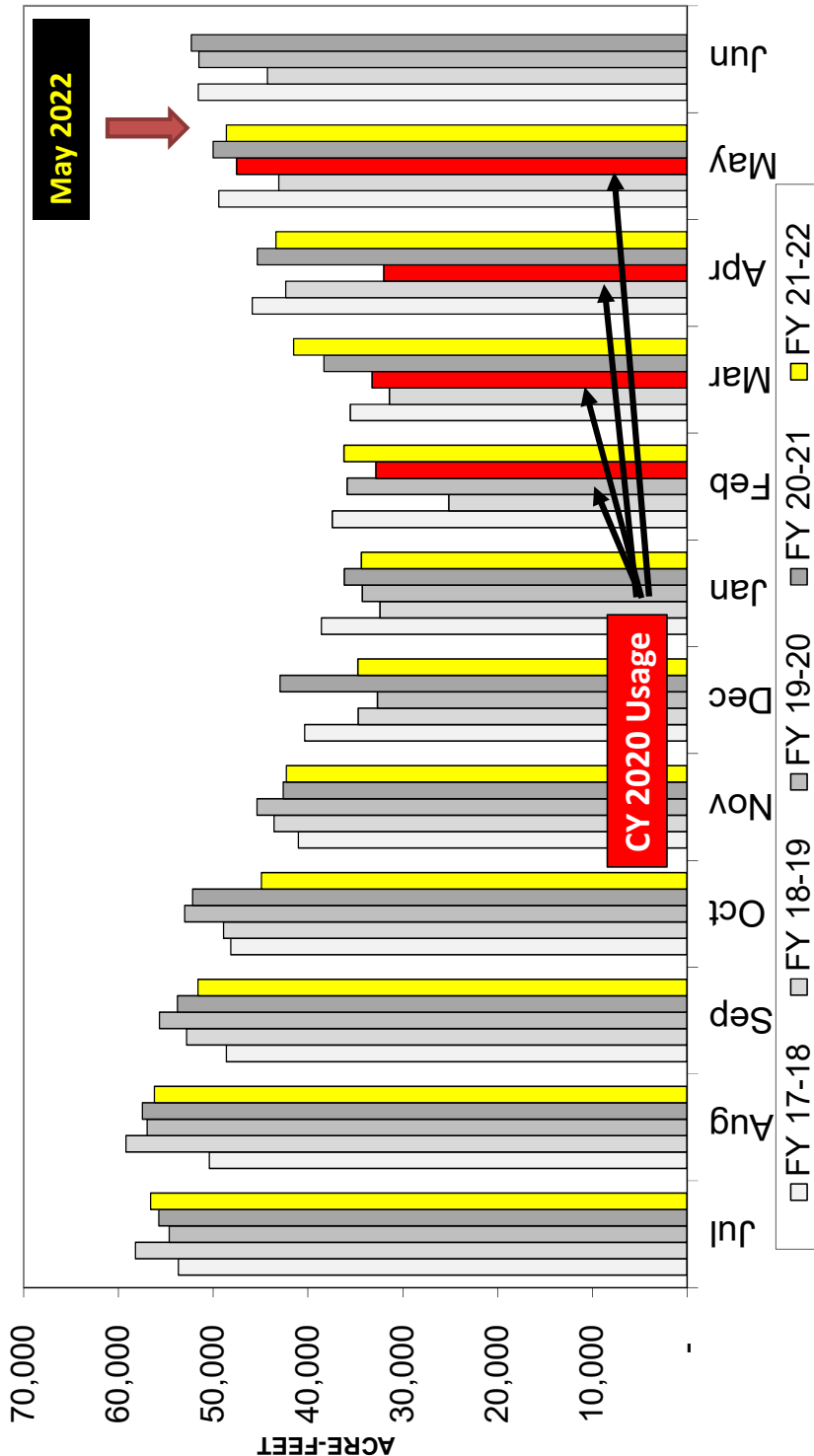
[2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '21-22 is 77%.

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

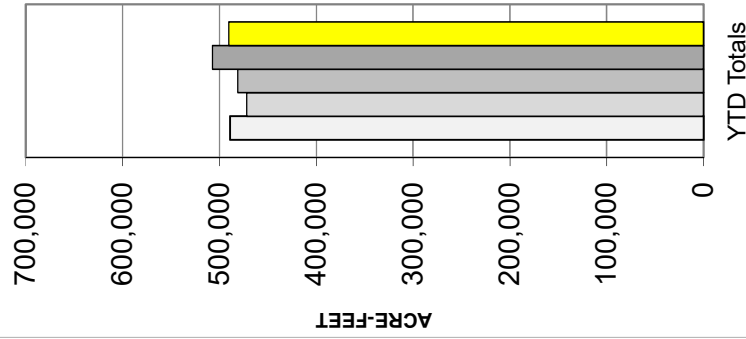
[4] Total water usage includes IRWD groundwater agricultural use and usage by non-retail water agencies.



**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.

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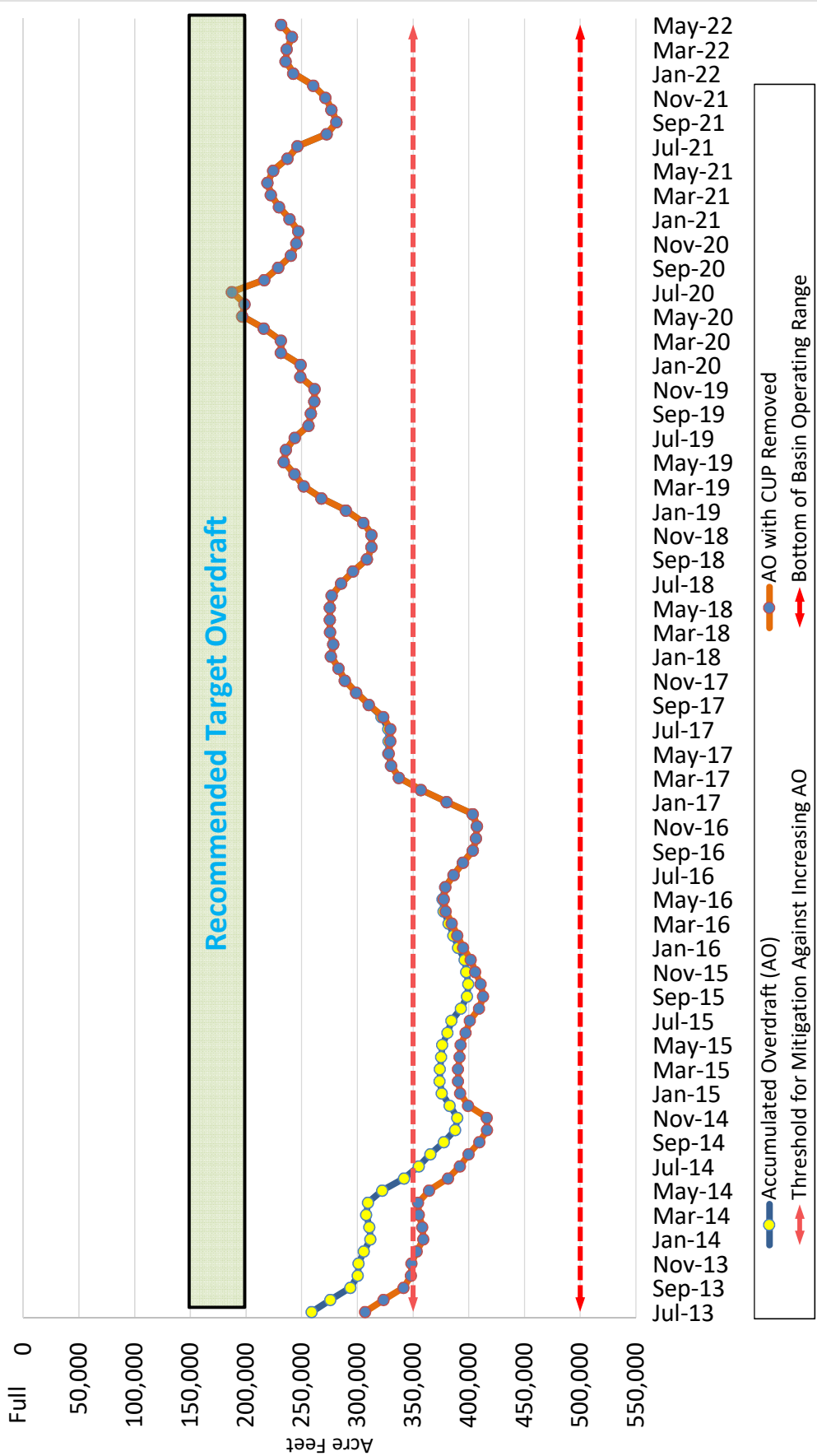
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## Accumulated Overdraft of the OCWD Groundwater Basin as of May 2022



	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
AO (AF)	187,392	216,548	229,124	240,414	245,441	246,998	239,329	229,738	222,470	219,388	224,458	237,335
AO w/CUP removed (AF)	187,392	216,548	229,124	240,414	245,441	246,998	239,329	229,738	222,470	219,388	224,458	237,335
	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
AO (AF)	246,350	272,443	281,354	276,909	271,455	260,387	242,511	235,744	236,708	241,450	231,699	
AO w/CUP removed (AF)	246,350	272,442	281,354	276,909	271,455	260,387	242,510	235,744	236,708	241,450	231,699	

\* Source ~ OCWD Monthly Board of Directors Packet, Water Resources Summary



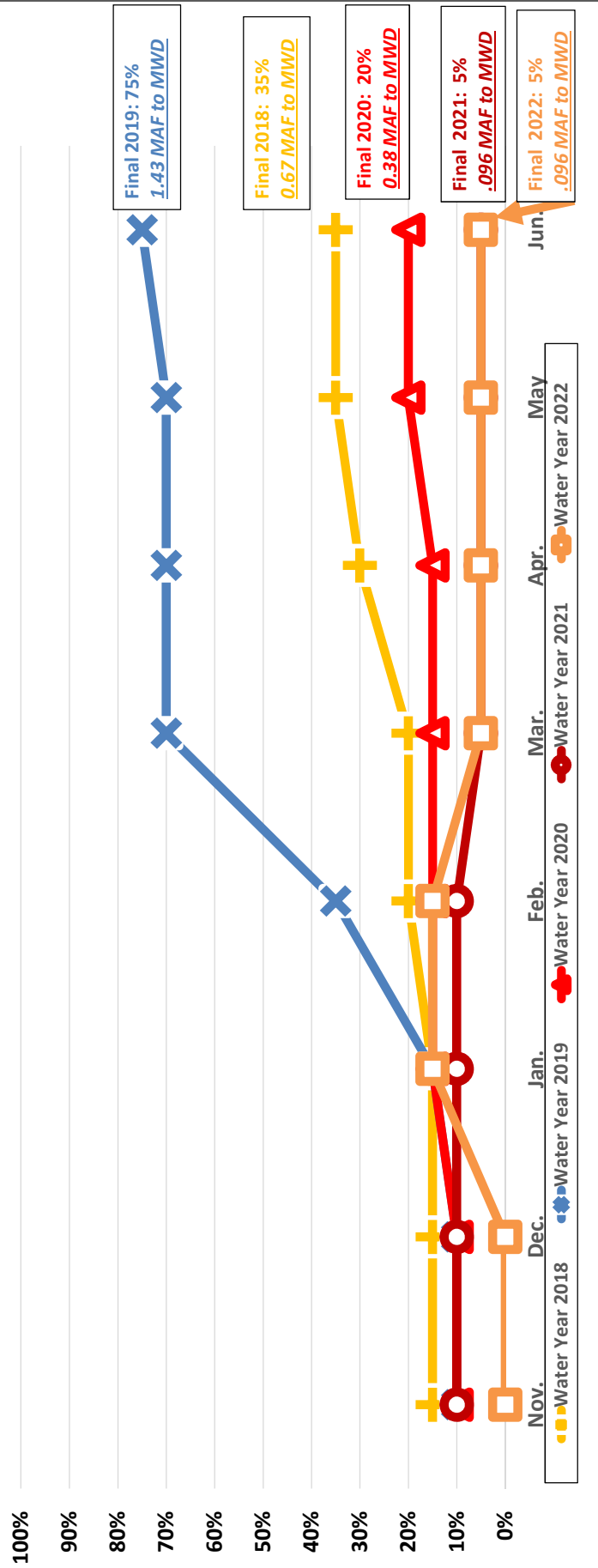
## as of July 5, 2022



\*Number are Subject to Change

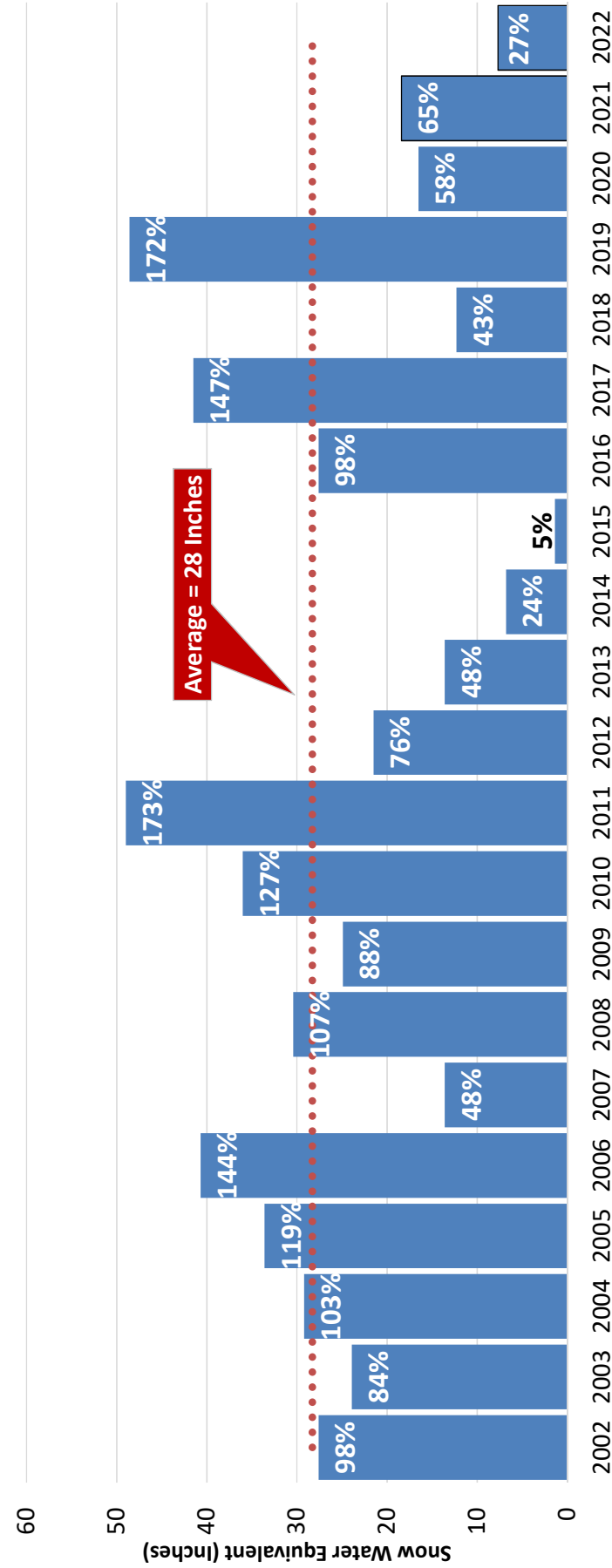
## SWP TABLE A ALLOCATION PERCENTAGE

FOR STATE WATER PROJECT CONTRACTORS

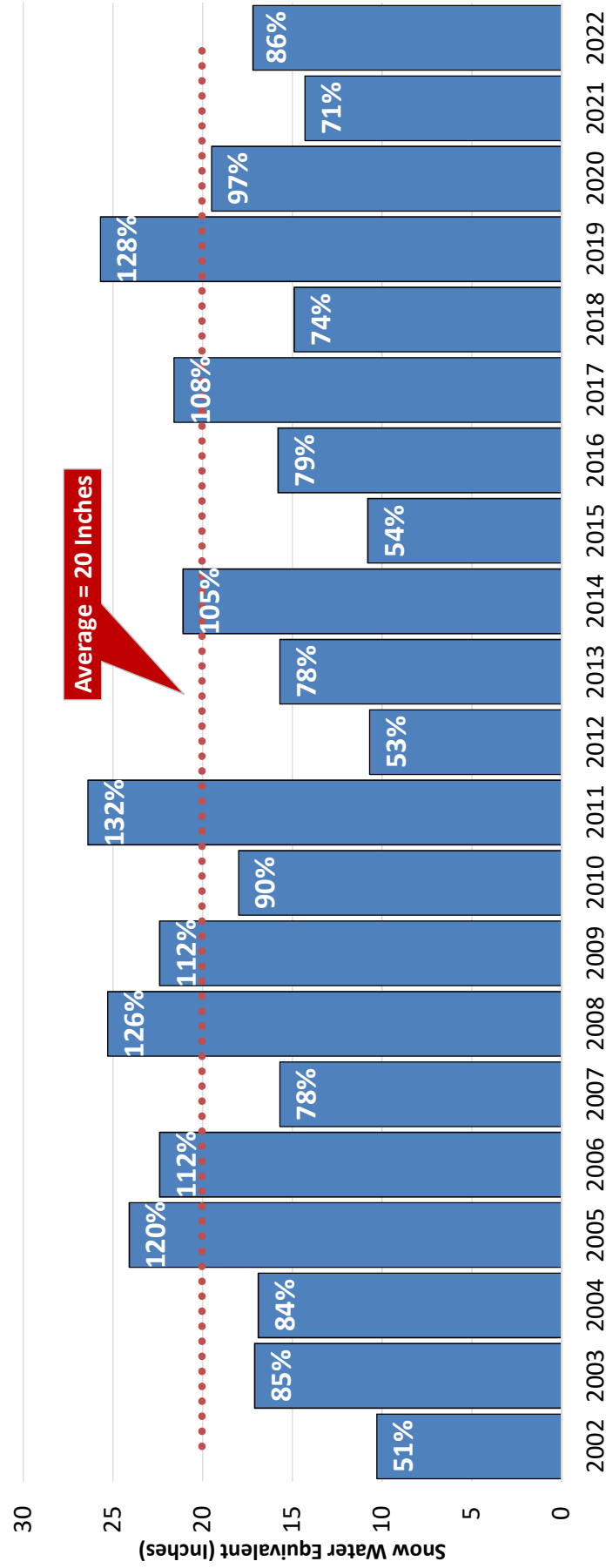




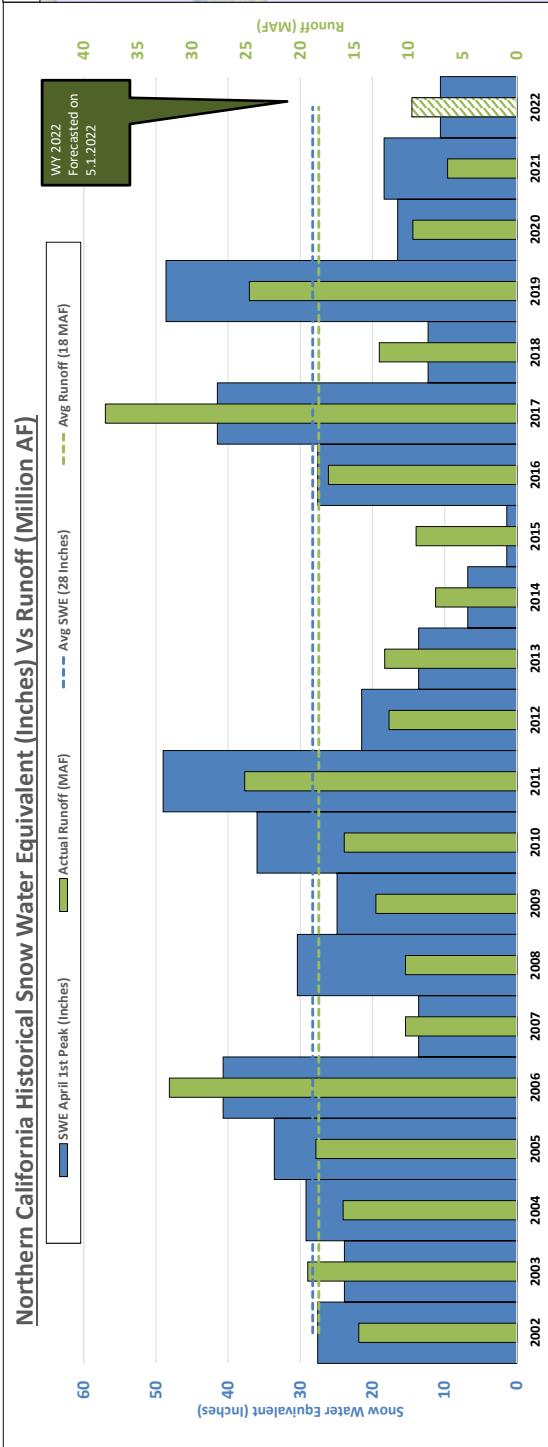
## Historical Northern California April 1st Peak Snow Water Equivalent



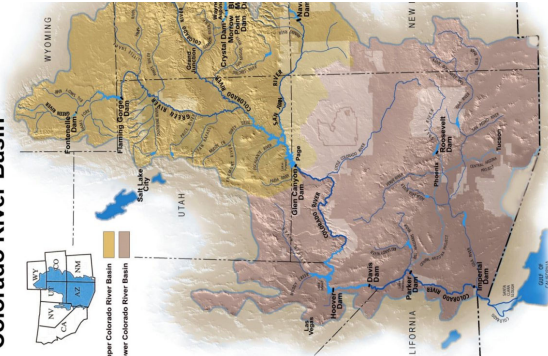
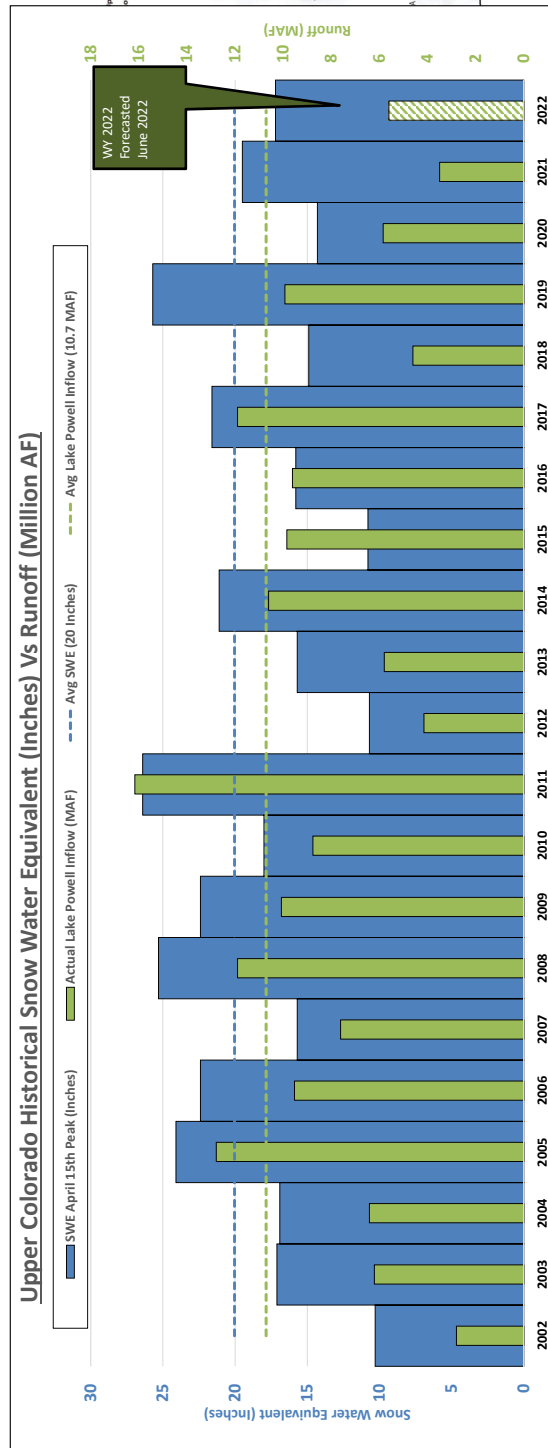
# Historical Colorado Basin April 15th Peak Snow Water Equivalent



# Sacramento River Basin

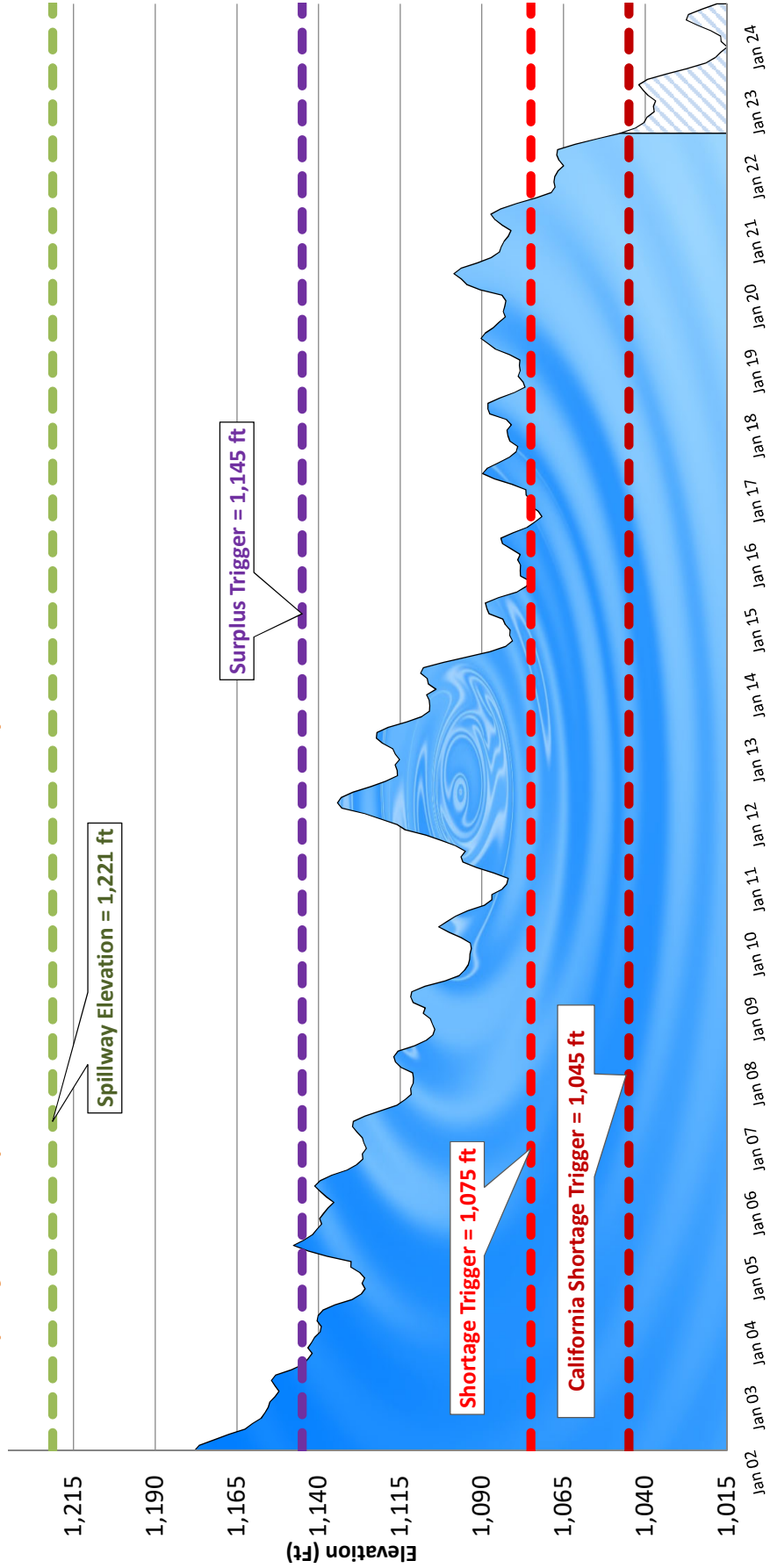


# Colorado River Basin





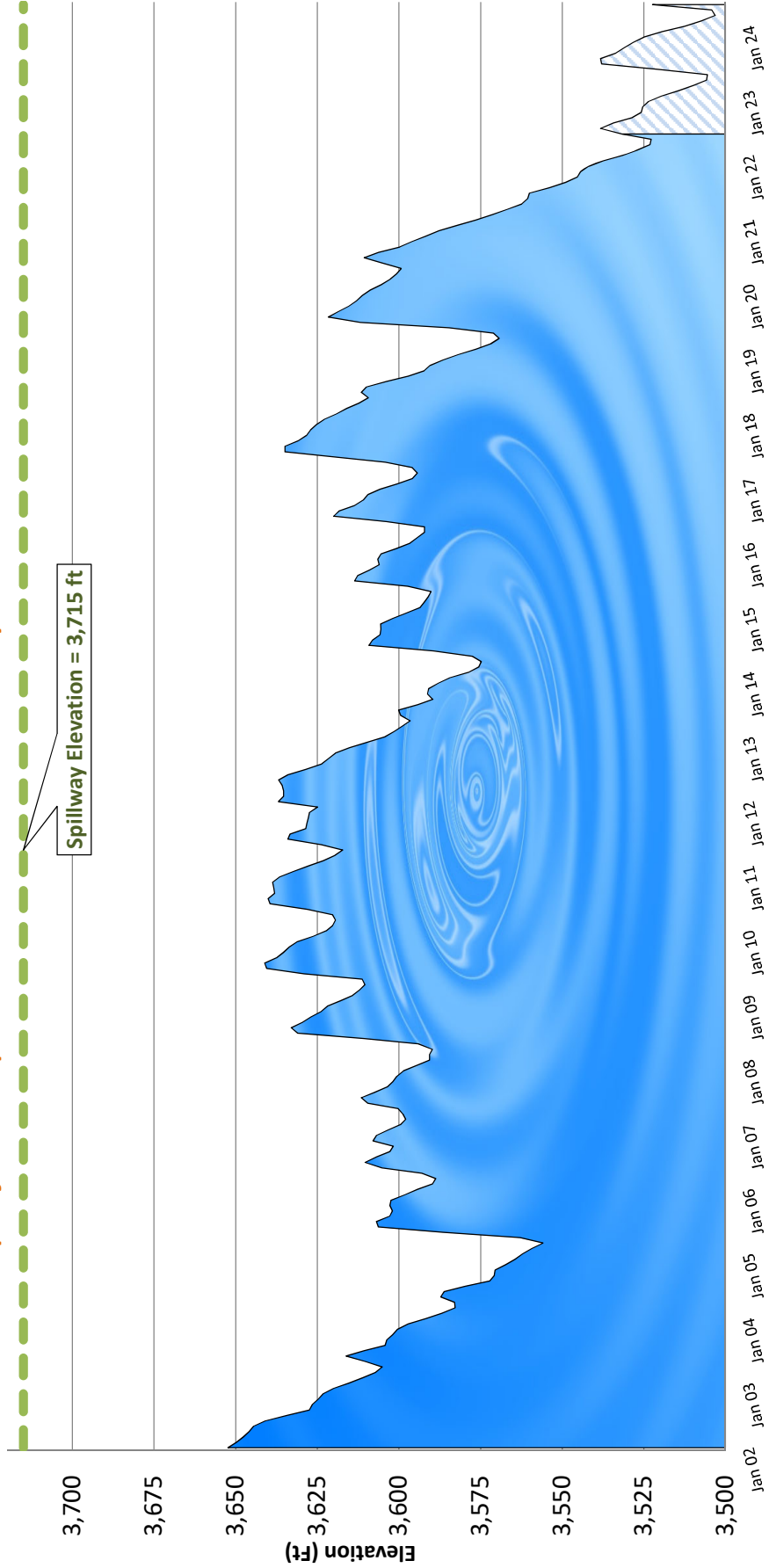
## Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study





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

■ Historical    □ Projected



## Lake Mead Historical Water Elevation Level

