

MEETING OF THE BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
ADMINISTRATION & FINANCE COMMITTEE
January 12, 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 McVicker, Chair
Director Dick
Director Thomas

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

Ex Officio Member: Director Yoo Schneider

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 – December 2021
 - b. Disbursement Approval Report for the month of January 2022

- c. Disbursement Ratification Report for the month of December 2021
 - d. GM Approved Disbursement Report for the month of December 2021
 - e. Consolidated Summary of Cash and Investment – November 2021
 - f. OPEB and Pension Trust Fund monthly statement
2. FINANCIAL REPORT - Combined Financial Statements and Budget Comparative for the Period Ending November 30, 2021

DISCUSSION ITEMS

3. FISCAL YEAR (FY) 2021-22 BUDGET YEAR-END PROJECTIONS & CONCEPTUAL FY 2022-23 BUDGET REVIEW

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

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

OTHER ITEMS

6. 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
December 2021**

WATER REVENUES

<u>Date</u>	<u>From</u>	<u>Description</u>	<u>Amount</u>
12/01/2021	City of La Habra	October 2021 Water deliveries	72,739.75
12/02/2021	City of Westminster	October 2021 Water deliveries	12,786.39
12/06/2021	City of Fountain Valley	October 2021 Water deliveries	7,073.05
12/06/2021	City of La Palma	October 2021 Water deliveries	3,988.93
12/06/2021	Serrano Water District	October 2021 Water deliveries	5,891.14
12/08/2021	South Coast Water District	October 2021 Water deliveries	450,210.43
12/10/2021	City of San Clemente	October 2021 Water deliveries	649,798.50
12/10/2021	City of Seal Beach	October 2021 Water deliveries	8,008.19
12/13/2021	City of Buena Park	October 2021 Water deliveries	317,170.80
12/13/2021	El Toro Water District	October 2021 Water deliveries	485,075.04
12/13/2021	City of Garden Grove	October 2021 Water deliveries	286,223.18
12/13/2021	City of San Juan Capistrano	October 2021 Water deliveries	545,267.38
12/13/2021	Santa Margarita Water District	October 2021 Water deliveries	1,989,667.34
12/14/2021	Laguna Beach County Water District	October 2021 Water deliveries	309,254.77
12/14/2021	City of Orange	October 2021 Water deliveries	1,311,774.91
12/14/2021	Trabuco Canyon Water District	October 2021 Water deliveries	190,268.36
12/15/2021	East Orange Co Water District	October 2021 Water deliveries	718,158.35
12/15/2021	Golden State Water Company	October 2021 Water deliveries	598,929.67
12/15/2021	Irvine Ranch Water District	October 2021 Water deliveries	1,673,805.03
12/15/2021	Moulton Niguel Water District	October 2021 Water deliveries	2,122,647.86
12/15/2021	Orange County Water District	October 2021 Water deliveries	7,517,849.83
12/15/2021	Yorba Linda Water District	October 2021 Water deliveries	1,859,895.03
12/24/2021	City of Brea	November 2021 Water deliveries	13,456.22
12/24/2021	City of San Clemente	November 2021 Water deliveries	627,875.42
12/27/2021	City of Buena Park	November 2021 Water deliveries	272,078.78
12/27/2021	City of La Palma	November 2021 Water deliveries	2,104.96
12/27/2021	City of Newport Beach	November 2021 Water deliveries	708,286.47
12/31/2021	City of Huntington Beach	November 2021 Water deliveries	247,594.72

TOTAL WATER REVENUES \$ 23,007,880.50

**Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
December 2021**

MISCELLANEOUS REVENUES

<u>Date</u>	<u>From</u>	<u>Description</u>	<u>Amount</u>
12/06/2021	Wayne Tolosa	12/2/2021 OCEMO Award Luncheon	40.00
12/06/2021	Karl Seckel	December 2021 Retiree Health insurance	241.40
12/06/2021	Patricia Meszaros	December 2021 Retiree Health insurance	40.63
12/08/2021	Lee Jacobi	Jan-Jul 2022 Retiree Health insurance	222.95
12/22/2021	Stan Sprague	January 2022 Retiree Health insurance	179.55
12/30/2021	Keith Lyon	January 2022 Retiree Health insurance	179.55
12/16/2021	Igoe and Company Inc	COBRA and Retiree Vision insurance	70.98
12/01/2021	US Bank	CAL Card rebate check	498.36
12/31/2021	US Bank	Monthly Interest	1.31
12/06/2021	AT&T	Credit for October 2021 U-Verse internet service for WEROC N. EOC	38.52
12/06/2021	Empower	Deferred compensation refund for employee	216.99
12/27/2021	ACWA	Partial refund for ACWA Fall Virtual Conference Nov. 30-Dec. 2, 2021	750.00
12/21/2021	US Bank Custodial Account	National Rural Utilities Coop Interest payment	416.67
12/09/2021	Mesa Water District	October 2021 Smartimer rebate program	140.00
12/13/2021	Irvine Ranch Water District	October 2021 Smartimer and Rotating Nozzles rebate program	140.00
12/20/2021	Laguna Beach County Water District	August 2021 Turf Removal and Spray to Drip rebate program	3,203.00
12/10/2021	City of Brea	October 2021 Turf Removal and Spray to Drip rebate program	333.00
12/20/2021	City of Fountain Valley	October 2021 Turf Removal and Spray to Drip rebate program	333.00
12/13/2021	City of Orange	October 2021 Turf Removal and Spray to Drip rebate program	777.00
12/24/2021	City of San Clemente	October 2021 Turf Removal and Spray to Drip rebate program	333.00
12/10/2021	City of Tustin	October 2021 Turf Removal and Spray to Drip rebate program	1,221.00
12/09/2021	City of Westminster	October 2021 Turf Removal rebate program	222.00
12/14/2021	Trabuco Canyon Water District	June 2021 So Cal Watersmart rebate program	85.00
12/14/2021	Laguna Beach County Water District	July 2021 So Cal Watersmart rebate program	130.00
12/13/2021	Irvine Ranch Water District	October 2021 So Cal Watersmart rebate program	165.00
12/10/2021	City of San Clemente	October 2021 So Cal Watersmart rebate program	560.00
12/27/2021	El Toro Water District	November 2021 So Cal Watersmart rebate program	460.00
12/24/2021	City of San Clemente	November 2021 So Cal Watersmart rebate program	875.00
12/13/2021	Department of Water Resources	Oct-Dec 2020 Strategic Turfgrass Removal & Design Assistance program	89,993.02
12/30/2021	Department of Water Resources	Jan-Mar 2021 Strategic Turfgrass Removal & Design Assistance program	140,646.67
12/27/2021	Santa Ana Watershed Project Authority	Partial payment for Prop 1 grant	24,302.53
12/27/2021	City of Buena Park	Water Loss Control Shared Services Year III	33,984.00
12/10/2021	City of Fullerton	Water Loss Control technical assistance - WSO, Inc. Year VI	9,893.00
12/06/2021	City of La Palma	Addition to Choice School Program FY 2021-22	51.50
12/27/2021	City of Anaheim	WEROC Funding for FY 2021-22	19,786.00
12/10/2021	City of Fullerton	WEROC Funding for FY 2021-22	19,786.00
12/13/2021	City of Santa Ana	WEROC Funding for FY 2021-22	19,786.00

TOTAL MISCELLANEOUS REVENUES	\$	370,102.63
TOTAL REVENUES	\$	23,377,983.13



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

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

Vendor/ Invoice	Description	Amount to Pay
Core Disbursements:		
ABSG Consulting Inc		
5107743	November 2021 Owner's Representative services for MWDOC office remodel	15,524.35
Total		<u>15,524.35</u>
ACCO Engineered Systems Inc		
20193596	12/1/21-2/28/22 HVAC Preventative Maintenance	1,014.00
Total		<u>1,014.00</u>
Ace Print Agency		
2884	Business cards for seven staff and directors	428.63
Total		<u>428.63</u>
Richard C Ackerman		
1322	December 2021 Legal Consulting on Water Issues	2,375.00
Total		<u>2,375.00</u>
Alison Loukeh & Associates		
WEEA 2021-03	12/20/21 and 12/21/21 Educator Workshops	6,505.00
Total		<u>6,505.00</u>
Alta FoodCraft		
12201830	1/4/22 Coffee and tea supplies	106.42
Total		<u>106.42</u>
Association of California Cities		
2794	2021-22 Membership renewal	5,000.00
Total		<u>5,000.00</u>
Best Best and Krieger LLP		
55401-NOV21	November 2021 Legal Services	11,963.59
921968	November 2021 Services for State legislative advocacy	8,000.00
Total		<u>19,963.59</u>
CDW Government		
P283209	Annual renewal licenses for Zscaler browser protection	2,978.86
Total		<u>2,978.86</u>

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

Vendor/ Invoice	Description	Amount to Pay
Commercial Door of Orange County Inc		
26038	Remove and reinstall glass door in conference room 102 for MWDOC office remodel	398.00
Total		<u>398.00</u>
El Toro Water District		
4075	2022 WEROC S.EOC Site annual lease	1,000.00
Total		<u>1,000.00</u>
Fenagh LLC		
5828-6	November 2021 Services for on-site testing and inspection of structural steel and concrete for MWDOC office remodel	160.50
Total		<u>160.50</u>
GovConnection Inc		
72275648	December 2021 Exchange Online Migration and Licenses	1,107.50
72279889	Exchange Online Migration and Licenses	3,168.37
72243503	ABPro licenses for new staff	136.00
Total		<u>4,411.87</u>
Hashtag Pinpoint Corporation		
1513	December 2021 Social Media consultation & service	7,913.00
Total		<u>7,913.00</u>
Los Angeles Design Studio-Tony Badalato		
5474	April-December 2021 Services for MWDOC website support and search engine optimization	10,800.00
Total		<u>10,800.00</u>
Lawnscape Systems Inc		
424796	August 2021 Landscape Maintenance for Atrium	495.00
Total		<u>495.00</u>
Phil Letrong		
123121	October - December 2021 Retiree medical premium	445.50
Total		<u>445.50</u>
Lewis Consulting Group		
2021-137	December 2021 Consulting services	2,250.00
Total		<u>2,250.00</u>

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

Vendor/ Invoice	Description	Amount to Pay
Keith Lyon		
123121	October-December 2021 Retiree medical premium	891.00
Total		<u>891.00</u>
Means Consulting LLC-Edward G Means III		
MWDDOC-1304	December 2021 East Orange County Feeder #2 Emergency Pilot Project Consulting Services	893.75
MWDOC-1100	December 2021 MET issues & strategic guidance to staff	750.00
Total		<u>1,643.75</u>
Mega Maids Cleaning Service		
12214	December 2021 Cleaning services for COVID-19 prevention	800.00
Total		<u>800.00</u>
Natural Resource Results LLC		
3701	December 2021 Federal legislative advocacy services	8,000.00
Total		<u>8,000.00</u>
NDS		
794398	12/2/21 Board packet delivery service	188.92
795565	12/29/21 Board packet delivery service	186.50
Total		<u>375.42</u>
New Line Fire-Jeffrey Haugh		
12082021-02	December 2021 Fire protection engineering services for MWDOC office remodel	935.00
Total		<u>935.00</u>
Office Depot Inc		
211578919001	12/3/21 Waste cans for office	67.41
215036290001	12/14/21 Office supplies	74.61
217410556001	12/16/21 Credit for trash can return	(67.41)
Total		<u>74.61</u>
Office Solutions		
I-01950960	12/21/21 Tabs for board packets	304.50
I-01952822	12/29/21 Letterhead	369.68
Total		<u>674.18</u>
Optima RPM Inc		
5000449	December 2021 Construction services for MWDOC office seismic Improvements and remodel	48,279.57
Total		<u>48,279.57</u>

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

Vendor/ Invoice	Description	Amount to Pay
Orange County Water District		
23718	November 2021 Postage, shared office and maintenance expense	4,488.90
Total		<u>4,488.90</u>
Paul Redvers Brown Inc		
DOC004	December 2021 MWDOC Facilitated Member Agency Discussions Project services	5,147.50
Total		<u>5,147.50</u>
Penn Corporate Relocation Services		
120211328	12/2/21 Relocation and installation services for MWDOC office remodel	535.00
Total		<u>535.00</u>
PeopleSpace		
INV55076	Final payment on demountable walls for MWDOC office remodel	54,796.41
INV55346	Final payment on Phase 3 furniture for MWDOC office remodel	14,265.81
INV55767	Two Desk dual Monitor Arms for MWDOC office remodel	1,198.82
Total		<u>70,261.04</u>
Soto Resources-Joey C Soto		
GA-DEC-51	December 2021 Grant Research and Acquisition	3,250.00
Total		<u>3,250.00</u>
SPS Data Communications		
122116	December 2021 Data Cables and Data jacks preparation and installation for MWDOC office remodel	1,097.50
Total		<u>1,097.50</u>
Sunbelt Controls		
53986	Release 20% retention on HVAC Building Automation & Management System for MWDOC office remodel	889.80
Total		<u>889.80</u>
Verne's Plumbing		
11280892	Install sewer cleanout and jet sewer line	4,396.65
Total		<u>4,396.65</u>
Total Core Expenditures		<u>233,509.64</u>

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

Vendor/ Invoice	Description	Amount to Pay
Choice Expenditures:		
Building Block Entertainment Inc		
3471-2	December 2021 Choice Elementary School Program K-2	975.00
Total		<u>975.00</u>
Mission RCD		
3115	December 2021 Field inspection and verification for Water Use Efficiency rebate programs	3,665.00
Total		<u>3,665.00</u>
Orange County Dept of Education		
94RI2319	Sept. - Oct. 2021 Choice School Programs for 3-12 grade	1,207.38
94RI2378	November 2021 Choice School Programs for grades 3-5	1,207.38
Total		<u>2,414.76</u>
Orange County Water District		
23718	November 2021 Postage for Water Use Efficiency rebate programs	16.12
Total		<u>16.12</u>
Total Choice Expenditures		<u>7,070.88</u>
Other Funds Expenditures:		
EcoTech Services Inc		
2143	November 2021 Landscape Design and Maintenance Assistance programs	6,746.50
Total		<u>6,746.50</u>
Herndon Solutions Group LLC		
INV-0000002178	November 2021 Services to assist with America's Water Infrastructure Act compliance	35,085.50
Total		<u>35,085.50</u>
Mission RCD		
3115	December 2021 Field inspection and verification for Water Use Efficiency rebate programs	4,343.00
Total		<u>4,343.00</u>
The Plant Nerd, Inc		
6962	December 2021 Landscape Design and Maintenance Assistance programs	21,810.00
Total		<u>21,810.00</u>

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

Vendor/ Invoice	Description	Amount to Pay
Soto Resources-Joey C Soto		
SA-DEC-52	December 2021 Grant Administration Services for Prop 1 North	288.75
Total		288.75
Total Other Funds Expenditures		68,273.75
Total Expenditures		308,854.27

**Municipal Water District of Orange County
Disbursement Ratification Report
For the Month of December 2021**

Name/ Date	Check/ EFT	Invoice	Description	Amount
Core Disbursements:				
Joseph Berg				
12/30/2021	EFT	120721	December 2021 Business expense	328.55
Total				328.55
Hilary Chumpitazi				
12/30/2021	EFT	111821	November 2021 Business expense	83.13
Total				83.13
Corodata Records Management Inc				
12/30/2021	EFT	RS4753684	November 2021 Records Storage Fees	52.25
Total				52.25
Harvey De La Torre				
12/30/2021	EFT	120221	December 2021 Business expense	461.28
Total				461.28
Leah Frazier				
12/30/2021	EFT	113021	November 2021 Business expense	58.47
12/30/2021	EFT	121521	December 2021 Business expense	90.68
Total				149.15
Lina Gunawan				
12/30/2021	EFT	91921	September 2021 Business expense	20.00
Total				20.00
Robert Hunter				
12/30/2021	EFT	102821	October 2021 Business expense	7.00
Total				7.00
Al Nederhood				
12/30/2021	EFT	113021	November 2021 Business expense	53.02
Total				53.02
Ricoh USA Inc				
12/30/2021	EFT	5063307429	9/1/21-11/30/21 Ricoh copier maintenance	533.28
Total				533.28

**Municipal Water District of Orange County
Disbursement Ratification Report
For the Month of December 2021**

Name/ Date	Check/ EFT	Invoice	Description	Amount
Karl Seckel				
12/30/2021	EFT	113021	November 2021 Business expense	41.88
Total				41.88
Spectrum Business				
12/15/2021	140602	343564121021	December 2021 Telephone expense for 1 analog fax line	39.99
12/02/2021	140584	375210113021	December 2021 Telephone and internet expense	1,423.83
Total				1,463.82
US Bank				
12/30/2021	140643	0208/4192/4279-NOV21	10/23/21-11/22/21 Cal Card Charges	12,259.18
Total				12,259.18
Verizon Wireless				
12/02/2021	140585	9893536952	November 2021 4G Mobile broadband unlimited service	114.03
Total				114.03
Katie Vincent				
12/30/2021	EFT	111921	November 2021 Business expense	28.11
Total				28.11
Total Core Disbursements				15,594.68
Choice Disbursements:				
Jeff Stalvey				
12/30/2021	EFT	111121	November 2021 Business expense	2,110.00
Total				2,110.00
US Bank				
12/30/2021	140643	4279-NOV21	10/23/21-11/22/21 Cal Card Charges	300.00
Total				300.00
Total Choice Disbursements				2,410.00

**Municipal Water District of Orange County
Disbursement Ratification Report
For the Month of December 2021**

Name/ Date	Check/ EFT	Invoice	Description	Amount
Other Funds Disbursements:				
AT&T				
12/15/2021	140590	17387234	November 2021 Telephone expense for WEROC N. & S. EOC	430.42
Total				430.42
Mesa Water District				
12/15/2021	EFT	10655	October 2021 Credit for Local Resources program	33,206.24
Total				33,206.24
Metropolitan Water District				
12/29/2021	140644	10592	October 2021 Water deliveries	21,834,512.10
Total				21,834,512.10
Santa Margarita Water District				
12/30/2021	EFT	OCT2021	October 2021 SCP Pipeline Operation Surcharge	24,851.42
Total				24,851.42
Santiago Aqueduct Commission				
12/30/2021	140641	OCT2021	October 2021 SAC Pipeline Operation Surcharge	2,835.70
Total				2,835.70
Spray to Drip Rebate				
12/29/2021	140620	S2D4-R-HB-42265-18029	J. Keating	882.00
12/29/2021	140614	S2D4-R-IRWD-42580-18099	M. Davison	1,036.00
12/29/2021	140625	S2D4-R-IRWD-42616-18103	L. Matson	301.00
12/29/2021	140612	S2D5-C-MNT-4463-18266	Canyon Villas HOA (Aliso Viejo)	3,269.00
12/29/2021	140607	S2D5-R-HB-42884-18148	M. Amendola	189.00
12/29/2021	140617	S2D5-R-HB-42953-18369	H. Geck	354.50
Total				6,031.50
Turf Rebate				
12/29/2021	140624	TR12-R-FV-38502-37409	P. Malek	1,350.00
12/29/2021	140631	TR14-C-LH-42393-41114	A. Yang	5,721.00
12/29/2021	140610	TR14-R-HB-41279-41175	S. Brown	4,004.00
12/29/2021	140621	TR14-R-HB-42265-40994	J. Keating	2,770.00
12/29/2021	140616	TR14-R-IRWD-41142-39944	C. Ford	2,300.00
12/29/2021	140615	TR14-R-IRWD-42580-41275	M. Davison	1,204.00
12/29/2021	140619	TR14-R-O-42625-41316	J. Hall	1,400.00
12/29/2021	140627	TR15-R-FV-42980-41631	T. Nguyen	1,425.00

**Municipal Water District of Orange County
Disbursement Ratification Report
For the Month of December 2021**

Name/ Date	Check/ EFT	Invoice	Description	Amount
Turf Rebate - Continued				
12/29/2021	140608	TR15-R-HB-42880-41543	M. Amendola	1,134.00
12/29/2021	140618	TR15-R-HB-42953-41606	H. Geck	2,127.00
12/29/2021	140613	TR15-R-IRWD-42593-41285	A. Chun	1,111.54
12/29/2021	140629	TR15-R-IRWD-42885-41548	H. Shiao	2,996.00
12/29/2021	140630	TR15-R-IRWD-44410-43059	K. Tanahara	2,160.00
12/29/2021	140622	TR15-R-MESA-41811-41472	S. Koutzoukis	11,544.00
12/29/2021	140623	TR15-R-MNT-42868-41534	G. Ledgerwood	3,252.00
12/29/2021	140628	TR15-R-MNT-42886-41549	L. Purrington	1,408.00
12/29/2021	140626	TR15-R-MNT-42918-41576	M. Ming	2,643.64
12/29/2021	140611	TR15-R-MNT-44176-42816	T. Burkhart	1,800.00
12/29/2021	140609	TR15-R-SOCO-42763-41441	A. Baylor	4,227.00
Total				54,577.18
US Bank				
12/30/2021	140643	6066-NOV21	10/23/21-11/22/21 Cal Card Charges	83.88
Total				83.88
Verizon Wireless				
12/02/2021	140585	9893536952	November 2021 4G Mobile broadband unlimited service	76.02
Total				76.02
Total Other Funds Disbursements				21,956,604.46
Total Disbursements				21,974,609.14


Robert J. Hunter, General Manager


Hilary Chumpitazi, Treasurer

Cal Card Charges
Statement Date: November 22, 2021
Payment Date: December 30, 2021

Date	Description	Amount
-------------	--------------------	---------------

R. Hunter Card:

11/21/2021	October-November 2021 Business expense	192.69
Total:		192.69

C. Harris Card:

10/21/2021	Five laptops for MWDOC staff	4,157.39
10/22/2021	Sympathy flowers for staff member	65.25
10/24/2021	October 2021 Web hosting service for MWDOC website	15.65
11/01/2021	Three laptops for new MWDOC staff	4,153.78
11/02/2021	Replacement computer sound card (hardware) for Accountant	49.29
11/02/2021	CAPIO 2021 Annual conference in North Tahoe, CA from Nov. 2-5, 2021 - Accomodationsl for T. Baca and S. Wilson	446.54
11/05/2021	Ipad for Conference Room 101 AV mobile console	498.79
11/05/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 14-16, 2021 - Accomodations for Director Thomas, Director Nederhood, R. Hunter, H. Baez, and M. Baum-Haley	782.30
11/09/2021	Anniversary gift cards for J. Berg and C. Harris	325.00
11/13/2021	November 2021 Pework Screen subscription for Covid-19 Prevention	175.56
11/16/2021	FedEx delivery charge on Nov. 16, 2021	21.49
11/16/2021	North American Water Loss conference 2021 in Austin, TX from December 7-9, 2021 - Airfare for R. Davis	183.80
11/16/2021	Flowers for celebrating two staff anniversaries	154.44
11/17/2021	Alchemer annual basic license for WUE surveys and outreach	300.00
11/18/2021	North American Water Loss conference 2021 in Austin, TX from December 7-9, 2021 - Registration and airfare for J. Berg	1,096.96
11/19/2021	Price adjustment on 11/1/21 purchase of three laptops-Order 108891235	(652.54)
11/19/2021	FedEx delivery charge on Nov. 19, 2021	21.44
Total:		11,795.14

Public Affairs Card:

11/02/2021	11/2/21-12/1/21 Zoom Video Communications monthly fee with audio licenses	174.93
11/03/2021	November 2021 Monthly Public Storage Unit for Public Affairs	294.00
11/10/2021	11/10/21 Public Affairs team lunch	54.73
11/11/2021	Education Video Filming supplies	43.07
11/11/2021	Education Video Filming supplies	4.62
Total:		571.35

WEROC Card:

11/16/2021	QR Code Generator Pro	83.88
Total:		83.88

**Municipal Water District of Orange County
GM Approved Disbursement Report ⁽¹⁾
For the Month of December 2021**

Name/ Date	Check/ EFT	Invoice	Description	Amount
Core Disbursements:				
Aleshire & Wynder LLP				
12/15/2021	EFT	65117	Nov 1-18, 2021 Legal Services	472.50
Total				472.50
Richard Bell				
12/15/2021	140587	11302021	June - November 2021 Retiree medical premium	1,800.00
Total				1,800.00
The Brattle Group Inc				
12/15/2021	EFT	64707	October 2021 Services for the Economic Benefit Studies and Modeling Work	34,717.28
Total				34,717.28
Hunter T Cook				
12/30/2021	140633	12312021	October - December 2021 Retiree medical premium	1,536.00
Total				1,536.00
Flume Inc				
12/30/2021	140635	1327	3rd Quarter 2021 Residential End Use Study services	7,500.00
Total				7,500.00
Hashtag Pinpoint Corporation				
12/15/2021	EFT	1501	November 2021 Social Media consultation & service	7,913.00
Total				7,913.00
IDS Group Inc				
12/30/2021	EFT	18X093.03-1	November 2021 Seismic retrofit design and project support MWDOC office remodel	7,489.00
12/30/2021	EFT	18X093.04-1	November 2021 Seismic retrofit structural field changes and construction administration for MWDOC office remodel	19,855.00
Total				27,344.00
Igoe Administrative Services				
12/15/2021	140593	248952	COBRA Annual service fee	610.00
Total				610.00

Municipal Water District of Orange County
GM Approved Disbursement Report ⁽¹⁾
For the Month of December 2021

Name/ Date	Check/ EFT	Invoice	Description	Amount
Natural Resource Results LLC				
12/30/2021	EFT	3661	November 2021 Federal legislative advocacy services	8,000.00
Total				8,000.00
New Line Fire-Jeffrey Haugh				
12/15/2021	EFT	11182021-01	November 2021 Fire protection engineering services for MWDOC office remodel	5,265.00
Total				5,265.00
Office Depot Inc				
12/30/2021	140639	210239389013	11/30/21 Office supplies	44.25
Total				44.25
Office Solutions				
12/30/2021	EFT	I-01943593	12/1/21 Office supplies	261.52
Total				261.52
Paul Redvers Brown Inc				
12/30/2021	140640	DOC003	November 2021 MWDOC Facilitated Member Agency Discussions Project services	2,682.50
Total				2,682.50
Steven Enterprises Inc				
12/15/2021	EFT	0448429-IN	HP Designjet 44" replacement plotter	3,474.56
Total				3,474.56
US Postal Service				
12/15/2021	140604	20895-2022	PO Box #20895 Annual renewal	1,340.00
Total				1,340.00
USAFact Inc				
12/15/2021	EFT	1113126	November 2021 Background checks for three new hires	104.04
Total				104.04
Pauline D Wennerstrom				
12/30/2021	EFT	123121	October - December 2021 Retiree medical premium	397.50
Total				397.50
Total Core Disbursements				103,462.15

Municipal Water District of Orange County
GM Approved Disbursement Report ⁽¹⁾
For the Month of December 2021

Name/ Date	Check/ EFT	Invoice	Description	Amount
Choice Disbursements:				
Total Choice Disbursements				-
Other Funds Disbursements:				
El Toro Water District				
12/30/2021	140634	RTF5336-7-8-9	Recycled Water Projects for Laguna Woods	13,406.25
Total				13,406.25
Large Plumbing				
12/30/2021	EFT	25789	November 2021 Services for Pressure Regulating Valve program	1,295.00
Total				1,295.00
Total Other Funds Disbursements				14,701.25
Total Disbursements				118,163.40


 Robert J. Hunter, General Manager


 Hilary Chumpitazi, Treasurer

(1) For disbursements that did not make the cut-off of previous month's Disbursement Approval report, due to early deadline. 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
November 30, 2021

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

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
Designated Reserves		
General Operations	\$3,738,505	21.19%
Grant & Project Cash Flow	1,500,000	8.50%
Election Expense	461,678	2.62%
Building Repair	436,542	2.47%
OPEB	297,147	1.68%
Total Designated Reserves	6,433,872	36.46%
General Fund	8,719,754	49.43%
Water Fund	1,895,987	10.75%
Conservation Fund	(737,678)	(4.18%)
WEROC Fund	1,310,249	7.43%
Trustee Activities	19,051	0.11%
Total	\$17,641,235	100.00%

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	1.24%	\$218,519	\$218,519
Short-term investment			
• LAIF	18.77%	3,310,442	3,310,442
• OCIP	62.41%	11,012,137	11,012,137
Long-term investment			
• US Government Issues	1.42%	249,896	247,110
• Corporate Bond	7.94%	1,400,241	1,371,116
• Certificates of Deposit	8.22%	1,450,000	1,495,775
Total	100.00%	\$17,641,235	\$17,655,099

The average number of days to maturity/call as of November 30, 2021 equaled 113 and the average yield to maturity is 0.649%. During the month, the District's average daily balance was \$28,540,888.75. Funds were invested in US Bank Money Market, Negotiable Certificate of Deposits, Corporate Bonds, US Government Issues, the Local Agency Investment Funds (LAIF) and the Orange County Investment Pool (OCIP) during the month of November 2021.

The \$13,864 difference between the book value and the market value on November 30, 2021 represents the exchange difference if all investments had been liquidated on that date. Since it is the District's practice to "buy and hold" investments until maturity, the market values are a point of reference, not an indication of actual loss or gain. There are no current plans or cash flow requirements identified in the near future that would require the sale of these securities prior to maturity.

Robert J. Hunter
General Manager

Hilary Chumpitazi
Treasurer



MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Portfolio Management - Portfolio Summary November 30, 2021

11/30/2021	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Negotiable Certificate Of Deposit	1,450,000.00	1,495,775.00	1,450,000.00	8.32	830	2.440
Corporate Bond	1,400,000.00	1,371,115.50	1,400,240.47	8.04	517	1.341
US Government Issues	250,000.00	247,110.00	249,896.34	1.43	88	0.860
Local Agency Investment Funds	3,310,441.65	3,310,441.65	3,310,441.65	19.00	1	0.197
Orange County Investment Pool	11,012,137.38	11,012,137.38	11,012,137.38	63.21	1	0.457
Total Investments	17,422,579.03	17,436,579.53	17,422,715.84	100.00	113	0.649

Cash						
Cash	218,519.28	218,519.28	218,519.28		1	0.00
Total Cash and Investments	17,641,098.31	17,655,098.81	17,641,235.12		113	0.649

Total Earnings	Month Ending November	Fiscal Year to Date
Current Year	10,798.15	58,379.20
Average Daily Balance	28,540,888.75	
Effective Rate of Return	0.649%	

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

Date

1-6-22

Hilary Chumtipitzi, Treasurer

Date

01/06/2022

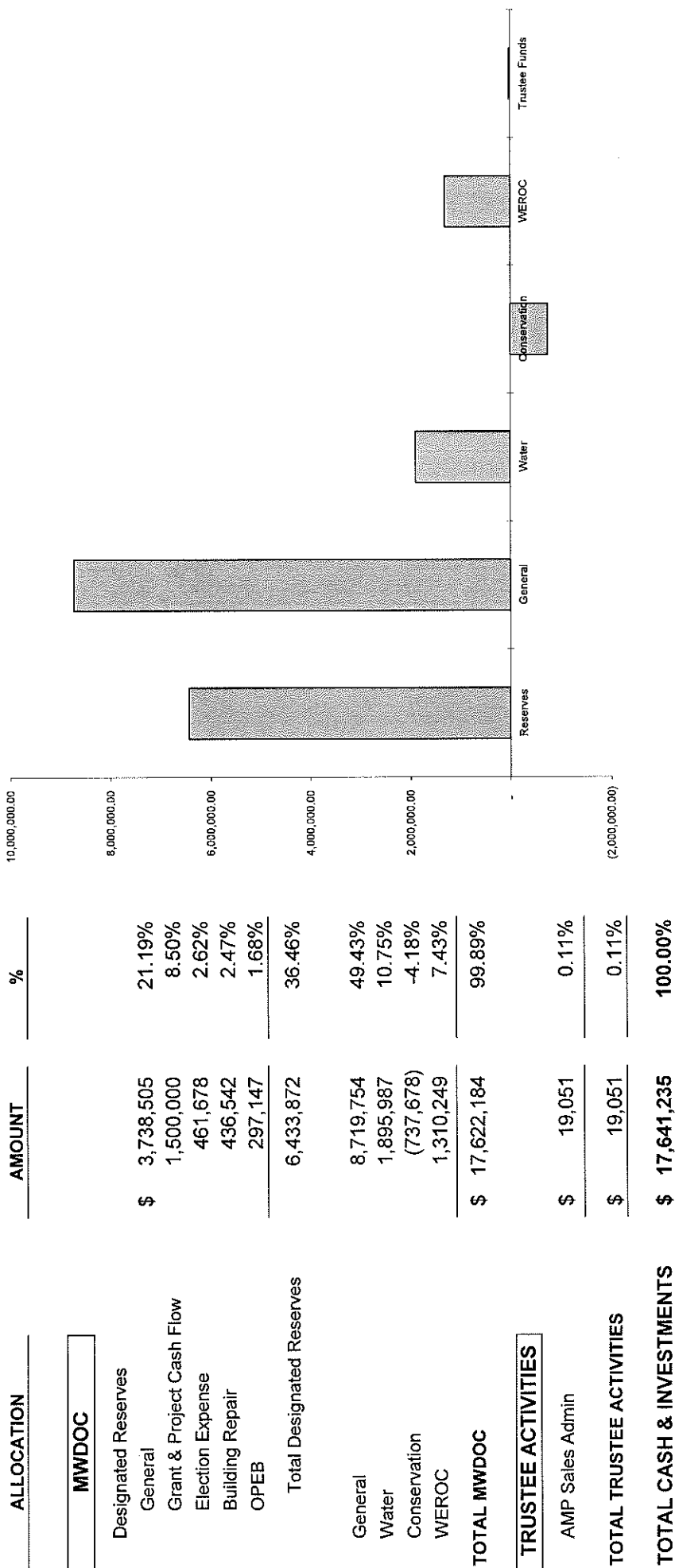
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Long-Term Portfolio Details - Investments
November 30, 2021

Issuer	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Negotiable Certificate Of Deposit									
Barclays Bank	06740KKY2	9/27/2017	250,000.00	254,120.00	250,000.00	2.250	2.250	301	9/27/2022
Capital One Bank	14042TBO9	8/7/2019	250,000.00	259,762.50	250,000.00	2.250	2.250	981	8/7/2024
Capital One NA	14042RMJ7	7/24/2019	250,000.00	259,392.50	250,000.00	2.200	2.200	967	7/24/2024
Discover Bank	254673RV0	7/25/2018	250,000.00	261,765.00	250,000.00	3.300	3.300	602	7/25/2023
Goldman Sachs Bank	38148PT98	8/8/2018	250,000.00	262,215.00	250,000.00	3.350	3.350	616	8/8/2023
Sallie Mae Bank	7954507A7	7/14/2021	200,000.00	198,520.00	200,000.00	1.000	1.000	1,687	7/14/2026
Sub Total			1,450,000.00	1,495,775.00	1,450,000.00	2.440	2.440	830	
US Government Issues									
FHLB	3130ALGR9	3/1/2021	250,000.00	247,110.00	249,896.34	0.850	0.860	88	2/26/2026
Sub Total			250,000.00	247,110.00	249,896.34	0.850	0.860	88	
Corporate Bond									
Bank of America Corp	06048WK41	12/7/2020	250,000.00	240,815.00	250,000.00	0.650	0.800	1,456	11/25/2025
Citigroup Global Markets	17328WFZ5	9/16/2020	250,000.00	242,715.00	250,000.00	1.000	1.000	16	9/16/2025
JP Morgan Chase	48128GV56	8/18/2020	250,000.00	241,180.00	250,000.00	0.800	0.800	992	8/18/2025
National Rural Util Coop	63743FE51	7/27/2017	200,000.00	202,372.00	200,000.00	2.500	2.500	227	7/15/2022
Societe Generale	83369MD25	8/19/2020	250,000.00	241,587.50	250,000.00	1.000	1.088	81	8/19/2025
Westpac Banking Corp	961214DQ3	7/25/2017	200,000.00	202,446.00	200,240.47	2.500	2.278	210	6/28/2022
Sub Total			1,400,000.00	1,371,115.50	1,400,240.47	1.330	1.341	517	
Total Investments			3,100,000.00	3,114,000.50	3,100,136.81	1.810	1.816	629	
Total Earnings									
Current Year		Month Ending November	4,546.72		Fiscal Year To Date				23,408.07

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Short-Term Portfolio Details - Cash and Investments
November 30, 2021

Investments	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Local Agency Investment Funds									
LAIF LGIP	LAIF	6/30/2010	3,310,441.65	3,310,441.65	3,310,441.65	0.197	0.197	1	N/A
Sub Total			3,310,441.65	3,310,441.65	3,310,441.65	0.197	0.197	1	
Orange County Investment Pool									
County of Orange LGIP	OCIP	6/29/2005	11,012,137.38	11,012,137.38	11,012,137.38	0.457	0.457	1	N/A
Sub Total			11,012,137.38	11,012,137.38	11,012,137.38	0.457	0.457	1	
Total Investments			14,322,579.03	14,322,579.03	14,322,579.03	0.397	0.397		
Cash									
Petty Cash Cash	CASH	7/1/2010	500.00	500.00	500.00	0.000	0.000	1	N/A
US Bank Cash	CASHUSBANK	7/25/2018	218,019.28	218,019.28	218,019.28	0.000	0.000	1	N/A
Total Cash			218,519.28	218,519.28	218,519.28	0.000	0.000	1	
Total Cash and Investments			14,541,098.31	14,541,098.31	14,541,098.31	0.397	0.397	1	
Total Earnings									
Current Year		Month Ending November	Fiscal Year To Date						
		6,251.43	34,971.13						

**Municipal Water District of Orange County
Cash and Investments at November 30, 2021**



MUNICIPAL WATER DIST OF ORANGE COUNTY
PARS Post-Employment Benefits Trust**Account Report for the Period**
11/1/2021 to 11/30/2021Rob Hunter
General Manager
Municipal Water Dist of Orange County
18700 Ward Street
Fountain Valley, CA 92708**Account Summary**

Source	Balance as of 11/1/2021	Contributions	Earnings	Expenses	Distributions	Transfers	Balance as of 11/30/2021
OPEB	\$2,817,664.09	\$0.00	-\$39,996.63	\$1,379.95	\$0.00	\$0.00	\$2,776,287.51
PENSION	\$991,614.31	\$0.00	-\$14,075.92	\$485.65	\$0.00	\$0.00	\$977,052.74
Totals	\$3,809,278.40	\$0.00	-\$54,072.55	\$1,865.60	\$0.00	\$0.00	\$3,753,340.25

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	-1.42%	-1.57%	10.24%	10.92%	9.27%	8.28%	10/26/2011
PENSION	-1.42%	-1.57%	10.21%	10.89%	-	-	7/31/2018

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

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

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

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

**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
COMBINED FINANCIAL STATEMENTS
AND
BUDGET COMPARATIVE
JULY 1, 2021 THRU NOVEMBER 30, 2021**

**Municipal Water District of Orange County
Combined Balance Sheet
As of November 30, 2021**

	<u>Amount</u>
<u>ASSETS</u>	
Cash in Bank	218,519.28
Investments	17,422,715.84
Accounts Receivable	44,087,565.29
Accounts Receivable - Other	58,749.27
Accrued Interest Receivable	36,545.80
Prepays/Deposits	452,704.77
Leasehold Improvements	6,059,805.67
Furniture, Fixtures & Equipment	780,261.60
Less: Accumulated Depreciation	<u>(3,509,361.29)</u>
TOTAL ASSETS	<u><u>65,607,506.23</u></u>
<u>LIABILITIES AND FUND BALANCES</u>	
<u>LIABILITIES</u>	
Accounts Payable	43,721,554.56
Accounts Payable - Other	64.82
Accrued Salaries and Benefits Payable	755,406.28
Other Liabilities	2,242,416.94
Unearned Revenue	<u>443,410.26</u>
TOTAL LIABILITIES	<u><u>47,162,852.86</u></u>
<u>FUND BALANCES</u>	
<u>Restricted Fund Balances</u>	
Water Fund - T2C	<u>1,034,737.80</u>
Total Restricted Fund Balances	<u>1,034,737.80</u>
<u>Unrestricted Fund Balances</u>	
<u>Designated Reserves</u>	
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	159,687.58
WEROC	<u>246,196.60</u>
Total Unrestricted Fund Balances	<u>12,241,851.89</u>
<u>Excess Revenue over Expenditure</u>	
Operating Fund	5,195,264.48
Other Funds	<u>(27,200.80)</u>
TOTAL FUND BALANCES	<u><u>18,444,653.37</u></u>
TOTAL LIABILITIES AND FUND BALANCES	<u><u>65,607,506.23</u></u>

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
July 1, 2021 thru November 30, 2021

	<u>Month to Date</u>	<u>Year to Date</u>	<u>Annual Budget</u>	<u>% Used</u>	<u>Encumbrance</u>	<u>Budget Remaining</u>
REVENUES						
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
Water Rate Revenues	0.00	8,692,617.00	8,692,617.00	100.00%	0.00	0.00
Interest Revenue	10,721.25	57,858.56	220,000.00	26.30%	0.00	162,141.44
Subtotal	10,721.25	8,750,475.56	8,912,617.00	98.18%	0.00	162,141.44
Choice Programs	51.50	1,238,181.23	1,515,775.00	81.69%	0.00	277,593.77
Miscellaneous Income	0.00	1,911.28	3,000.00	63.71%	0.00	1,088.72
Revenue - Other	0.00	1,360.00	0.00	0.00%	0.00	(1,360.00)
School Contracts	4,392.68	8,718.68	120,895.00	7.21%	0.00	112,176.32
Transfer-In from Reserve	0.00	0.00	95,745.00	0.00%	0.00	95,745.00
Subtotal	4,444.18	1,250,171.19	1,735,415.00	72.04%	0.00	485,243.81
TOTAL REVENUES	15,165.43	10,000,646.75	10,648,032.00	93.92%	0.00	647,385.25

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
July 1, 2021 thru November 30, 2021

	<u>Month to Date</u>	<u>Year to Date</u>	<u>Annual Budget</u>	<u>% Used</u>	<u>Encumbrance</u>	<u>Budget Remaining</u>
<u>EXPENSES</u>						
Salaries & Wages	357,868.67	1,745,117.85	4,178,542.00	41.76%	0.00	2,433,424.15
Salaries & Wages - Grant Recovery	0.00	(6,304.44)	(18,665.00)	(33.78)%	0.00	(12,360.56)
Director's Compensation	22,592.67	110,343.91	288,800.00	38.21%	0.00	178,456.09
MWD Representation	12,769.77	58,937.40	165,029.00	35.71%	0.00	106,091.60
Employee Benefits	115,671.02	553,355.44	1,356,730.00	40.79%	0.00	803,374.56
Employee Benefits - Grant Recovery	0.00	(1,569.28)	0.00	0.00%	0.00	1,569.28
CalPers Unfunded Liability Contribution	0.00	207,000.00	207,000.00	100.00%	0.00	0.00
Director's Benefits	9,589.95	47,183.02	161,248.00	29.26%	0.00	114,064.98
Health Insurance for Retirees	8,270.51	37,660.15	101,099.00	37.25%	0.00	63,438.85
Training Expense	0.00	12,241.50	52,000.00	23.54%	908.10	38,850.40
Tuition Reimbursement	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Temporary Help Expense	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Personnel Expenses	526,762.59	2,763,965.55	6,501,783.00	42.51%	908.10	3,736,909.35
Engineering Expense	42,851.03	99,776.03	380,000.00	26.26%	372,172.22	(91,948.25)
Legal Expense	12,436.09	84,715.29	225,000.00	37.65%	140,284.71	0.00
Audit Expense	2,566.00	20,566.00	30,220.00	68.05%	4,654.00	5,000.00
Professional Services	73,971.18	291,881.12	1,475,640.00	19.78%	829,036.31	354,722.57
Professional Fees	131,824.30	496,938.44	2,110,860.00	23.54%	1,346,147.24	267,774.32
Conference - Staff	425.00	6,865.00	44,560.00	15.41%	0.00	37,695.00
Conference - Directors	0.00	5,355.00	16,845.00	31.79%	0.00	11,490.00
Travel & Accom. - Staff	1,786.68	4,788.44	69,825.00	6.86%	0.00	65,036.56
Travel & Accom. - Directors	336.92	373.36	21,250.00	1.76%	0.00	20,876.64
Travel & Conference	2,548.60	17,381.80	152,480.00	11.40%	0.00	135,098.20
Membership/Sponsorship	55,457.00	106,848.20	143,041.00	74.70%	0.00	36,192.80
CDR Support	0.00	27,594.66	65,249.00	42.29%	27,594.65	10,059.69
Dues & Memberships	55,457.00	134,442.86	208,290.00	64.55%	27,594.65	46,252.49
Business Expense	57.59	740.24	2,500.00	29.61%	0.00	1,759.76
Office Maintenance	6,072.78	40,019.27	147,400.00	27.15%	97,316.21	10,064.52
Building Repair & Maintenance	3,041.69	11,314.62	15,000.00	75.43%	9,751.40	(6,066.02)
Storage Rental & Equipment Lease	52.25	317.89	1,800.00	17.66%	482.11	1,000.00
Office Supplies	623.70	3,937.22	35,000.00	11.25%	4,271.02	26,791.76
Supplies - Water Loss Control	0.00	98.50	4,000.00	2.46%	0.00	3,901.50
Postage/Mail Delivery	546.97	3,575.28	9,243.00	38.68%	1,584.83	4,082.89
Subscriptions & Books	0.00	120.00	1,000.00	12.00%	0.00	880.00
Reproduction Expense	952.16	1,708.43	82,700.00	2.07%	4,910.45	76,081.12
Maintenance - Computers	49.29	1,955.52	8,000.00	24.44%	1.08	6,043.40
Software Purchase	4,771.64	25,714.13	36,040.00	71.35%	10.00	10,315.87
Software Support	6,843.74	23,500.55	48,640.00	48.32%	19,402.37	5,737.08
Computers and Equipment	11,631.98	21,123.12	23,450.00	90.08%	4,525.53	(2,198.65)
Maintenance Expense	0.00	0.00	6,000.00	0.00%	0.00	6,000.00
Automotive Expense	120.51	429.50	16,000.00	2.68%	0.00	15,570.50
Vehicle Expense	0.00	1,171.88	5,800.00	20.20%	0.00	4,628.12
Toll Road Charges	0.00	200.00	1,250.00	16.00%	0.00	1,050.00
Insurance Expense	12,342.68	60,705.52	130,000.00	46.70%	0.00	69,294.48
Utilities - Telephone	2,887.85	15,810.90	42,840.00	36.91%	798.21	26,230.89
Bank Fees	0.00	1,256.80	3,200.00	39.28%	0.00	1,943.20
Miscellaneous Expense	3,710.39	16,967.92	85,181.00	19.92%	3,163.20	65,049.88
MWDOC's Contrb. to WEROC	21,695.50	108,477.50	260,346.00	41.67%	0.00	151,868.50
Depreciation Expense	11,721.18	29,303.10	0.00	0.00%	0.00	(29,303.10)
Other Expenses	87,121.90	368,447.89	965,390.00	38.17%	146,216.41	450,725.70
Capital Aquisition	16,808.92	261,772.93	267,256.00	97.95%	88,993.48	(83,510.41)
Building Expense	193,024.83	762,432.80	441,973.00	172.51%	188,475.60	(508,935.40)
TOTAL EXPENSES	1,013,548.14	4,805,382.27	10,648,032.00	45.13%	1,798,335.48	4,044,314.25
NET INCOME (LOSS)	(998,382.71)	5,195,264.48				

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
Water Fund
July 1, 2021 thru November 30, 2021

	<u>Month to Date</u>	<u>Year to Date</u>	<u>Annual Budget</u>	<u>% Used</u>	<u>Budget Remaining</u>
<u>WATER REVENUES</u>					
Water Sales	19,826,126.70	94,755,527.30	155,126,337.00	61.08%	60,370,809.70
Readiness to Serve Charge	926,009.00	4,630,045.03	11,142,354.00	41.55%	6,512,308.97
Capacity Charge CCF	394,384.17	1,971,920.85	4,732,610.00	41.67%	2,760,689.15
SCP/SAC Pipeline Surcharge	28,606.14	159,154.62	315,000.00	50.53%	155,845.38
Interest Revenue	278.38	1,510.97	10,500.00	14.39%	8,989.03
TOTAL WATER REVENUES	21,175,404.39	101,518,158.77	171,326,801.00	59.25%	69,808,642.23
<u>WATER PURCHASES</u>					
Water Sales	19,826,126.70	94,755,527.30	155,126,337.00	61.08%	60,370,809.70
Readiness to Serve Charge	926,009.00	4,630,045.03	11,142,354.00	41.55%	6,512,308.97
Capacity Charge CCF	394,384.17	1,971,920.85	4,732,610.00	41.67%	2,760,689.15
SCP/SAC Pipeline Surcharge	28,606.14	159,154.62	315,000.00	50.53%	155,845.38
TOTAL WATER PURCHASES	21,175,126.01	101,516,647.80	171,316,301.00	59.26%	69,799,653.20
EXCESS OF REVENUE OVER EXPENDITURE	278.38	1,510.97	10,500.00	14.39%	8,989.03

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
Water Use Efficiency
July 1, 2021 thru November 30, 2021

	<u>Year to Date Actual</u>	<u>Annual Budget</u>	<u>% Used</u>
Spray To Drip Conversion			
Revenues	13,796.53	117,480.00	11.74%
Expenses	27,707.47	117,480.00	23.58%
Excess of Revenues over Expenditures	(13,910.94)	0.00	
Member Agency Administered Pass-Thru			
Revenues	57,137.00	573,201.00	9.97%
Expenses	47,022.00	573,201.00	8.20%
Excess of Revenues over Expenditures	10,115.00	0.00	
ULFT Rebate Program			
Revenues	110.00	2,000.00	5.50%
Expenses	170.00	2,000.00	8.50%
Excess of Revenues over Expenditures	(60.00)	0.00	
HECW Rebate Program			
Revenues	25,929.51	84,300.00	30.76%
Expenses	25,865.00	84,300.00	30.68%
Excess of Revenues over Expenditures	64.51	0.00	
CII Rebate Program			
Revenues	0.00	6,500.00	0.00%
Expenses	0.00	6,500.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
Turf Removal Program			
Revenues	244,562.84	993,924.00	24.61%
Expenses	289,827.59	993,924.00	29.16%
Excess of Revenues over Expenditures	(45,264.75)	0.00	
Comprehensive Landscape (CLWUE)			
Revenues	94,721.95	303,100.00	31.25%
Expenses	142,625.10	303,100.00	47.06%
Excess of Revenues over Expenditures	(47,903.15)	0.00	
Recycled Water Program			
Revenues	0.00	40,000.00	0.00%
Expenses	0.00	40,000.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
WSIP - Industrial Program			
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	
Land Design Program			
Revenues	15,623.00	297,330.00	5.25%
Expenses	104,312.75	297,330.00	35.08%
Excess of Revenues over Expenditures	(88,689.75)	0.00	
Total WUE Projects			
Revenues	451,880.83	2,462,835.00	18.35%
Expenses	637,529.91	2,462,835.00	25.89%
Excess of Revenues over Expenditures	(185,649.08)	0.00	
WEROC			
Revenues	368,823.50	520,692.00	70.83%
Expenses	212,299.60	520,692.00	40.77%
Excess of Revenues over Expenditures	156,523.90	0.00	



Item No. 3

DISCUSSION ITEM

January 12, 2022

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

FROM: Robert Hunter, General Manager

Staff Contact: Hilary Chumpitazi

SUBJECT: Fiscal Year (FY) 2021-22 Budget Year-End Projections & Conceptual FY 2022-23 Budget Review

STAFF RECOMMENDATION

Staff recommends the Administration & Finance Committee discuss the budget year-end projections, upcoming budget process & key assumptions, and direct the General Manager as appropriate.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

Projected Year-End Estimates for FY 2021-22

MWD OC staff has initiated the budget process for FY 2022-23 (Fiscal Year Ending 2023, FYE'23) and initial projections have been prepared for the remaining months of the current fiscal year in order to calculate the FY 2021-22 (FYE'22) Year-End estimates. It is important to note, these projections utilize only four months of actual expenditures and estimate the remaining eight months in order to meet the budget schedule. Preliminary variance estimates for the FYE'22 Core Budget include:

1. The projected variances for the FYE'22 Core Budget are projected to be \$162,994 (1.8%) greater expenses than budgeted and revenues being \$91,223 (1.0%) under budget.

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

2. The budgeted draw on reserves was \$97,413 but the projected draw on reserves is \$349,963.
3. The Seismic Retrofit and Building Renovation Project will be completed in FYE'22. The total expense amount budgeted over two years for the construction project was \$2,773,089. Actual expenses are projected to be \$2,817,853, including \$225,911.26 in unforeseen change order items (i.e., necessary items that were discovered during construction). The project expense variance is \$44,764 or 1.6%.
4. The multiple-year Prior Year Carryover amounts for the Building Expense and the Capital Acquisition expense categories are difficult to track in the budget format. The relative magnitude and non-recurring nature of the Building Project expenses impact the reserve targets and have been attenuated as discussed below.
5. Interest revenue is projected to be \$91,223 (41.5%) less than budgeted due to the continued reduction of investment interest rates.
6. Other major budget expense variances in the year-end projections include Outside Consulting Expense projected to be \$144,000 under budget; Maintenance Expense at \$54,600 under budget and Software Support & Expense over budget by \$43,000. Other below budget expense categories include Professional Fees (\$38,664) and Director Benefits (\$36,488).

Projected Reserve Fund Balances

One goal of the budget process is the early identification of Reserve Fund impacts. The stated goals of the Board of Directors are to have reserves fully funded and that the budget should be balanced relative to meeting those reserve targets. In other words, if the combination of previous fiscal year's audited reserve balances and the current fiscal year year-end projections indicate that the reserve target will be exceeded then the proposed budget should include a draw from the reserve balance down to the target. Conversely, if the projected total will drop the reserve balance below the target then the proposed budget should increase the budgeted contribution to bring the reserves back up to the target.

Some of MWDOC's reserve targets are based on a "Number of Days Cash" basis. For example, the General Operations designated reserve target is set at 90-180 days (24.7%–49.3%) of the annual budget. As mentioned in #4 (above), the Building Project expenses are relatively large in magnitude and non-recurring in nature for MWDOC. We anticipate the reserve targets to decrease below the FYE'23 levels for the FYE'24 budget cycle. Therefore, the FYE'23 budget does not plan to fully fund the reserves to the full target levels but is designed to reach the anticipated target level over two years.

The MWDOC designated reserve targets for FYE'23 and the planned reserve balances for FYE'22 (financial audit balances) are summarized in the table below. The total unfunded balance is (-) \$569,778 (Total Target (-) Total Planned Balance). As indicated in #2 (above) a total of \$349,963 is projected to be a draw on reserves from the FYE' 22 operations. This draw is allocated to the General Operations Reserves as indicated in the table column "FYE'22 Projected Year End Reclass to Reserves". This will result in an unfunded total reserve balance of \$919,741.

Normally, the goal for rate setting in the FYE'23 budget would be to have a budget surplus of \$919,741 to fully fund the reserves. The working, preliminary draft budget includes an off-setting contribution to the building fund of \$476,000 and an overall draw of \$99,000 (approximate net contribution of \$377,000). This should eliminate an unnecessary increase-reduction cycle over the FYE'23 through FYE'24 budget period.

Designated Reserves	# Days Cash	FYE'23 Target Reserve	FYE'22 Planned Reserve Balance	FYE'22 Projected Year End Reclass to Reserves	FYE'23 Projected Reserve Balance
General Operations	90-180	\$ 3,986,858	\$ 3,738,505	\$ 86,579	\$ 3,825,084
Grant & Project Cash Flow		1,500,000	1,500,000	-	1,500,000
Building Reserve	10-15	457,238	436,542	(436,542)	-
Election Reserve	N/A	762,406	461,678	-	461,678
OPEB Reserve est. 9/2018	N/A	297,147	297,147	-	297,147
TOTALS		\$ 7,003,650	\$ 6,433,872	\$ (349,963)	\$ 6,083,909

MWDOC Budget Process FYE' 23

Again this year, MWDOC will operate under the accelerated budget schedule whereby deadlines are moved up one month from previous years. This schedule change, to adopt the final MWDOC budget one month earlier (April), was implemented to facilitate the budget and rate schedules of our member agencies. Under this schedule, the Year-End Projections and Conceptual Budget (assumptions) are discussed at the January 12th Administration & Finance (A&F) Committee, followed by the first draft budget presented at the February 9, 2022 A&F Committee meeting. The final budget is scheduled for approval by the MWDOC Board of Directors at the April 20, 2022 Board meeting.

Similar to last year, the Choice budget elections and commitments will lag behind this proposed schedule and staff will bring back to the Board a revised Final Choice Budget in September or October 2022 to reflect the reconciliations and final program commitments of our Member Agencies. These changes will not impact the rates and charges passed in April for Core activities.

Proposed Key Additions & Assumptions for Developing the FYE'23 Draft Budget

In preparation of the Proposed Budget for FYE' 23, staff has begun assessing the following key additions and assumptions:

- Based on the previously adopted process and formulas, the working Compensation Pool increase for the budget is 6.0% based on a projected annual regional CPI of 3.24%. This is a significant increase as the preliminary CPI falls into the “moderate inflation” category instead of the “low inflation” category from the current budget.
- Total FTEs (Full Time Equivalents) for Core and Choice increase by 1.31 to 39.63 FTEs. The Core total reduces 0.14 FTE while the Choice total increases by 1.45 FTE. Full-time employees increase by 1.42 FTEs.
- The Seismic Retrofit and Building Remodel project will be completed in FYE'22. A much smaller project addressing the kitchen/lunchroom update and the Atrium Trellis replacement will occur in FYE'23.
- The budget assumes that a working resolution of the COVID situation will be reached by the beginning of FYE'23. MWDOC Staff will have transitioned back into the office under a hybrid schedule, committee and board meetings will occur under a hybrid protocol (in-person & virtual), and travel/conference activities will return to previous levels.
- Metropolitan activities will focus on the Post-IRP Implementation Planning process, Board strategic priorities, continued rate refinement discussions, State Water Project exclusive area infrastructure improvement activities, the Regional Recycled Water Project Cost of Service Analysis, Colorado River negotiations and issues, the Delta Conveyance Project EIR, the Metropolitan business plan and business model as well as Metropolitan long-term financial planning. Hydrologic conditions may activate allocation planning and discussions.
- Engineering staff will focus on water reliability and supply projects, the emergency use of East OC Feeder #2, the coordination of Metropolitan repair projects, the water system operations and potential water quality impacts of supply projects, the WEROC Primary EOC project, and the kitchen remodel and trellis replacement project.
- MWDOC's Washington, DC advocate firm (NRR) and State advocate firm (BB&K) will continue to target critical legislative and funding issues. MWDOC will direct close coordination on common issues between our DC and Sacramento advocates; as well as with other water industry groups. The significant increases in state and federal funding present opportunities for Metropolitan and our Member Agencies. MWDOC will target and facilitate these opportunities.
- Activities are expected to increase associated with the small non-compliant water systems, disadvantaged community programs and funding issues.
- Water Use and Loss control regulatory proposals will continue to be a major activity for the MWDOC WUE group.
- The Water Loss Program will continue to expand with several adjustments in services and it is highly probable that WUE rebate programs and funding will expand during the period.
- Public Affairs will develop and promote a more robust speakers bureau with pre-developed presentation modules on an array of topics for use by Directors and others.

- A website refresh is planned 5-years after the initial launch.
- Other Public Affair priorities will include be the Water Summit the reactivation of the Metropolitan trips, the school program, outreach programs (public, business, elected official), and sentiment analysis polling.
- IT will complete a system audit in FYE'22. It is not anticipated that major cost items will be required from that audit.
- Next fiscal year is expected to include major milestones in the permitting for both the Poseidon and Doheny desal projects.

Staff will continue working on preparation of the budget towards publication of the first draft in February for distribution to the Board and the member agencies.

**Administration Activities Report****December 1 – January 6, 2022**

Activity	Summary
Administration/ Board	<p>Staff worked on the following:</p> <ul style="list-style-type: none">• Scheduled meetings for Rob Hunter and Board members.• Assisted Rob with various write-ups and follow-up for the Committees and Board.• Continue to send the Water Supply Reports to the member agencies.• Processed and reviewed agreements for appropriate Board approval and insurance requirements as well as execution following approval.• Reviewed Insurance documents for all District Agreements.• Responded to two Public Records Act requests.• Reviewed Administrative Code and budget regarding conference attendance; worked with staff re Admin Code policies.• Worked with Legal Counsel regarding AB 361• Researched, compiled documentation and submitted applications for the Special District Leadership Counsel's Transparency Award and District of Distinction Award.• Worked with legal counsel regarding division boundary/census issues• Reviewed various portions of the website for consistency and completeness.• The updated GM contract has been posted to the District's website.• Emailed letter and schedule for the 2022-2023 Budget process to all member agencies.• Zoom Meetings: solicited availability, set-up and hosted Zoom Meetings for General Manager, Engineering, Public Affairs & Governmental Affairs Manager.• Agreements: processed agreements for Engineering and Governmental Affairs.• Provided assistance to Government Affairs with formatting letters.• Registered Staff for various training and conferences, made travel accommodations and handled expenses.• Transcribed interview notes from the MA Facilitated discussions.• Sent reminder emails to Member Agencies who hadn't responded to original facilitated discussion letter solicitation.• Scheduled and hosted Zoom meetings for the MWD OC – Member Agency Facilitated Discussions and Interviews.• Created and sent out ISDOC 2022 Membership/Directory Update letters.• Created invitation and sent ISDOC Quarterly Luncheon invitation.
Records Management	<ul style="list-style-type: none">• Staff continues to review incoming mail and log necessary documents into the Laserfiche system.• Staff continues to review documents and update information in Laserfiche.• Talked with our new ECS rep and discussed timing for upgrading to Laserfiche 11.



	<ul style="list-style-type: none"> Reviewed HR files per Records Retention Schedule guidelines and prepared destruction order for obsolete electronic and paper files. Assisted Engineering Dept. with search for agreements. Attended Laserfiche Cloud webinar.
Health and Welfare Benefits	<ul style="list-style-type: none"> 2022 Open Enrollment for the Flexible Benefits Plan has been completed, including outreach to participants for claim processing; reviewed plan changes for new plan year as well as changes due to COVID. Revisions to the Retiree Health benefits policy were completed and the revised policy was sent to all eligible retirees. Review of 2021-22 Wellness Grant activities and incentives is in progress.
Recruitment / Departures	<ul style="list-style-type: none"> Water Loss Control Technician, Guillermo “Willie” Zavala joined the District on December 7th. Onboarding activities have been completed for recent new hires.
Projects/ Activities	<ul style="list-style-type: none"> Phase 3 construction was completed on November 23, staff continues to work with the contractor on completing punch list items. Staff continues to coordinate with the furniture vendor on punch list items and back order of items to be delivered. Installation of glass walls was completed on December 28th. Staff is working with the vendor on punch list items. Staff is working with Outdoor Dimensions on punch list items to be completed for required office signage in compliance with ADA and Fire Code. A committee comprised of staff from various departments are meeting to evaluate concepts for artwork to be displayed throughout the office. The General Manager continues to hold bi-monthly staff meetings via Zoom. Staff is continuing to coordinate closely with the Director of Emergency Management on COVID-19 protocols, OSHA ETS and State guidelines. Staff continues to coordinate additional office cleanings in the office twice a week. Staff continues hosting of Board, Committee and Department meetings via zoom. Weekly virtual meetings are held with the Administration Team. Staff continues to update changes to the District Act Database and to the District Contacts in Outlook. Staff continues to assist with WACO Meetings via Zoom, and various correspondence. Landscape maintenance for atrium, including remedial repair due to plumbing leak was completed. Holiday Luncheon for MWDOC staff was held on December 17th. Staff is compiling information and reaching out to Cities and water agencies in preparing for the 2022 Orange County Cities and Water Agency Directory. A training event is scheduled for all administrative staff on the topic of complex documents in MS Word for January 6th.



INFORMATION ITEM

January 12, 2022

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

FROM: Robert J. Hunter, General Manager

Staff Contact: Steven Hung

SUBJECT: Finance and IT Pending Items Report

SUMMARY

The following list details the status of special projects that are in-progress or to be completed during FY 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
2021 W-9 collection for conservation rebates. Currently holding 2 rebate checks awaiting a W-9 form.	On-going	On-going	On-going
Government Compensation in California Report 2021	0%	03-31-2022	Not Started
State Controller Report preparation FY 2020-21	0%	03-31-2022	Not Started
Preparation of documents for FY 2022-23 budget process.	20%	04-30-2022	In Progress
Prepare RFP for new Annual Financial Statement Auditors	0%	05-31-2022	Not Started
Prepare RFP for new Financial Consultant	0%	05-31-2022	Not Started

Information Technology

Description	% of Completion	Estimated Completion date	Status
Network security issues (hackers, viruses and spam emails)	On-going	On-going	Continuous system monitoring
Upgrade Conference room 101 and 102 with new Audio/Video equipment.	100%	10-31-2021	Completed
Batteries replacement for UPS	10%	12-31-2021	In Progress
Replace 10 computers and monitors for Staff	50%	12-31-2021	In Progress
Replace End-Of-Life Cisco Voice Gateway router (hardware and software)	20%	3-30-2022	In Progress
Upgrade backbone Gigabit network switch (hardware)	20%	3-30-2022	In Progress
Software and hardware upgrade for Hyper-V Virtual Server	10%	6-30-2022	In Progress
Exchange E-mail Online Migration for the District	30%	03/31/2022	In Progress
Critical Security Controls Review by Tevora	10%	03/31/2022	In Progress

FY 2021-22 Completed Special Tasks

Description	% of Completion	Completion date	Status
<u>Finance</u>			
Preparation of documents for FY2021-22 revised budget.	100%	10-31-2021	Completed
Annual audit of our financial statements. Final audit week of Sept 13 th .	100%	11-04-2021	Completed
Prepare Annual Financials	100%	11-02-2021	Completed
<u>Information Technology</u>			
Upgrade 2 IT laptops for check-out	100%	12-31-2021	Completed



INFORMATION ITEM

January 12, 2022

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

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 November.**
- Estimated OC Water Usage, Monthly, Comparison to Previous Years Water usage in November **2021 was above average compared to the last 5 years.** We are projecting a slight decrease in overall water usage compared to FY 2020-21. On July 8th 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 **531,000 AF in FY 2021-22** (this includes ~11 TAF of agricultural usage and non-retail water agency usage). This is about **28,000 AF less than FY 2020-21** and is about **2,000 AF less than FY 2019-20**. Water usage per person is projected to be slightly lower in **FY 2021-22 for Orange County at 150 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):			

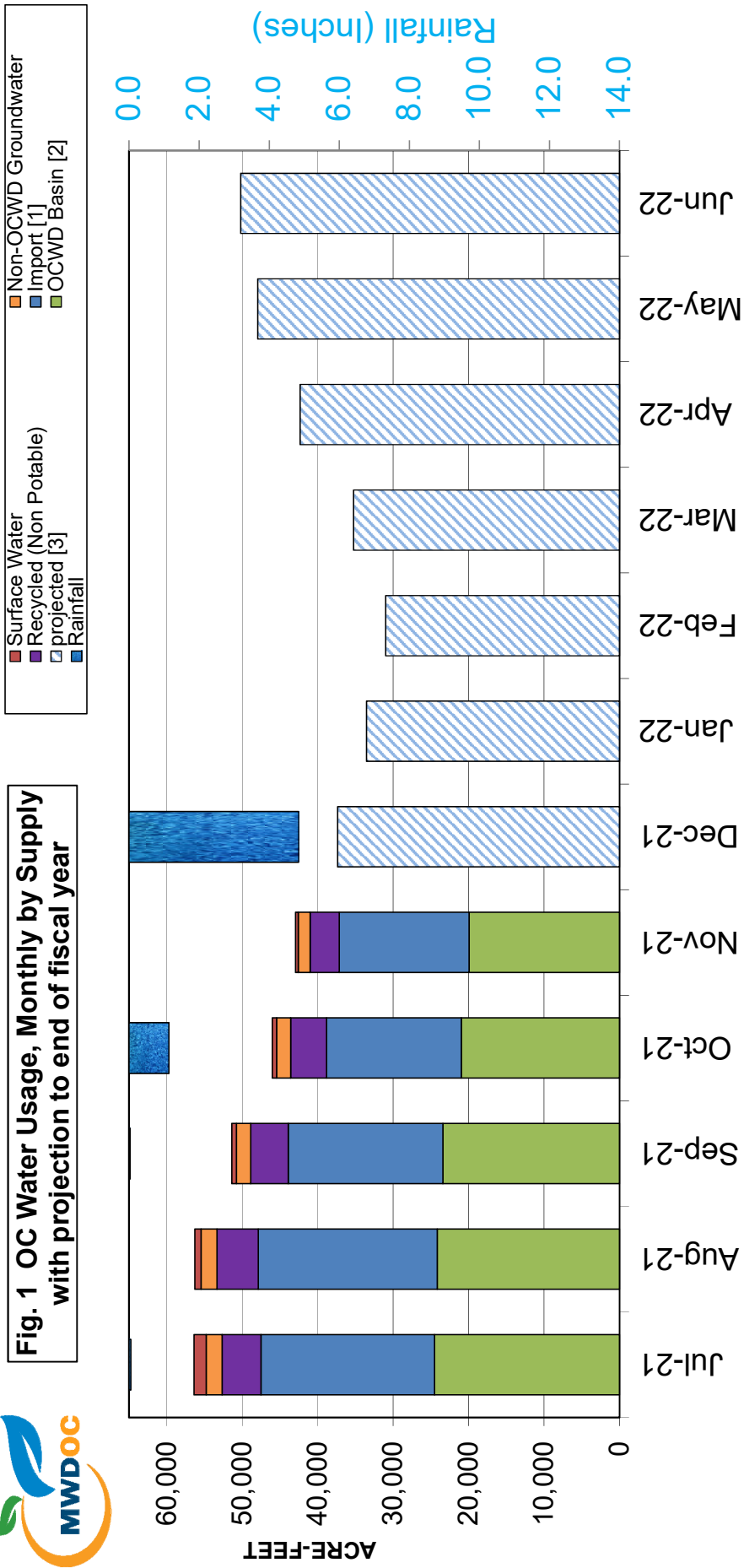
Efficiency (water conservation) efforts. ***O.C. Water Usage for the period of Fiscal Years FY 2015-16 to FY 2019-20 was the lowest since the 1982-83 Fiscal Year (FY 1982-83 was the third wettest year on record). O.C. Water Usage in FY 2020-21 was the highest since FY 2010-11.***

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. 1st through Sept. 30th.

- Orange County's accumulated precipitation through ***early January was above average*** for this period. Water year to date rainfall in Orange County is ***6.28 inches***, which is ***143% of normal***.
- Northern California accumulated precipitation through ***early December*** was ***156% 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 136% as January 7th 2021. As of early January, 99.3% of California is experiencing moderate to exceptional drought conditions*** while 100.00% of the state is experiencing abnormally dry conditions. The State Water Project Contractors Table A Allocation is expected to start WY 2022 at 0%.
- Colorado River Basin accumulated precipitation through ***early January was 129% of normal*** for this period. The ***Upper Colorado Basin snowpack was 127% of normal*** as of January 3rd 2021. ***Lake Mead and Lake Powell*** combined have about ***45.0% of their average storage volume*** for this time of year and are at ***31.0% 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 January, were ***8.56' BELOW the "trigger" limit***. The USBR has declared a ***shortage on the Colorado River starting January 1st 2022. There is and a 97% chance of shortage continuing in 2023.***



**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.

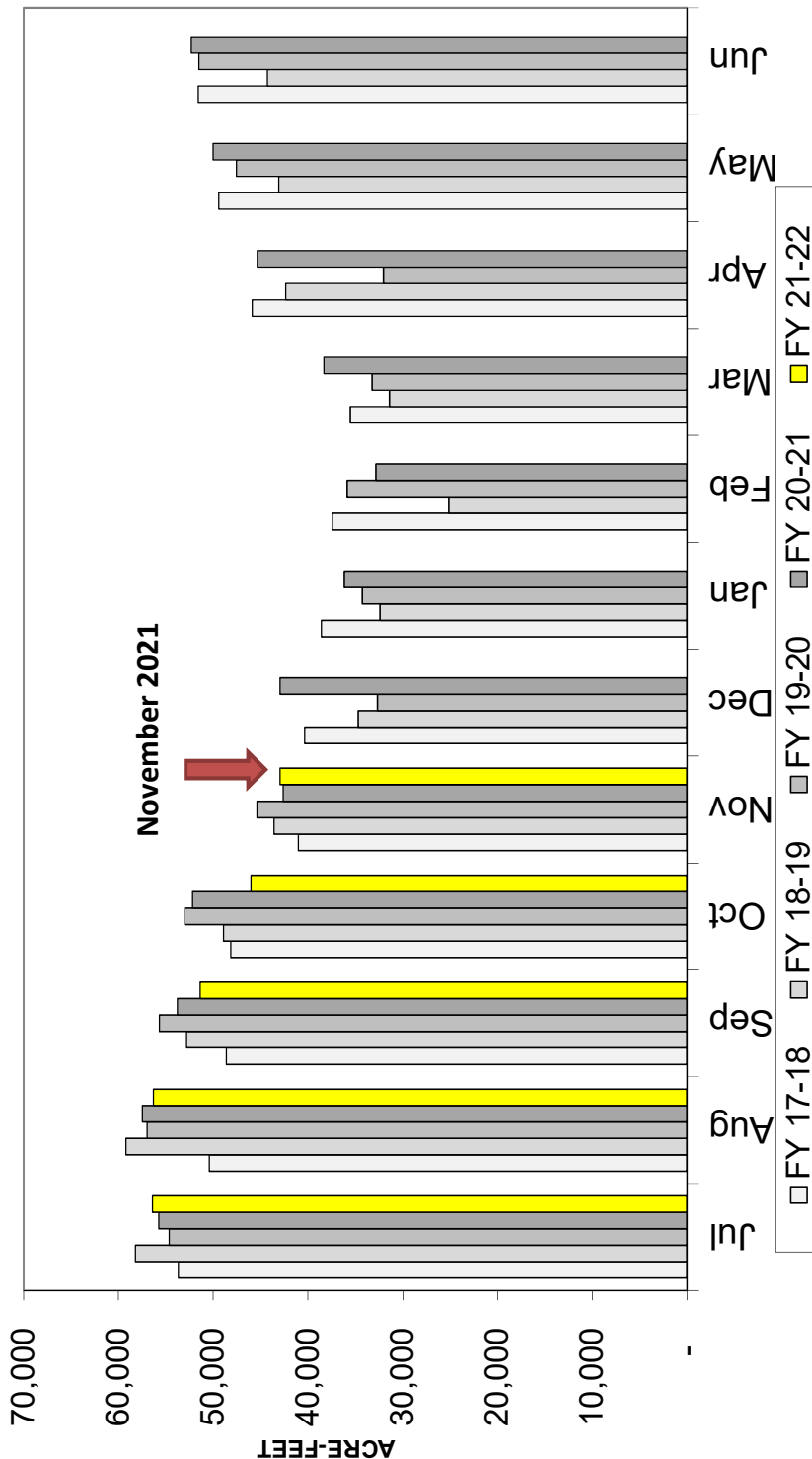
[2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '21-22 is 77%.

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

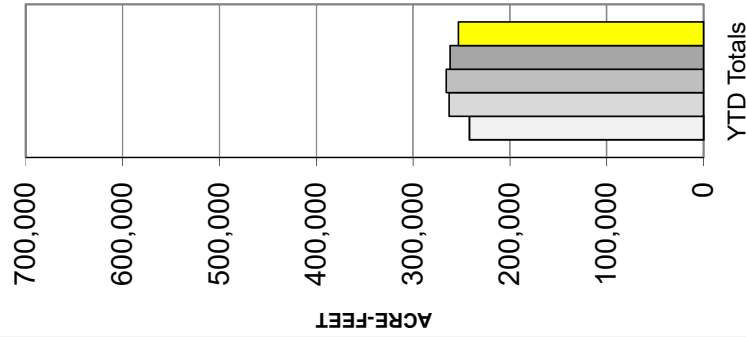
[4] Total water usage includes IRWD groundwater agricultural use and usage by non-retail water agencies.



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



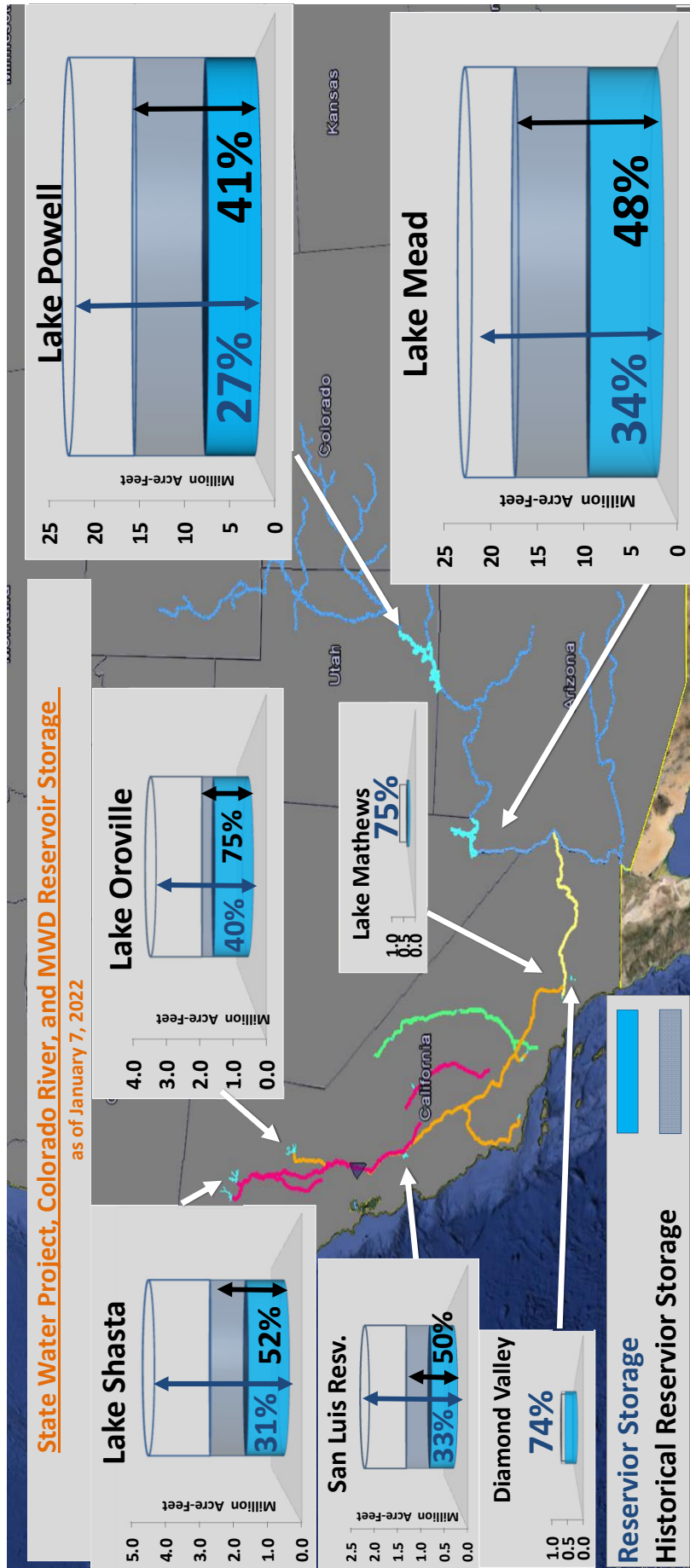
Partial Year Subtotals



[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.

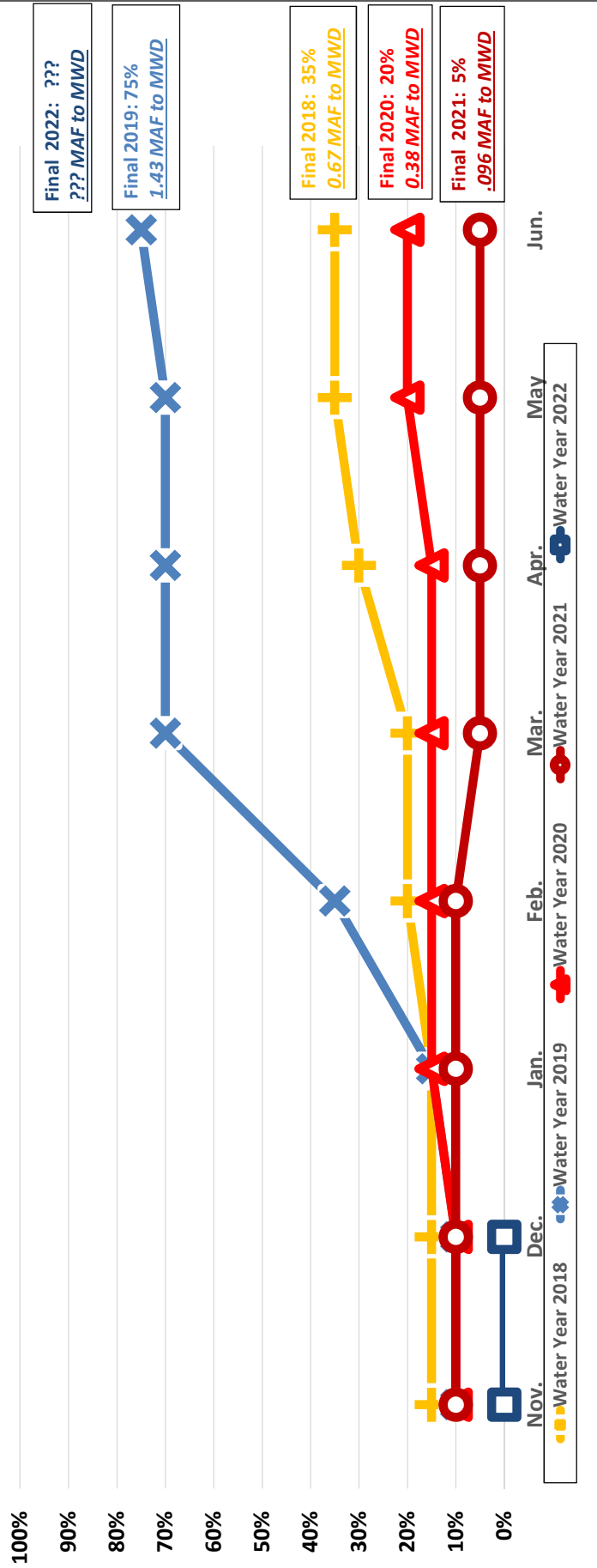
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State Water Project, Colorado River, and MWD Reservoir Storage as of January 7, 2022

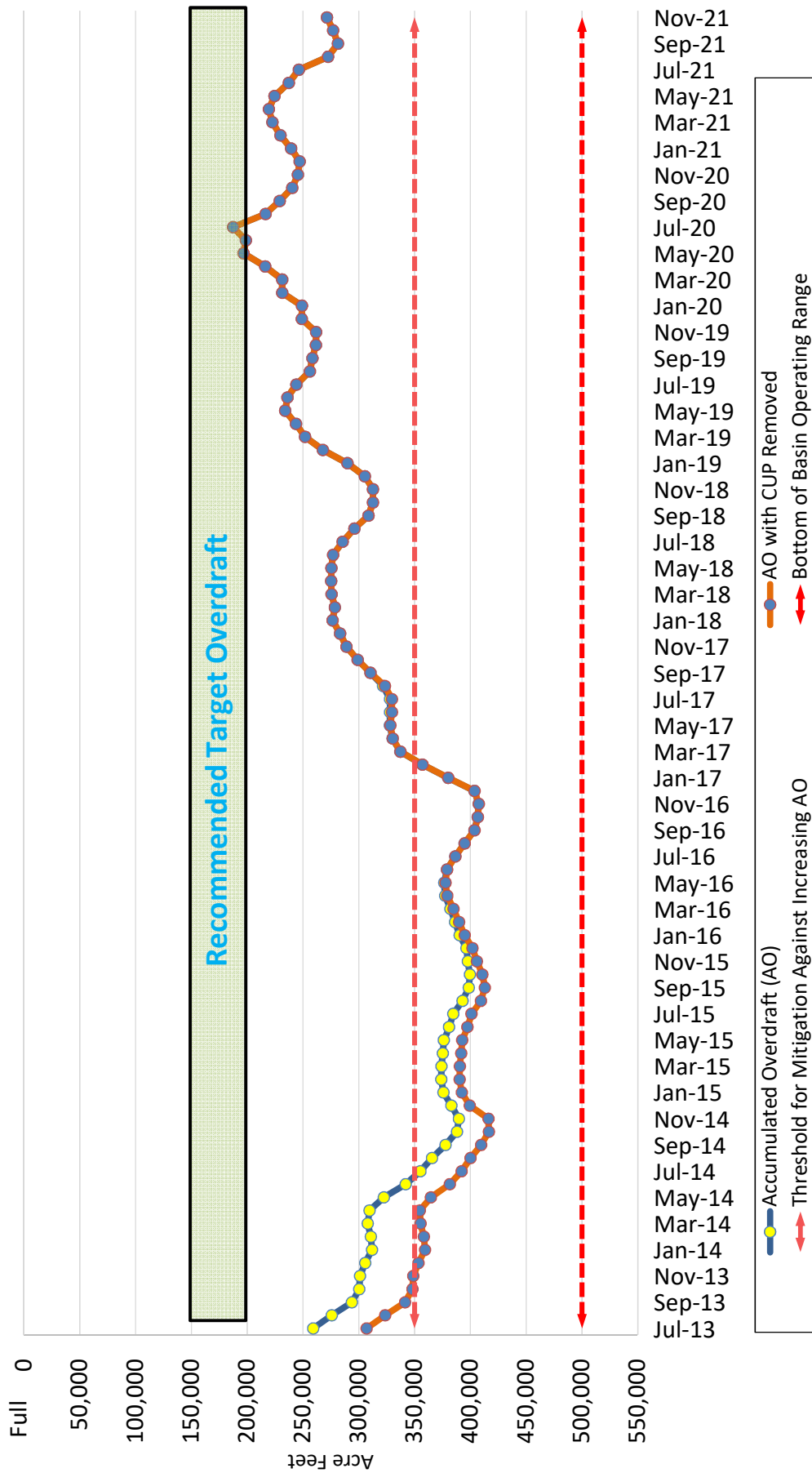


SWP TABLE A ALLOCATION PERCENTAGE

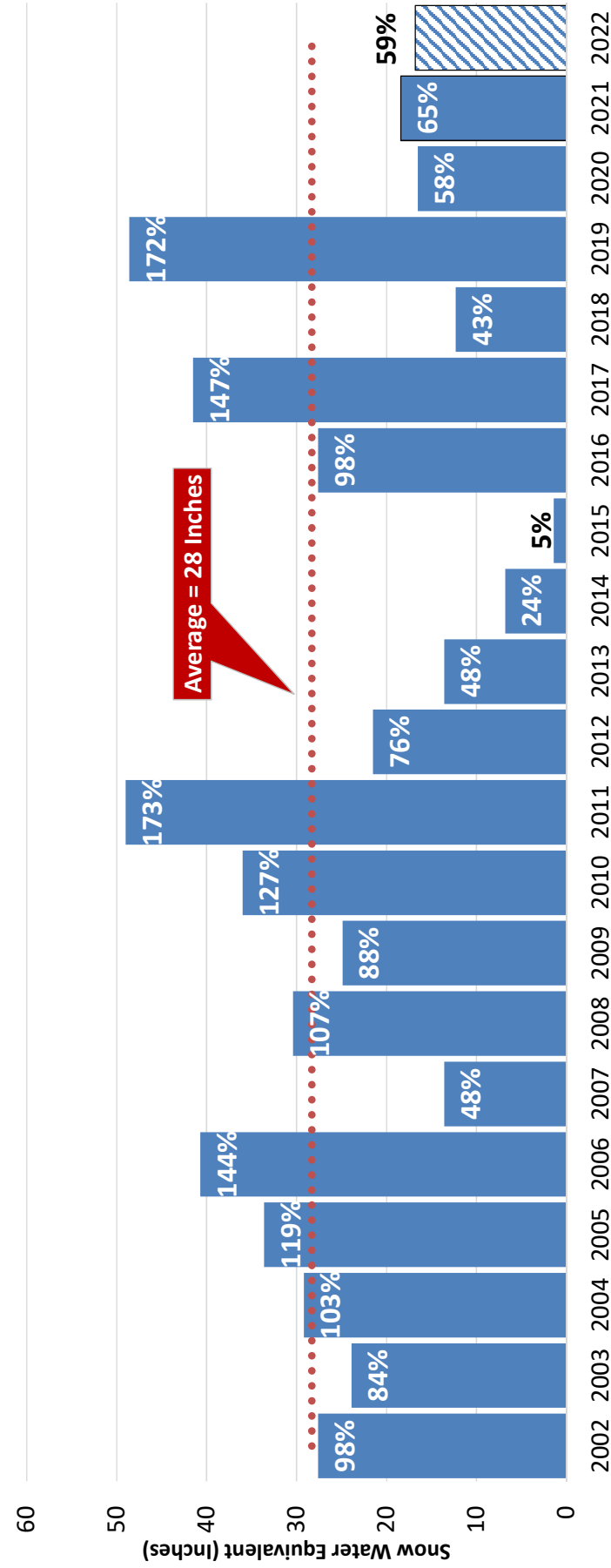
FOR STATE WATER PROJECT CONTRACTORS



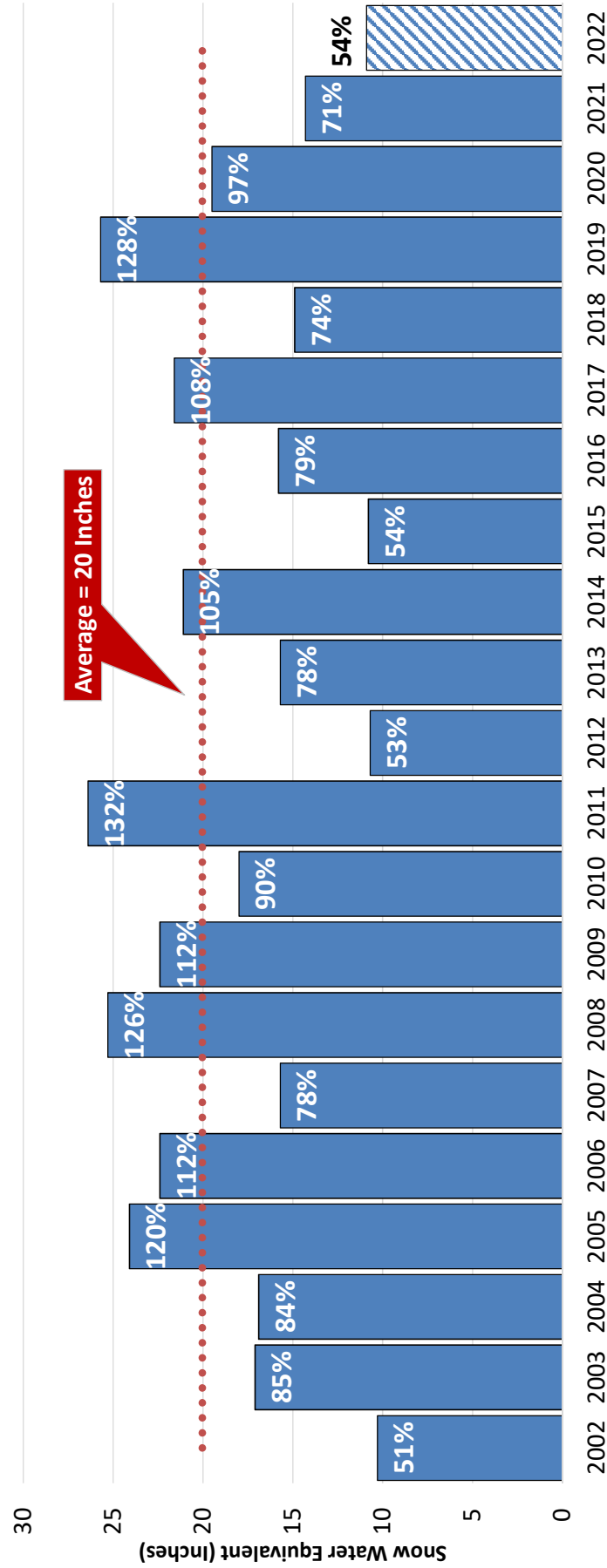
Accumulated Overdraft of the OCWD Groundwater Basin as of November 2021

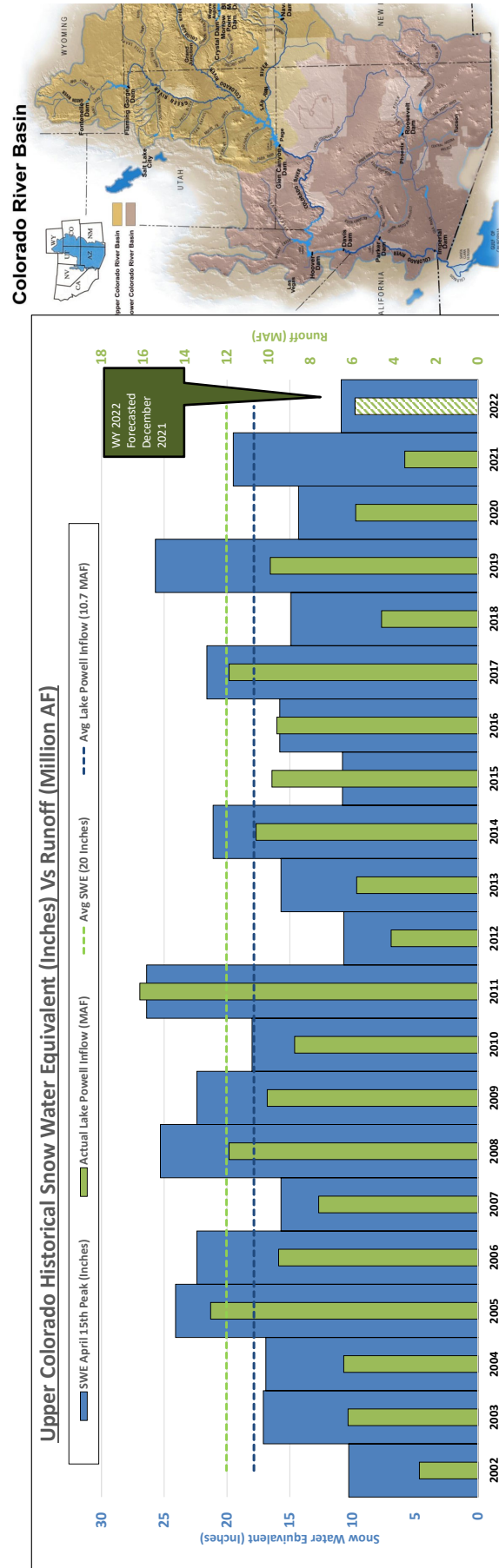
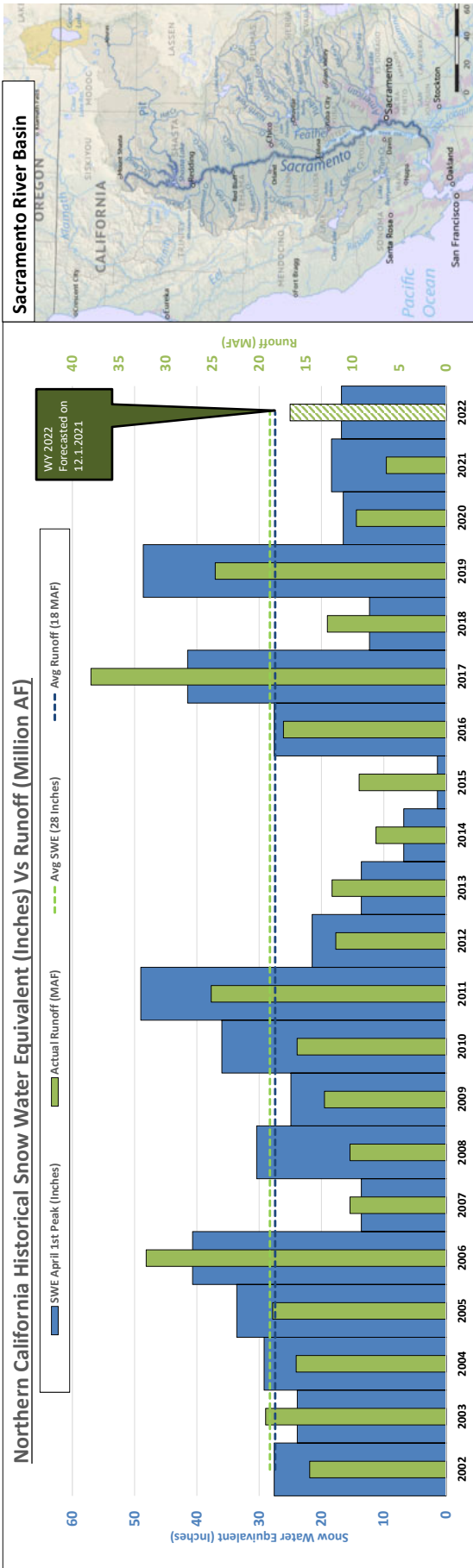


Historical Northern California April 1st Peak Snow Water Equivalent



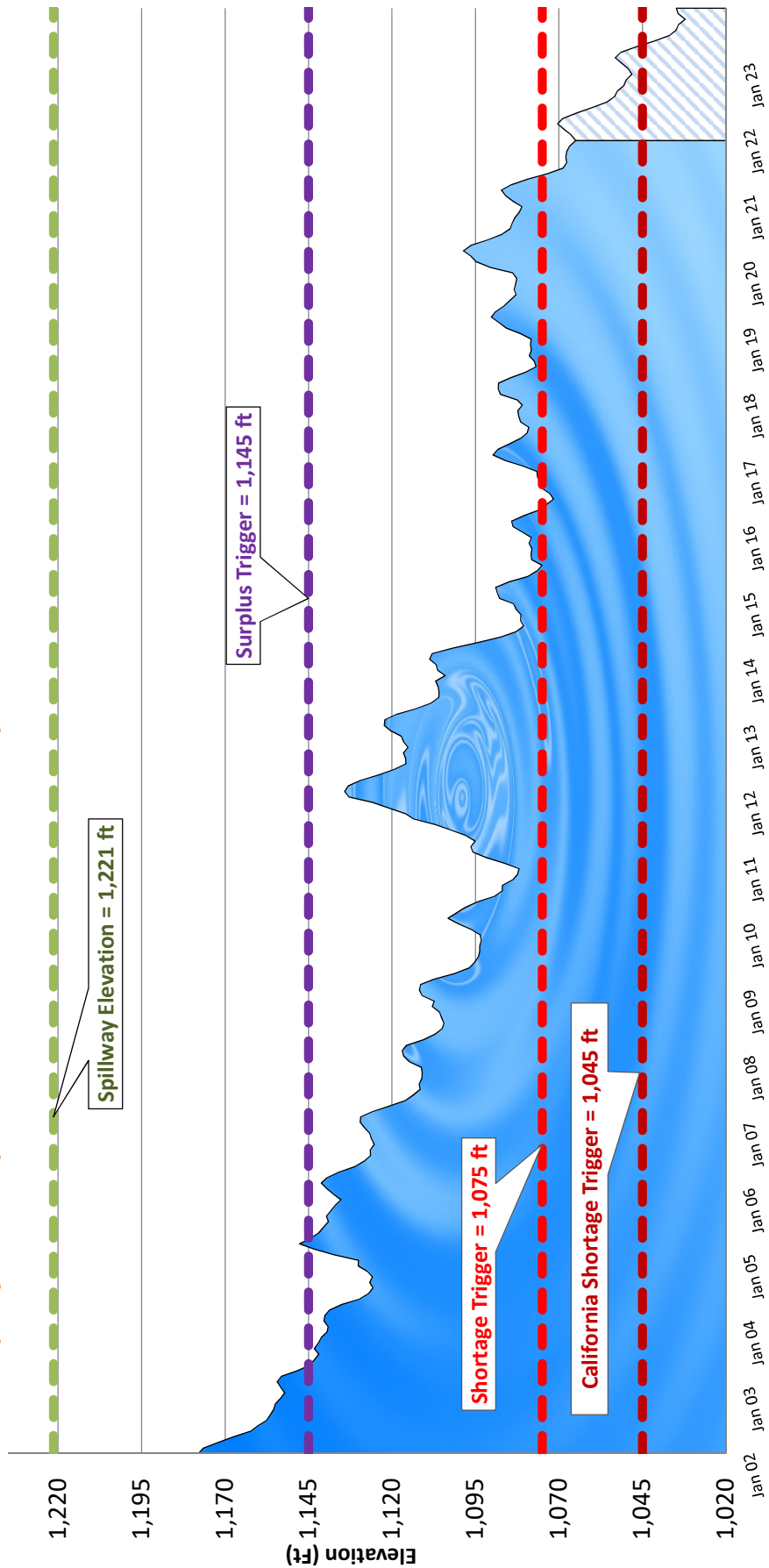
Historical Colorado Basin April 15th Peak Snow Water Equivalent







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

