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

MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

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

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

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

PRESENTATION ITEM

1. GRANTS TRACKING AND ACQUISITION PROGRAM UPDATE BY SOTO RESOURCES

PROPOSED BOARD CONSENT CALENDAR ITEMS

2. TREASURER'S REPORT
   a. Revenue/Cash Receipt Report – January 2022
   b. Disbursement Approval Report for the month of February 2022
   c. Disbursement Ratification Report for the month of January 2022
   d. GM Approved Disbursement Report for the month of January 2022
   e. Consolidated Summary of Cash and Investment – December 2021
   f. OPEB and Pension Trust Fund monthly statement

3. FINANCIAL REPORT
   a. Combined Financial Statements and Budget Comparative for the Period Ending December 31, 2021
   b. Quarterly Budget Review

DISCUSSION ITEMS

4. FY 2022-23 FIRST DRAFT BUDGET

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.)

5. SEMI-ANNUAL DIRECTORS ACTIVITIES REPORT

6. SEMI-ANNUAL OVERTIME REPORT

7. ANNUAL AUTO ALLOWANCE REPORT

8. DEPARTMENT ACTIVITIES REPORTS
   a. Administration
   b. Finance and Information Technology

9. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

OTHER ITEMS

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

ADJOURNMENT

NOTE: At the discretion of the Committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated, and may be subject to action by the Committee. On those items designated for Board action, the Committee reviews the items and makes a recommendation for final action to the full Board of Directors; final action will be taken by the Board of Directors. Agendas for Committee and Board meetings may be obtained from the District Secretary. Members of the public are advised that the Board consideration process includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

Item No. 1

PRESENTATION
February 9, 2022

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

FROM: **Robert Hunter, General Manager**

Staff Contact: Heather Baez

SUBJECT: **GRANTS TRACKING AND ACQUISITION PROGRAM UPDATE BY SOTO RESOURCES**

STAFF RECOMMENDATION

Staff recommends the Administration & Finance Committee review and discuss the information presented.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

BACKGROUND

In March 2018, the Board of Directors authorized a contract with Soto Resources to provide grant assistance to MWDOC and its member agencies that includes: tracking, writing (upon request) and acquisition.

DETAILED REPORT

At the request of the Board of Directors, staff has invited Joey Soto of Soto Resources to provide an update and review of 2021 on her work on behalf of MWDOC and its member agencies.

This presentation includes a brief overview of the grants tracking and acquisition program, regular efforts by Soto Resources, grants inquiries, information provided to MWDOC and its member agencies, grant applications, and awards.

Attachment: Soto Resources Presentation
Member Agency Project List – Last Updated January 2022
Funding Opportunities Spreadsheet – January 2022

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

Grant Assistance Program Update 2022

Joey Soto,
Funding Consultant

February 9, 2022

Grant Assistance Program Overview

- Project List, Monthly Reporting & Bi-monthly calls
- Go/No-Go Evaluations & Communication
- Grant Application Writing or Review (under separate contract)

Monthly Reporting, Go/No-go Evaluations, Other Requests

1. Update Project List (Funding Needs)
2. Research & Update Funding Opportunities
3. Match Projects to Potential Funding Opportunities
4. Summary Table of Upcoming Deadlines
5. Funding Alert Notices
6. Emails/Calls with Member Agencies
7. Communication with Funding Agencies
8. Go/No-go evaluations
9. Other items, as requested

Summary of Applications with Upcoming Deadlines and Webinars/Funding Meetings

Primary Project Benefit	Agency & Program Name	Due Date
Water Supply Reliability, Efficiency, Quality, Energy	CA DWR - Integrated Regional Water Management (IRWM) Proposition 1, Round 2	Workshop: **Feb. 8, 2022** Comments Draft GL/PSP: **Feb. 18, 2022**
Hazard Reduction, Flood, Wildfire	US EPA - FEMA Hazard Mitigation Grant Program (HMGP)	Opened: November 8, 2020 NOI Due: **Feb. 15, 2022**
Water Supply and Reliability	DWR - Sustainable Groundwater Management (SGM) Grant Program SGMA Implementation, Round 1	Opened: December 24, 2021 Due: **Feb. 18, 2022**
Wetlands, Habitat	US Fish and Wildlife Service - NAWCA 2023-1 US Standard Grants	Opened: December 3, 2021 Due: **Feb. 26, 2022**
Water Supply, Reliability and Efficiency, Parks	CA Department of Parks and Recreation – Habitat Conservation Fund (HCF)	Opened: November 30, 2021 Due: **Mar. 1, 2022**
Parks	CA Department of Parks and Recreation - Recreational Trails Program (RTP)	Opened: September 21, 2021 Due: **Mar. 1, 2022**
Water Quality, Habitat & Ecosystem Restoration; and Multi-Benefits	CA Department of Fish & Wildlife - Prop 1 Watershed Restoration Grant Program & Delta Water Quality and Ecosystem Restoration Grant Program	Opened: January 24, 2022 Due: **Mar. 4, 2022**
Recreation, Education, DACs, Outreach	CA Coastal Conservancy - Explore the Coast	Opened: January 6, 2022 Due: **Mar. 11, 2022**

ATTACHMENT 1 PROJECT LIST EXAMPLE

Agency	Project Title	Project Status	Project Description	Estimated Completion Date	Estimated Project Total Cost	Partner	Agency Contact	Primary Project Benefit
Trabuco Canyon Water District	AMR/AMI Hybrid Project	Planning	Upgrade touch-read meters with AMR to AMI hybrid technology to automatically collect and store hourly consumption data.	2022	$2,000,000	NA	Michael Perea	Water Supply, Reliability, & Efficiency

ATTACHMENT 1 PROJECT & POTENTIAL FUNDING OPPORTUNITIES EXAMPLE

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities			
Trabuco Canyon Water District	Advanced Metering Infrastructure (AMR/AMI Hybrid) Project	Water Supply, Reliability and Efficiency	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects	**US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants**	California Department of Water Resources - Urban and Multibenefit Drought Relief Program FY22

ATTACHMENT 2 FUNDING OPPORTUNITIES EXAMPLE

Primary Project Benefit	Agency & Program Name	Program Description & Eligible Projects	Eligible Applicants	Funding Amount & Cost Share/Funding Match	Due Date	Link to Guidelines / Application	Comments
Funding Applications with Deadlines							
Water Supply, Reliability, Efficiency, Energy	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants (WEEG) for Fiscal Year 2022	Water conservation and renewable energy projects that result in quantifiable and sustained water savings or improved water management. Renewable projects that increase the use of renewable energy sources in managing and delivering water and/or projects that upgrade existing water management facilities resulting in quantifiable and sustained energy generation and/or savings. Water Conservation (canal lining/piping, municipal metering, irrigation flow measurement, SCADA, landscape irrigation measures, high-efficiency indoor appliances and fixtures, and commercial cooling); Renewable Energy Projects (related to water management/delivery).	Category A: States, Indian Tribes, irrigation districts, and water districts; State, regional, or local authorities, whose members include one or more organizations with water or power delivery authority; Category B: Nonprofit conservation organizations that are acting in partnership with and with the agreement of an entity described in Category A.	Estimated Total Program Funding: $15 million Funding Group I: Up to $500,000 for smaller, on-the-ground projects to be completed within two years of award date. Funding Group II: Up to $2,000,000 for larger, phased, on-the-ground projects to be completed within three years from award date. Can submit in both Funding Groups, but no more than $2,000,000 awarded to any one applicant. Cost Share: 50% or greater.	FOA posted August 3, 2021 Due Date: November 3, 2021 4pm MST Awards: Spring 2022 Notification	https://www.grants.gov/web/grants/view-opportunity.html?opId=327729	FOA Number: BOR-DO-20-F001

2021 ACCOMPLISHMENTS

- ~$8.5 million in grant awards (6 awards)
- 7 grant applications submitted
- 1 agency and 31 projects added to the project list
- 34 funding programs added to tracking sheets
- 300 emails communicating funding opportunities
- 10 go/no-go evaluations completed for 8 funding programs
- 8 bi-monthly conference calls with member agencies

TOTAL PROGRAM SUCCESS

(JULY 2018 – JANUARY 2022)

~$31 million Grant Funding / 15 Grant Applications Awarded

~$110 million Loan Funding Selected

~$6 million Grant Funding Pending for 3 Grants

23 Agencies with 165 Projects on the Project List

166 Funding Programs in the Monthly Report

65 Go/No-Go Evaluations Completed

1,800 Funding Inquiry Emails

9 Bi-monthly Calls Conducted

Questions?

Thank you!

Attachment 1
MWDOC Member Agency Grant Assistance Program Monthly Report
PROJECTS AND POTENTIAL FUNDING

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
City of Brea	Reclaim Water Treatment and Pump Station at Sports Park	Water Supply and Reliability	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit	California State Water Resources Control Board - Water Recycling Funding Program Grants & Loans	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - Integrated Regional Water Management (IRWM) Proposition 1	Metropolitan Water District of Southern California - Community Partnering Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - Urban and Multibenefit Drought Relief Program
	Reclaim Water Treatment and Pump Station at Birch Hills Golf Course	Water Supply and Reliability	California State Water Resources Control Board - Water Recycling Funding Program Grants & Loans	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Community Partnering Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - Urban and Multibenefit Drought Relief Program	
	Valencia Reservoir Recoating	Water Supply and Reliability	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants				
	Rehabilitation Booster Pump Station #2	Water Supply and Reliability	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	California Energy Commission: The Energy Partnership Program and Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans	
	Rehabilitation Booster Pump Station #3	Water Supply and Reliability	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Energy Commission: The Energy Partnership Program and Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit	California Department of Water Resources - IRWM Prop 1	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans
	AMI Meter Upgrades	Water Supply and Reliability	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants	California Department of Water Resources - Urban and Multibenefit Drought Relief Program			

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
City of Fountain Valley	Citywide Installation of Catch Basin BMPs and/or CDS units	Safety, Flood Management, Water Quality	California Office of Emergency Services, Flood Mitigation Assistance Grant Program	California State Water Resources Control Board - Storm Water Management Grant Program	California State Water Resources Control Board - Clean Beaches Initiative Grant Program	California State Water Resources Control Board - 2022 Nonpoint Source Grant Program - U.S. EPA Clean Water Act Section 319	California Department of Water Resources - Floodplain Management, Protection, and Risk Awareness Grant Program	Orange County Transportation Authority - Measure M, Environmental Cleanup Program (ECP)	California IBank - Infrastructure State Revolving Fund Program
	Well No. 6 Rehabilitation	Water Supply and Water Quality	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - Urban and Multibenefit Drought Relief Program			
	Well No. 8 Rehabilitation	Water Supply and Water Quality	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - Urban and Multibenefit Drought Relief Program			
	Well No. 8 Backup Emergency Generator Installation	Water Reliability	US EPA - FEMA Hazard Mitigation Grant Program	California Office of Emergency Services - Community Power Resiliency Allocation to Cities Program					
	Well No. 8 VFD Installation Upgrade	Water Supply and Energy Efficiency	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	David and Lucille Packard Foundation	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans	California Department of Water Resources - Urban and Multibenefit Drought Relief Program	
	Well No. 11 Rehabilitation	Water Supply and Water Quality	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Energy Commission: The Energy Partnership Program	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		
	Well No. 11 Backup Emergency Generator Installation	Energy and Water Reliability	US EPA - FEMA Hazard Mitigation Grant Program	California Office of Emergency Services - Community Power Resiliency Allocation to Cities Program					
	Chlorine Generator Replacements	Water Supply and Water Quality	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1						

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MWDOC Member Agency Grant Assistance Program Monthly Report
PROJECTS AND POTENTIAL FUNDING

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	MWD Control Station Rehabilitation	Water Supply and Reliability	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1					
	Water Main Replacement Project	Water Supply and Reliability	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1				
City of Garden Grove	Magnolia Reservoirs and Booster Pump Station Project	Water Reliability							
	Water Improv Project - Alwood Ave & Anthony Ave	Water Supply, Reliability and Efficiency							
City of Huntington Beach	Trash Removal Project - Phase I	Water Quality	California State Water Resources Control Board - Storm Water Management Grant Program	California IBank - Infrastructure State Revolving Fund Program	California State Water Resources Control Board - Clean Beaches Initiative Grant Program	California State Water Resources Control Board - 2022 Nonpoint Source Grant Program - U.S. EPA Clean Water Act Section 319	Orange County Transportation Authority - Measure M, Environmental Cleanup Program (ECP)	Resources Legacy Fund (Foundation)	Coca-Cola Foundation
	Trash Removal Project - Phase II	Water Quality	California State Water Resources Control Board - Storm Water Management Grant Program	California IBank - Infrastructure State Revolving Fund Program	California State Water Resources Control Board - Clean Beaches Initiative Grant Program	California State Water Resources Control Board - 2022 Nonpoint Source Grant Program - U.S. EPA Clean Water Act Section 319	Orange County Transportation Authority - Measure M, Environmental Cleanup Program (ECP)	Resources Legacy Fund (Foundation)	Coca-Cola Foundation
City of Newport Beach	San Diego Creek Diversion/Trash Removal Project	Water Quality	California State Water Resources Control Board - Storm Water Management Grant Program	California IBank - Infrastructure State Revolving Fund Program	California State Water Resources Control Board - Clean Beaches Initiative Grant Program	California State Water Resources Control Board - 2022 Nonpoint Source Grant Program - U.S. EPA Clean Water Act Section 319	State Water Resources Control Board (California State Water Resources Control Board), Prop 1 Groundwater Grant Program	Orange County Transportation Authority - Measure M, Environmental Cleanup Program (ECP)	Caltrans - Clean California Local Grant Program
	Advanced Meter Infrastructure (AMI) Upgrade Project	Water Supply, Reliability and Efficiency	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants	California Department of Water Resources - Urban and Multibenefit Drought Relief Program			

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City of Orange	Automatic Meter Reading	Water Supply, Reliability, and Efficiency	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California Department of Water Resources - IRWM Prop 1	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		
	Orange Trash Capturing Devices	Water Quality	California State Water Resources Control Board - Storm Water Management Grant Program	California IBank - Infrastructure State Revolving Fund Program	California State Water Resources Control Board - Clean Beaches Initiative Grant Program	California State Water Resources Control Board - 2022 Nonpoint Source Grant Program - U.S. EPA Clean Water Act Section 319	Resources Legacy Fund (Foundation)	Orange County Transportation Authority - Measure M, Environmental Cleanup Program (ECP)	
City of San Juan Capistrano	City-wide Equestrian Facility LID Improvement Project	Water Quality	California State Water Resources Control Board - Storm Water Management Grant Program						
City of Tustin	Irvine Boulevard Storm Drain Improvements	Flood Management	California IBank - Infrastructure State Revolving Fund Program	California Office of Emergency Services, Flood Mitigation Assistance Grant Program	CA Natural Resources Agency - Prop 68 Urban Flood Protection Grant Program	FEMA - Hazard Mitigation Grant Program (HMGP)	California Department of Water Resources - Floodplain Management, Protection, and Risk Awareness Grant Program		
	Simon Ranch Reservoir	Water Supply	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects			
	Citywide Installation of Catch Basin BMPs and/or CDS units	Water Quality	California State Water Resources Control Board - Storm Water Management Grant Program	California IBank - Infrastructure State Revolving Fund Program	California State Water Resources Control Board - Clean Beaches Initiative Grant Program	California State Water Resources Control Board - 2022 Nonpoint Source Grant Program - U.S. EPA Clean Water Act Section 319	Orange County Transportation Authority - Measure M, Environmental Cleanup Program (ECP)	Resources Legacy Fund (Foundation)	Coca-Cola Foundation
	Emergency Operations Center and City Corporate Yard	Water Quality	California State Water Resources Control Board - Storm Water Management Grant	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1				

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	Newport Avenue Extension	Flood Management	California IBank - Infrastructure State Revolving Fund Program	California Office of Emergency Services, Flood Mitigation Assistance Grant Program	California Department of Water Resources - Floodplain Management, Protection, and Risk Awareness Grant Program				
	Tustin Legacy Linear Park	Park	CA Department of Parks and Recreation - Land and Water Conservation Fund	CA Department of Parks and Recreation - Recreational Trails Program	CA Department of Parks and Recreation - Prop 68 Statewide Parks Program	CA Department of Parks and Recreation - Prop 68 Per Capita Parks and Water Bond 2018 - Per Capita Program	CA Department of Parks and Recreation - Prop 68 Regional Park Program	Caltrans - Clean California Local Grant Program	
City of Westminster	Proposed Waterline within the Abandoned Navy Railroad	Water Supply	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1				
	Well No. 6 Replacement	Water Supply	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California IBank - Infrastructure State Revolving Fund Program	California State Water Resources Control Board - Prop 1 Groundwater Grant Program (GWGP), Round 3	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		
	Westminster City Wide Trash Capture Devices	Water Quality	California State Water Resources Control Board - Storm Water Management Grant Program	California IBank - Infrastructure State Revolving Fund Program	California State Water Resources Control Board - Clean Beaches Initiative Grant Program	California State Water Resources Control Board - 2022 Nonpoint Source Grant Program - U.S. EPA Clean Water Act Section 319	Resources Legacy Fund (Foundation)	Coca-Cola Foundation	Orange County Transportation Authority - Measure M, Environmental Cleanup Program (ECP)
East Orange County Water District	Peters Canyon Water Treatment Plant Reconstruction	Water Supply	USEPA Water Infrastructure Finance and Innovation Act (WIFIA) Loans Program	California State Water Resources Control Board - Storm Water Management Grant Program	California Department of Water Resources - IRWM Prop 1	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	Multiple Utilities Savings By Design	Multiple Utilities, On-Bill Financing 0% Loan	California Department of Water Resources - Urban and Multibenefit Drought Relief Program
	Vista Panorama Reservoir Replacement	Water Supply	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California Office of Emergency Services, BRIC	FEMA - Hazard Mitigation Grant Program (HMGP)		

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Fireflow Improvement Project	Reliability	U.S. Economic Development Administration: FY 2020 Public Works and Economic Adjustment Assistance Programs	California IBank - Infrastructure State Revolving Fund Program					
	Wholesale System Water Quality Improvement Program	Water Quality	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1				
El Toro Water District	JRWSS Turnout - Pump Station Project	Water Supply and Reliability	California IBank - Infrastructure State Revolving Fund Program	CA Department of Water Resources - IRWM Prop 1					
	Filter Plant Site Use Plan (includes EOC with WEROC)	Regional Emergency Operations	California IBank - Infrastructure State Revolving Fund Program	Southern California Edison (SCE), Savings by Design					
	El Toro Reservoir (R-6) Floating Cover and Liner Replacement	Water Supply, Quality and Reliability	California IBank - Infrastructure State Revolving Fund Program						
	South County Turnout	Water Supply and Reliability	California IBank - Infrastructure State Revolving Fund Program						
	Automated Meter Reading (AMR) System	Water Supply and Reliability	California IBank - Infrastructure State Revolving Fund Program	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		

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Irvine Ranch Water District	Central Orange County Water Supply and Water Quality Improvement Project	Water Quality and Water Supply	California State Water Resources Control Board - Prop 68 Sustainable Groundwater Management Planning and Implementation Funding Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California Department of Water Resources - IRWM Prop 1	State Water Resources Control Board (California State Water Resources Control Board), Prop 1 Groundwater Grant Program			
	Syphon Reservoir Improvement Project	Water Supply and Reliability	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	US Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) Loans	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California Department of Water Resources - IRWM Prop 1	FEMA - Hazard Mitigation Grant Program (HMGP) (only if upgrading, not replacement)		
	Kern Fan Groundwater Storage Project	Water Supply and Reliability	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	US Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) Loans	California State Water Resources Control Board - Prop 68 Sustainable Groundwater Management Planning and Implementation Funding Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Local Resources Program	California State Water Resources Control Board - Prop 1 Groundwater Grant Program (GWGP)
	Santiago Dam Outlet Tower Improvements	Safety, Flood Management	US Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) Loans	US Environmental Protection Agency FEMA Public Assistance Grant Program	FEMA Rehabilitation of High Hazard Potential Dams Grant Program	California Office of Emergency Services, BRIC	FEMA - Hazard Mitigation Grant Program (HMGP)	California Department of Water Resources - IRWM Prop 1	California Department of Water Resources - Flood Emergency Response Projects Grants

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
			California IBank - Infrastructure State Revolving Fund Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California Office of Emergency Services - Community Power Resiliency Allocation to Special Districts Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - Floodplain Management, Protection, and Risk Awareness Grant Program		
Laguna Beach County Water District	New Moulton Meadows Reservoir	Water Supply and Reliability	California IBank - Infrastructure State Revolving Fund Program	CA DWR - IRWM Prop 1	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects				
Mesa Water District	Mesa Water Reliability Facility Outreach Center	Water Reliability, Efficiency and Education	California State Coastal Conservancy - Ongoing Funding	Metropolitan Water District of Southern California - Community Partnering Program (CPP)	Pacific Life Foundation				
	OC-44 Pipeline Rehabilitation	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	Chandler/Croddy Wells & Pipeline	Water Supply	Coca-Cola Foundation (Private Foundation)	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		
	Building & HVAC Improvements	Energy Efficiency	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California Energy Commission (CEC): The Energy Partnership Program	California Energy Commission (CEC): Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit	SDG&E, Energy Efficiency Business Rebates (EEBR)		
			Southern California Edison (SCE), Express Solutions	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans					

Attachment 1

MWDOC Member Agency Grant Assistance Program Monthly Report

PROJECTS AND POTENTIAL FUNDING

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Reservoirs 1 & 2 Chemical Management System	Water Quality	California Department of Water Resources (DWR) - Integrated Regional Water Management (IRWM) Proposition 1	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1					
	19th Street & Harbor Blvd. Pipeline Replacement	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	Harbor/Wilson Pipeline	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	Santa Ana Pressure Reducing Station Upgrade	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center					
	Pipeline Integrity Testing Program	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	I-405 Fairview Pipeline	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				

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PROJECTS AND POTENTIAL FUNDING

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	PLC Replacements	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center					
	Cathodic Protection	Water Reliability	California Department of Water Resources - IRWM Prop 1	California Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	Fire Flow Enhancements (Phase 1)	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	Fire Flow Enhancements (Phase 2 - 8"/7,700')	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	Abandoned Vault Closures	Water Quality	California Department of Water Resources - IRWM Prop 1	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1					
	4" Diameter Main Replacements (8"/5,000')	Water Reliability	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1					

SOTO Resources

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Pipeline Replacements (Phase 2 - 8"/8,000')	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	Southeastern Pipeline Replacements (Phase 2 - 8"/800')	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	Fire Flow Enhancements (Phase 3 - 8"/8,200')	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1				
	OC-44 Armor Protection	Water Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	State of California Coastal Conservancy - Climate Ready Grant Program				
Moulton Niguel Water District	MNWD District-Wide Recycled Water Retrofit Program	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Community Partnering Program	Metropolitan Water District of Southern California - Onsite Retrofit Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	US Bureau of Reclamation WaterSMART Grants - Title XVI WIIN Water Reclamation and Reuse Projects	
	Recycled Water Distribution System Improvements	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Local Resources Program	US Bureau of Reclamation WaterSMART Grants - Title XVI WIIN Water Reclamation and Reuse Projects			

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PROJECTS AND POTENTIAL FUNDING

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Recycled Water La Paz Road Bridge Crossing	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Local Resources Program	US Bureau of Reclamation WaterSMART Grants - Title XVI WIIN Water Reclamation and Reuse Projects			
	Recycled Water Main Replacement from Galivan PS to La Paz PS	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Local Resources Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	US Bureau of Reclamation WaterSMART Grants - Title XVI WIIN Water Reclamation and Reuse Projects		
	Recycled Water Main Replacement from Cabot Road to Galivan PS	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Local Resources Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	US Bureau of Reclamation WaterSMART Grants - Title XVI WIIN Water Reclamation and Reuse Projects		
	Recycled Water Main Expansion from Greenfield Drive to Cabot Road	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Local Resources Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	US Bureau of Reclamation WaterSMART Grants - Title XVI WIIN Water Reclamation and Reuse Projects		
Municipal Water District of Orange County	Building of the WEROC South Emergency Operations Center	Coordination, Disaster Management	California Office of Emergency Services, BRIC	Southern California Edison (SCE), Savings by Design	California IBank - Infrastructure State Revolving Fund Program				
	Incident Management, Information Sharing, and Situational Awareness Platform	Coordination, Disaster Management							
	Pilot Project - Emergency Local Water Supply Pump-in to MET Pipeline	Water Supply, Emergency	California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1	California Office of Emergency Services, Building Resilient Infrastructure and Communities (BRIC)	California Department of Water Resources - Urban and Multibenefit Drought Relief Program				

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Regional Fuel Project	Logistics and Supply Chain							
Santa Margarita Water District	Joint Recycled Water Conveyance Project	Water Supply, Reliability and Efficiency	US Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) Loans	US Bureau of Reclamation - WaterSMART: Water Reclamation and Reuse Research under the Title XVI Program	US Bureau of Reclamation - Title XVI Congressionally Authorized Water Reclamation and Reuse Projects	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1
			Metropolitan Water District of Southern California - Onsite Retrofit Program	California Department of Water Resources - Urban and Multibenefit Drought Relief Program					
	Recycled Water Conversions - Las Flores Improvement District No. 4B	Water Supply, Reliability and Efficiency	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Onsite Retrofit Program	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		
	Recycled Water Conversions– Rancho Santa Margarita (RSM) Improvement District No. 4A	Water Supply, Reliability and Efficiency	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Onsite Retrofit Program	Metropolitan Water District of Southern California - Onsite Retrofit Program	California Department of Water Resources - Urban and Multibenefit Drought Relief Program	
	Recycled Water Upgrades in San Clemente	Water Supply, Reliability and Efficiency	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	California Department of Water Resources - Urban and Multibenefit Drought Relief Program			
	San Juan Watershed Phase 1 Project	Water Supply, Reliability and Efficiency	US Bureau of Reclamation WaterSMART Grants - Title XVI WIIN Water Reclamation and Reuse Projects	US Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) Loans	California Department of Water Resources - IRWM Prop 1	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1			

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Recycled Water Conversions - Melinda Improvement District No. 3A	Water Supply, Reliability and Efficiency	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California State Water Resources Control Board - Water Recycling Program	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Onsite Retrofit Program			
	AMI Meter Upgrades Pilot Program	Water Supply, Reliability and Efficiency	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants	California Department of Water Resources - Urban and Multibenefit Drought Relief Program			
	Disadvantaged Communities Funding for San Juan Capistrano	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Clean Water State Revolving Fund (SJC not DAC eligible)	California Department of Water Resources - IRWM Prop 1					
	Ranch Water Filtration Plant	Water Supply, Reliability and Efficiency	US Bureau of Reclamation WaterSMART: Water Reclamation and Reuse Research under the Title XVI Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	Metropolitan Water District of Southern California - Local Resources Program (LRP)	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		
Serrano Water District	Santiago Creek Reservoir (Irvine Lake) Outlet Tower Seismic Replacement and Spillway Modernization	Flood Management, Increase Water Supply, Reliability and Efficiency	US Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) Loans	US Environmental Protection Agency FEMA Public Assistance Grant Program	California Department of Water Resources - IRWM Prop 1	California Department of Water Resources - Flood Emergency Response Projects Grants			
			California IBank - Infrastructure State Revolving Fund Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California Office of Emergency Services - Community Power Resiliency Allocation to Special Districts Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - Floodplain Management, Protection, and Risk Awareness Grant Program		
	New Well	Increase Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	Metropolitan Water District of Southern California - Local Resources Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		
	Smith Reservoir Replacement	Increase Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California Department of Water Resources - IRWM Prop 1					

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Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
South Coast Water District	Doheny Ocean Desalination Plant Project including alternative energy (i.e. solar, fuel cell, battery storage, etc.)	Energy	California Office of Emergency Services - Community Power Resiliency Allocation to Special Districts Program	SDG&E - Self-Generation Incentive Program	California Energy Commission: The Energy Partnership Program	California Energy Commission, Developing non-Lithium Ion Energy Storage Technologies to Support California's Clean Energy Goals	California Energy Commission, Assessing Long-duration Energy Storage Deployment Scenarios to Meet California's Energy Goals		
	LS2 Station Rehabilitation/ Replacement	Water Supply, Reliability and Efficiency; and Natural Resources Protection	California IBank - Infrastructure State Revolving Fund Program	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	SDG&E, Energy Efficient Business Incentives (EEBI) SDG&E On-Bill Financing 0% Loan	California DWR - Coastal Watershed Flood Risk Reduction Program	California State Water Resources Control Board - Clean Water State Revolving Fund Loan Program	
	Targeted Water Conservation Program	Water Supply, Reliability and Efficiency	US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects						
	Flume Program	Water Supply, Reliability and Efficiency	US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects						
	Recycled Water Distribution System Extensions/Conversions (Planning and Construction)	Water Supply, Reliability and Efficiency	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - IRWM Prop 1	Metropolitan Water District of Southern California - Local Resources Program	California State Water Resources Control Board - Water Recycling Funding Program			
	Golden Lantern/Stonehill Recycled Water Distribution Improvements Project Bottleneck Phase II	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Water Recycling Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	Metropolitan Water District of Southern California - Local Resources Program	California Department of Water Resources - Urban and Multibenefit Drought Relief Program			

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Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Joint Regional Water Supply System (JRWSS) Transmission Pipeline Replacement Project	Water Supply, Reliability	California IBank - Infrastructure State Revolving Fund Program						
	Reservoir 2B and 3B Replacement Project	Water Supply, Reliability and Efficiency; and Fire protection	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	FEMA - Hazard Mitigation Grant Program (HMGP)		
	PS9 Upgrades	Water Supply, Reliability and Efficiency	California Office of Emergency Services - Community Power Resiliency Allocation to Special Districts Program	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	California Department of Water Resources - IRWM Prop 1	
	LS11 Replacement	Water Supply, Reliability and Efficiency	California IBank - Infrastructure State Revolving Fund Program	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	SDG&E Savings By Design	SDG&E, Energy Efficient Business Incentives (EEBI)	SDG&E On-Bill Financing 0% Loan	
	Doheny Desalination (Studies/Planning)	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	Metropolitan Water District of Southern California - Local Resources Program					
	Doheny - State Park Educational Center	Education	California Department of Parks and Recreation - Regional Park Program (RPP), Prop 68	California Department of Parks and Recreation - Prop 68 Parks and Water Bond 2018 - Per Capita Program	California State Coastal Conservancy Ongoing Funding	California State Coastal Conservancy - Coastal Resource and Public Access Program	California Coastal Conservancy - Explore the Coast		

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Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Coast Hwy Water Transmission Line Replacement Study - Assessment	Water Supply and Reliability							
	Fire Flow Pipeline Upgrades-Laguna Cliffs Marriott Ph 1-2	Water Supply and Reliability	California IBank - Infrastructure SRF Program	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center					
	Groundwater Recovery Facility (GRF) Automatic Transfer Switch (ATS)	Flood Prevention, Power, Energy	California IBank - Infrastructure SRF Program	California Office of Emergency Services - Community Power Resiliency Allocation to Special Districts Program					
	Mission Hospital Pipeline Improvements	Water Supply and Reliability	California IBank - Infrastructure SRF Program	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center					
	PCH Pressure Reducing Valve (PRV) Upgrades Project	Water Supply and Reliability	California IBank - Infrastructure SRF Program	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center					
	Creekside Well Project	Water Supply and Reliability	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California IBank - Infrastructure State Revolving Fund Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		
	LS13 and LS14 Improvements	Wastewater Reliability and Efficiency	California IBank - Infrastructure SRF Program	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center	California State Water Resources Control Board - Clean Water State Revolving Fund (CWSRF) Program: Wastewater Treatment Projects and Expanded Use				

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
Trabuco Canyon Water District	Advanced Metering Infrastructure (AMR/AMI Hybrid) Project	Water Supply, Reliability and Efficiency	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants	California Department of Water Resources - Urban and Multibenefit Drought Relief Program			
	SCADA System Upgrade Project	Water Reliability	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	California Department of Water Resources (DWR) - Integrated Regional Water Management (IRWM) Proposition 1	California Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center			
	Domestic Water Storage Tank Structural Improvement Evaluation	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California IBank - CLEEN Center	California Department of Water Resources - IRWM Prop 1			
	Domestic Water Main Feeder Structural Evaluation and Improvements	Water Supply, Reliability and Efficiency	California Department of Water Resources - IRWM Prop 1	California Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center					
	Robinson Ranch Urban Runoff Capture Facility Planning Studies	Water Supply, Reliability and Efficiency	US Bureau of Reclamation - WaterSMART: Water Reclamation and Reuse Research under the Title XVI Program	California State Water Resources Control Board - Storm Water Management Program	California State Water Resources Control Board - Clean Water State Revolving Fund Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects (for implementation phase only)	California Department of Water Resources - Floodplain Management, Protection, and Risk Awareness Grant Program		
	Groundwater Opportunities Exploration Study	Water Supply, Reliability and Efficiency	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Contingency Planning Grants		

Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	District Facility Backup Power Generators for Emergency Purposes	Water Supply, Reliability and Energy Efficiency	FEMA - Hazard Mitigation Grant Program (HMGP)	California Office of Emergency Services - Community Power Resiliency Allocation to Special Districts Program					
	Electric Vehicle Charging Station	Air Quality	SCAQMD - Carl Moyer Memorial Air Quality Standards Attainment Program (CMP)	California Energy Commission (CEC) - Energy Infrastructure Incentives for Zero-Emission (EnergIIZE) Commercial Vehicles Project					
	Domestic Water Tank	Water Supply, Reliability and Energy Efficiency	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects						
West Orange County Water Board	6 Miles of OC-35 Transmission Main Cathodic Protection	Water Reliability	California IBank - Infrastructure State Revolving Fund Program						
	5.3 Miles of OC-35 Transmission Main Cathodic Protection	Water Reliability	California IBank - Infrastructure State Revolving Fund Program						
Yorba Linda Water District	Grandview Ave. & Ridge Wy. Waterline Improvements	Water Reliability	California IBank - Infrastructure State Revolving Fund Program						
	Well Rehabilitation Project	Water Supply	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - Urban and Multibenefit Drought Relief Program			
	Well 22 Equipping	Water Supply, Reliability	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California State Water Resources Control Board - Public Water System Drought Emergency Response Program	California IBank - Infrastructure State Revolving Fund Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - Urban and Multibenefit Drought Relief Program		

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Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Meter Replacement Program (AMI)	Water Supply, Efficiency, Reliability	US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants	US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects	US Bureau of Reclamation WaterSMART Grants - Water and Energy Efficiency Grants				
	BNSF Crossing - Esperanza Rd./Yorba Linda Blvd	Water Reliability	California IBank - Infrastructure State Revolving Fund Program						
	Timber Ridge Booster Pump Station Rehabilitation	Water Supply, Energy, Reliability	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans	
	Hidden Hills Booster Pump Station Upgrades	Water Supply, Energy, Reliability	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans	
	Lakeview Booster Pump Station Piping	Water Supply, Reliability	California IBank - Infrastructure State Revolving Fund Program						
	Waterline Replacement Project	Water Reliability	California State Water Resources Control Board - Drinking Water State Revolving Fund Prop 1	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1				
	Pressure Reducing Station Replacements	Water Supply, Energy, Reliability	California Department of Water Resources - Integrated Regional Water Management (IRWM) Proposition 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center					
	Lakeview Reservoir Site Rehabilitation	Water Supply, Reliability	California IBank - Infrastructure State Revolving Fund Program						

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Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Fairmont Pressure Reducing Station Replacement	Water Supply, Energy, Reliability	California Department of Water Resources - IRWM Prop 1	CA Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center					
	Box Canyon Pump Replacement	Water Supply, Energy, Reliability	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans	
	BNSF Crossing - Veteran's Village & Highland Ave.	Water Reliability	California IBank - Infrastructure State Revolving Fund Program						
	Santiago Booster Pump Station Rehabilitation	Water Supply, Energy, Reliability	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans	
	Field Headquarters Rehabilitation	Water Reliability, Safety							
	Elk Mountain Booster Pump Station Rehabilitation	Water Supply, Energy, Reliability	California IBank - Infrastructure State Revolving Fund Program	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans		
	Springview Booster Pump Station Rehabilitation	Water Supply, Energy, Reliability	California IBank - Infrastructure State Revolving Fund Program	California Department of Water Resources - IRWM Prop 1	California Energy Commission: The Energy Partnership Program	California Energy Commission: Interest Rate 1% Loan Financing for Energy Efficiency & Energy	California State Water Resources Control Board, Clean Water State Revolving Fund (CWSRF) Program -	Southern California Edison (SCE), On-Bill Financing 0% Interest Loans	
	Well 23 Drilling & Equipping	Water Supply, Reliability	California IBank - Infrastructure State Revolving Fund Program	US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects	California Department of Water Resources - Urban and Multibenefit Drought Relief Program				

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Agency	Project Title	Primary Project Benefit	Potential Current Funding Opportunities - See Note 1						
	Lakeview Booster Pump Station Chemical Feed System Rehabilitation	Water Quality	California IBank - Infrastructure State Revolving Fund Program						
	Resiliency Improvements to District Facilities (AWIA)	Water Reliability							
	Site & Security Upgrades at District Facilities (AWIA)	Safety							

NOTES:
1. Potential Current Funding Opportunities means the funding should be researched further for consideration of true project eligibility, timing, funding amount, etc. before deciding to apply.
2. Some Future Funding Opportunities are included where no Current Funding Opportunities have been identified.

Primary Project Benefit	Agency & Program Name	Program Description & Eligible Projects	Eligible Applicants	Funding Amount & Cost Share/Funding Match	Due Date	Link to Guidelines / Application	Comments
			Funding Applications with Deadlines				
Water Supply, Reliability	**California Department of Water Resources - Urban and Multibenefit Drought Relief Program** **UPDATED**	Projects must support immediate drought response; provide "interim or immediate relief" to drought for projects that are ready to proceed - To address immediate drought impacts on human health and safety, and to protect fish and wildlife resources plus other public benefits, such as ecosystem improvements, and to provide water to persons or communities that lose or are threatened with the loss or contamination of water supplies. Eligible project types include: • Hauled water • Installation of temporary community water tanks • Bottled water • Water vending machine • Emergency water interties • New wells or rehabilitation of existing wells • Construction or installation of permanent connection to adjacent water systems, recycled water projects that support immediate relief to potable water supplies • Fish and wildlife rescue, protection, and relocation • Drought resiliency planning (not applicable to Multibenefit Drought Funds) • Other projects that support immediate drought response that satisfy the criteria and eligibility outlined in the guidelines/PSP. Projects (e.g., water demand management, groundwater recharge, and ecosystem restoration) not explicitly identified by Water Code Section 13198 (c) may still be eligible if projects satisfy the criteria and eligibility outlined in the GL/PSP and address an immediate drought response. Contact DWR with questions on eligibility. Projects must meet one of the following purposes: (1) Address immediate impacts on human health and safety, including providing or improving availability of food, water, or shelter. (2) Address immediate impacts on fish and wildlife resources. (3) Provide water to persons or communities that lose or are threatened with the loss or contamination of water supplies.	• Public agencies (e.g., Counties, cities) • Public utilities • Special districts (e.g., school districts, community service districts, irrigation districts, flood control districts, reclamation districts) • Colleges and universities • Mutual water companies • Nonprofit organizations • Federally recognized Indian tribes • State Indian tribes listed on the Native American Heritage Commission's California Tribal Consultation List	This solicitation will make approximately $190 million in grant funding available for interim or immediate relief in response to conditions arising from drought across California. Underrepresented Communities and Native American Tribes Set-Aside ($50M). An applicant must be an existing grantee of the Proposition 1 IRWM Disadvantaged Community Involvement Program (DACI) program to apply for the Underrepresented Community set-aside; up to $5 million. General Implementation Fund ($140M). Granted to all eligible applicants, with a minimum award amount of $2 million per application. Smaller projects may be bundled together in a single application to meet the minimum grant award requirement. Cost Share: No funding match is required. Eligible Costs: Costs incurred after the award date. Eligible costs include technical assistance, site acquisitions, and costs directly related to the provision of each project. Grant administrative costs less than 10% of the total requested grant amount for the application, but exceptions with reasonable justification. The funding must be encumbered by June 30, 2024, and must be expended by June 30, 2026; therefore, projects must be completed by March 31, 2026.	Applications submitted on a rolling basis **Guidelines and PSP Published October 28, 2021** **Batch 1 Applications Due: November 19, 2021** **Batch 1 Awards: December 23, 2021** **Batch 2 Applications Due: ~~December 17, 2021~~ January 14, 2022** **Batch 2 Awards: Anticipated February 2022**	https://water.ca.gov/Water-Basics/Drought/Urban-Multi-Benefit-Drought	urbandrought@water.ca.gov
Parks	**California Department of Parks and Recreation - Regional Park Program (RPP), Prop 68**	Competitive grants will create, expand, or improve regional parks and regional park facilities. Projects must qualify as a Regional Park, defined as "an open space area or trail system that attracts visitors from at least a 20-mile radius or a county-wide population, offering unique or significant open space with at least one designated recreation feature for nature appreciation, athletic activities, cultural enrichment, or other recreational activities. Acquisition for new or enhanced public access and use, Development to create or renovate: trails, with preference given to multiuse trails over single-use trails, regional sports complexes, visitor and interpretive facilities, or other types of recreation and support facilities in regional parks. Selection criteria includes community based planning and employment/volunteer opportunities. Recommended California Conservation Corps or California Association of Local Conservation Corps involvement.	Counties, regional park districts, regional open-space districts, open-space authorities, JPAs where at least one member is an eligible applicant, nonprofit organizations.	$23,125,000 upon appropriation by legislature. No match required. Project Completion March 2025. CEQA Complete within 3 months of application. Start of Performance Period: July 1, 2020 End of Grant Performance Period: June 30, 2025	**Final Application Guide: posted October 29, 2020** **~~Due date: November 5, 2021~~** **Due date: January 20, 2022** **Awards: Spring 2022**	http://www.parks.ca.gov/?page_id=29940	Competitive (Application / Pre-Award) Project Officer for Orange County Noelle Breitenbach Noelle.Breitenbach@parks.ca.gov 916-654-8686

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Primary Project Benefit	Agency & Program Name	Program Description & Eligible Projects	Eligible Applicants	Funding Amount & Cost Share/Funding Match	Due Date	Link to Guidelines / Application	Comments
Water Supply, Reliability and Efficiency, Water Quality, Flood Management	**US Environmental Protection Agency - FEMA Hazard Mitigation Grant Program (HMGP)** **UPDATED**	For communities to implement mitigation activities to reduce risk to life and property from natural hazards. In CA, natural hazards include wildfire, earthquake, drought, extreme weather, flooding, and other impacts of climate change. HMGP funding can also support the development of Local Hazard Mitigation Plans and project scoping activities. Projects must be eligible, feasible, and cost effective per FEMA's Hazard Mitigation Assistance Guidance. Projects must be stand-alone activities that will reduce risk as their primary benefit, but Cal OES strongly encourages the submission of projects that achieve multiple benefits. Examples of mitigation projects that can be funded through HMGP include, but are not limited to: Dry Floodproofing of Historic Residential Structures, Hazard Mitigation Plan; Mitigating Flood and Drought Conditions; Wildfire Mitigation; Wind Retrofit; Hazard mitigation planning; Hazardous fuels reduction; Ignition resistant construction; Defensible space; Post-disaster code enforcement; Soil stabilization; Erosion control; Localized and non-localized flood risk reduction; Structure elevation; Critical facility generators; Dry flood proofing; Mitigation reconstruction; Structural and non-structural retrofitting of existing buildings; Property acquisition. New construction is ineligible in accordance with regulations pertaining to the FEMA Hazard Mitigation Grant Program. Storm Drain/Flood Prevention Improvements – Typically eligible Fire flow Improvement Projects – Likely not eligible Reservoir Replacement/Capacity Expansion Project – Replacement no, upgrading maybe Water Infrastructure Fire Hardening – Typically eligible	Eligible subapplicants from all 58 CA counties are eligible to apply, including: State Agencies Federally-Recognized Tribes Local Governments/Communities Private Non-Profit Organizations Applications are submitted to the state, eligible tribe, or territory, which receives HMGP funds from FEMA. To be eligible, must have a FEMA-approved and locally adopted Local Hazard Mitigation Plan or a Multi-Jurisdictional Hazard Mitigation Plan at time of award. Private nonprofit organizations are not subject to this requirement, but the County in which they are located must meet the LHMP requirement.	Total estimated funding available: TBD 25% non-federal match required. Funding is based on the estimated total or aggregate cost of disaster assistance: Up to 15% of the first $2 billion Up to 10% for amounts between $2 billion and $10 billion Up to 7.5% for amounts between $10 billion and $35.333 billion States with enhanced mitigation plans: Up to 20%, not to exceed $35.333 billion. 36-month Period of Performance Projects must be cost-effective using FEMA's Benefit Cost Analysis (BCA) Toolkit resulting in a benefit cost ratio of 1.0 or greater. FEMA won't approve a project under HMGP if the project is more appropriately funded under another funding program (i.e., USBR, USFWS, etc.). Consult with other programs to make sure FEMA is the most appropriate funding authority before applying. Specific Funding Priorities Listed on CalOES webpage. Consultants should not submit the NOI or application; should be the subapplicant directly.	**NOIs must be submitted by the posted deadline. NOIs submitted after this date considered for the next funding opportunity.** **2021 HMGP Opportunity Released: November 8, 2021** **NOIs due to CalOES: ~~December 31, 2021~~ January 21, 2022** **Subapplications Due: ~~March 10, 2022~~ April 8, 2022** **Selections by CalOES: Late Summer/Early Fall 2022** **FEMA Awards: 2023 Onward**	https://www.fema.gov/hazard-mitigation-grant-program	HMA@caloes.ca.gov www.caloes.gov
Water Supply, Water Quality	**California State Water Resources Control Board - Drinking Water for Schools Grant Program, Round 2 - Access Impaired Projects** **UPDATED**	Improve access to, and the quality of, drinking water in public schools. Install water bottle filling stations, drinking fountains, Point of entry or Point of use devices, corrective measures for lead contamination, and alternative water supplies. Grant funds were awarded to Self-Help Enterprises and Rural Community Assistance Corporation and they will act as Program Administrators. These Program Administrators will work directly with eligible school districts to develop and fund projects for disadvantaged community schools. The first priority will be schools with impaired water quality.	Local educational agencies serving K-12, preschool, and child day care facilities; located on public school property. All projects must benefit students from a disadvantaged community.	Minimum grant of $25K up to $100K for a single school. Minimum grant of $25K up to $1M for an eligible entity.	**Online Workshop January 28, 2022 for Access Impaired Projects.** Applications can be submitted on a continuous basis through FAAST.	www.waterboards.ca.gov/water_issues/programs/grants_loans/schools/	

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Primary Project Benefit	Agency & Program Name	Program Description & Eligible Projects	Eligible Applicants	Funding Amount & Cost Share/Funding Match	Due Date	Link to Guidelines / Application	Comments
Parks, Recreation, Tourism	**US Economic Development - Administration American Rescue Plan, Travel, Tourism & Outdoor Recreation**	Program will help communities and regions devise and implement sustainable economic recovery strategies through a variety of non-construction and construction projects to respond to damage to the travel, tourism, and outdoor recreation sectors from the pandemic and to promote the economic resilience of regions dependent on those industries. Provide financial assistance to communities and regions to rebuild/strengthen their travel, tourism, and outdoor recreation industry through various infrastructure and non-infrastructure projects. Investment priorities: Equity, Recovery & Resilience, workforce development, manufacturing, Technology-based economic development, Environmentally-sustainable development, and growth in exports and foreign direct investment. Focus: new and expanded infrastructure, projects with a multi-state or national focus, and projects in regions most adversely affected by damage to the travel, tourism, and outdoor rec sectors from pandemic. Project Examples: includes construction activities where the project is owned by the Eligible Applicant such as: • Water and stormwater/wastewater improvements, • Pier construction and improvements, • New outdoor recreation and trail infrastructure and public access enhancements, • Nature-based infrastructure projects to improve access to recreation, • Cultural, arts, and tourism facilities (e.g., visitor or tourist information centers), • Workforce training facilities and capacity building programs, • Accessibility enhancements, and • Country-wide or multi-state travel, tourism, or outdoor recreation promotion. While EDA prefers projects that directly support the travel/tourism/outdoor recreation sectors, will consider diversification projects. Ineligible: residential, community amenities, casinos/gaming. Governmental public safety functions, Public facilities (i.e., pools, tennis centers, or purchase/development of office buildings/fire stations).	Eligible applicants for EDA's Competitive Tourism Grants program include a(n): District Organization of an EDA-designated Economic Development District Indian Tribe or a consortium of Indian Tribes State, county, city, or other political subdivision of a State, including a special purpose unit of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions Institution of higher education or a consortium of institutions of higher ed Public or private non-profit organization or association acting in cooperation with officials of a political subdivision of a State	Estimated Total Program Funding: $240,000,000 Seattle Regional Office Allocation (including CA): $57,756,370 Award Ceiling: $10,000,000 Award Floor: $100,000 EDA anticipates funding approximately 150 nonconstruction and construction projects that cost between approximately $500,000 and $10,000,000, although EDA will consider applications above and below these amounts. Grants or Cooperative Agreements Cost Share: EDA generally expects to fund at least 80%, and up to 100%, of eligible project costs. Period of Performance: recovery strategy and non-construction projects 12 to 24 months. Implementation projects 12 to 48 months. Performance may extend no later than September 30, 2027.	**Opened: July 22, 2021.** **Submit ASAP. Applications reviewed on a rolling basis.** **Deadline: January 31, 2022.** **Expected Awards: September 30, 2022.**	https://www.grants.gov/web/grants/view-opportunity.html?oppId=334748	EDA-2021-ARPATOURISM Email questions to TravelandTourism@eda.gov For questions, contact your state's Economic Development Representative. Southern CA: Wilfred Marshall P: 310-261-6005; E: wmarshall@eda.gov
Litter, Parks, Streets	**Caltrans - Clean California Local Grant Program**	Funds will go to local communities to beautify and improve local streets and roads, tribal lands, parks, pathways, and transit centers to clean and enhance public spaces. Through the combination of adding beautification measures and art in public spaces along with the removal of litter and debris, this effort will enhance communities and improve spaces for walking and recreation. Eligible projects shall include, but not be limited to: Community litter abatement and beautification and community litter abatement events and/or educational program. Caltrans will develop project selection criteria that will incorporate: Community need, Potential to enhance and beautify public space, Potential for greening to provide shade, reduce the urban heat island effect, and use native drought-tolerant plants, Potential to improve access to public space, Public engagement in the project proposal that reflects community priorities, Benefit to underserved communities.	Applicants must be **local or regional public agencies**, transit agencies, or tribal governments. Nonprofit organizations may be sub-applicants.	Estimated total funding: approximately $296,000,000 for the 2-year program. The local match component will range from 0% to 50% of the project costs. Local match based on the disadvantage of the project location. Half of the overall program funds will benefit or be located in underserved communities. The maximum grant is $5 million. These funds shall not be used to displace people experiencing homelessness. Projects must be completed by June 30, 2024.	**Call for Projects: December 1, 2021** **Workshop: TBD in December 2021** **Application Deadline: February 1, 2022** **Award Notification: March 2022**	https://cleancalifornia.dot.ca.gov/local-grants	For questions, call our Southern California Office, 323-728-9002. https://cleancalifornia.dot.ca.gov/-/media/cleancalifornia-media/documents/local-grant-program/cc-lgp-fs-final-v2-20210816-a11y.pdf
Water Supply, Reliability and Efficiency, Parks	**California Department of Parks and Recreation - Land and Water Conservation Fund (LWCF)**	Acquisition or development projects; but not both in one project. Acquisition must result in a new outdoor recreation opportunity for the public within three years after the completion of the acquisition. Examples include to create a new park, to expand or provide a buffer for an existing park, to provide a wildlife corridor, or provide a recreational/active transportation trail corridor that connects neighborhoods to workplaces, schools, homes, and other recreational opportunities. Development of recreation features must be for outdoor recreation, not indoor recreation. Must increase outdoor recreational opportunities for health and wellness, such as athletic fields, community gardens, dog parks, open space and natural areas, play grounds, recreational trails, picnic areas, etc.	Cities, counties, Native American tribal governments, Joint Powers Authorities, Non-State agency recreation and Park districts and special districts with authority to acquire, operate, and maintain public park and recreation areas. To qualify as an eligible project, CEQA must be complete within 60 days of application.	Up to $40 million in grant requests will be selected from the competitive February 1, 2022 application cycle. These selections will be funded from 2021-2022 local agency allocations, and approximately $10 million ahead of Federal Fiscal Year 2023 Regular Apportionment, or State Reapportionment Account funds. Selecting ahead enables the applications to proceed with a 1-2 year Section 106, NEPA, and National Park Service review process, so that federal funding may be obligated on schedule. Maximum Grant Amount: Up to $6 million Match: 50%; applicants will have to demonstrate they can fund 100% of the project costs before reimbursement; then will be reimbursed for 50% of that total.	**Webinars:** **November 9 & 10, 2021** **November 16 & 17, 2021** **8-10 am** **Application Deadline: February 1, 2022**	https://www.parks.ca.gov/?page_id=30240	

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Wildfire, Coastal, Habitat	**CalOES/National Fish and Wildlife Foundation - Emergency Coastal Resilience Fund 2021 Request for Proposals**	This funding comes directly from the Extending Government Funding and Delivering Emergency Assistance Act, (PL 117-43) to support projects that increase the resilience of wildlife habitat and coastal communities impacted by hurricanes and wildfires in 2020 and 2021. The fund supports conservation projects that create and restore natural systems to help protect coastal communities from the impacts of coastal storms, floods, sea-level rise, inundation, coastal erosion, wildfires and associated landslides/debris flows, and enable communities to recover more quickly from these events, all while improving habitats for fish and wildlife species. The ECRF seeks to fund shovel-ready projects to improve wildlife habitat that also improves community resilience and recovery both in and around impacted areas. Program goals include: Help recover from 2020 and 2021 disasters, as well as reduce the impact of future disasters and associated natural hazards to coastal communities; and Improve the ecological integrity and functionality of coastal ecosystems to enhance fish and wildlife and their habitats.	Eligible projects must be located within the National Coastal Resilience Fund (NCRF) Coastal Areas and be within counties that received a federal Major Disaster Declaration with a Public Assistance designation as a result of hurricanes or wildfires in 2020 and 2021. CA Map: https://content.govdelivery.com/attachments/CALOES/2021/11/17/file_attachments/1999082/Eligible%20CA%20Communities.pdf	Total Estimated Program Funding: $24,000,000. Due to the emergency nature of these funds, a non-federal match is not required.	**Released: November 17, 2021** **Webinar: December 7, 2021** **12-1 PST** **Proposals Due: February 3, 2022**	https://www.nfwf.org/programs/emergency-coastal-resilience-fund	Contact: Suzanne.Sessine@nfwf.org or Zachary.Bernstein@nfwf.org
Parks, Wetlands	**California Department of Fish and Wildlife - California State Duck Stamp Project**	The goals of the Stamp Project are to protect, preserve, restore, enhance, and develop migratory waterfowl breeding and wintering habitat, evaluate habitat projects, and conduct waterfowl resource assessments and other waterfowl related research. Four objectives: 1) Identify activities which are needed for the conservation and maintenance of California's waterfowl habitat on public land, 2) Develop and fund project-specific strategies to protect, enhance, maintain or restore significant waterfowl habitat on public land, 3) Develop and fund project-specific strategies to conserve waterfowl populations, and Develop, administer, and fund a grants program for waterfowl conservation. Examples of eligible projects include: Enhance/restore/maintain wintering or nesting habitat for CA waterfowl species, Restoring or creating brood ponds/summer water for CA waterfowl species, Enhancing or restoring fall and spring use areas for CA waterfowl species, Establishing islands and loafing bars, Levee repair, replacement of water control structures, pump repair and installation, Fence installation to control and/or manage livestock or wildlife and/or to enhance upland habitat for waterfowl nesting and goose forage, Removal of nonnative invasive plant species and restoration (active or passive) of native and other desirable wetland or upland vegetation, Research to obtain population parameters of species/subspecies/population.	Nonprofit Public Agency To accomplish the objectives, the Department is authorized to award grants (and contracts where necessary) for waterfowl conservation purposes (acquisition, restoration, enhancement, creation and research) to nonprofit organizations, local government agencies, state departments and federal agencies (Fish and Game Code § 3702). The organizations must have the specific capacity (waterfowl habitat enhancement, restoration, creation and or research experience to deliver the objectives).	Total Estimated amount of funds available: $1,135,000. Total number of awards: TBD No required matching funding. 16 Total Application submitted in 2021 Period of performance: up to 3 FY.	**Solicitation Released: November 22, 2021** **Application Due: February 4, 2022** **Award Announcement: June 2022**	https://www.grants.ca.gov/grants/california-state-duck-stamp-project/	Melanie Weaver, 1-916-502-1139, Melanie.Weaver@wildlife.ca.gov
Water Supply, Reliability and Efficiency, Water Quality, Energy Efficiency	**California Department of Water Resources - Integrated Regional Water Management (IRWM) Proposition 1 South Orange County** **NEW**	Water reuse and recycling; water-use efficiency and water conservation; surface and underground water storage/recharge; water conveyance facilities; watershed protection, restoration, and management; stormwater resource management, conjunctive use; water desalination projects, decision support tools; improvement of water quality. Must be a multi-benefit water resource project that meets the following: a critical need of the region; a useful life of at least 15 years; consistent with Statewide Priorities; included in the OC Stormwater Resources Plan if a stormwater project; support of local Groundwater Sustainability Agency if a groundwater project; and have CEQA and permits complete within 18 months of Agreement to begin construction.	Agencies within the South Orange County Watershed Management Area that meet the eligibility requirement of the CA DWR IRWM Prop 1 Grant Program. Public agencies, Non-profit organizations, Public utilities, Federally recognized Indian Tribes, State Indian Tribes, Mutual water companies are eligible applicants. Projects must be included in an adopted IRWM Plan.	Total Available for Prop 1 IRWM Round 2 is $192,000,000. $164M in the general fund and $27M in the DAC fund. Total available for the South Orange County (OC) Watershed Management Area (WMA) IRWM is ~$4,872,800, which will be divided among top priority projects, ranked by the region. North/Central OC WMA is eligible for a portion of the Santa Ana Funding Area Round 2 Funding: $27 million. Period of Performance: Projects Complete by December 31, 2026. Minimum 50% cost share; waiver/reduction available for DACs and Economically Distressed Areas.	**Draft PSP Released: December 10, 2021** **Comments on Draft GL/PSP Due: February 8, 2022** **Anticipated Open Date: Spring 2022** Application Deadlines: TBD Award Announcement: TBD	https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/IRWM-Grant-Programs/Proposition-1	This funding program is administered through the County of Orange, OC Watersheds. Interested applicants must submit a project scoresheet to the WMA.

Primary Project Benefit	Agency & Program Name	Program Description & Eligible Projects	Eligible Applicants	Funding Amount & Cost Share/Funding Match	Due Date	Link to Guidelines / Application	Comments
Water Supply, Reliability and Efficiency, Water Quality, Energy Efficiency	**California Department of Water Resources - Integrated Regional Water Management (IRWM) Proposition 1, North-Central Orange County** **NEW**	Water reuse and recycling; water-use efficiency and water conservation; surface and underground water storage/recharge; water conveyance facilities; watershed protection, restoration, and management; stormwater resource management, conjunctive use; water desalination projects, decision support tools; improvement of water quality. Must be a multi-benefit water resource project that meets the following: a critical need of the region; a useful life of at least 15 years; consistent with Statewide Priorities; included in the OC Stormwater Resources Plan if a stormwater project; support of local Groundwater Sustainability Agency if a groundwater project; and have CEQA and permits complete within 18 months of Agreement to begin construction.	Agencies within the North-Central Orange County Watershed Management Area (NCWMA) that meet the eligibility requirement of the CA DWR IRWM Prop 1 Grant Program. Public agencies, Non-profit organizations, Public utilities, Federally recognized Indian Tribes, State Indian Tribes, Mutual water companies are eligible applicants. Projects must be included in an adopted IRWM Plan.	Total Available for Prop 1 IRWM Round 2 is $192,000,000. $164M in the general fund and $27M in the DAC fund. For Round 2, total funding of $27 million is available in the Santa Ana IRWM Funding Area. Period of Performance: Projects Complete by December 31, 2026. Minimum 50% cost share; waiver/reduction available for DACs and Economically Distressed Areas.	**Draft PSP Released: December 10, 2021** **Comments on Draft GL/PSP Due: February 8, 2022** **Anticipated Open Date: Spring 2022** Application Deadlines: TBD Award Announcement: TBD	http://ocpw.maps.arcgis.com/apps/MapSeries/index.html?appid=352d3def5e2b4ee39f8f89f4511143fe	This funding program is administered through the County of Orange, OC Watersheds. Interested applicants must submit a project scoresheet to the WMA.
Fire Prevention	**CalFire/California Climate Investments (CCI) Fire Prevention Grants** **NEW**	Program provides funding for local projects and activities that address the risk of wildfire, reduce wildfire potential, and increase community resiliency. Program focus areas : Hazardous Fuels Reduction, Fire Prevention Planning, Wildfire Prevention Education. Some examples of non-qualifying project types and activities include: Purchase of capital equipment > $250,000 (excludes vehicles). Installation, creation, upgrade, or maintenance of fire protection features, such as roads, bridges, structure's or water storage facilities.	State and Federal Agencies, Tribes, Local government within or adjacent to State Responsibility Area (SRA), including: Incorporated Cities and Counties, Fire Districts, Community Services Districts, Water Districts, Resource Conservation Districts, Other Special districts 501(c)3s	All project and activity work related to grants must be completed by March 15, 2026. No maximum grant amount. Equipment limit is $250,000 and administrative cost 12%. Match: Matching funds not required, but the existence of matching funds is a positive factor. 2-step application process. Need application tracking number 1 week ahead of application due date. CEQA compliance within 12 months from grant execution. No work until CEQA complete.	Opened: December 8, 2021 **Application Due: February 9, 2022** Awards:	https://www.fire.ca.gov/grants/fire-prevention-grants/	Questions to: FPgrants@fire.ca.gov CNRgrants@fire.ca.gov SouthernRegionGrantsProgram@fire.ca.gov
Water Supply and Reliability	**California Department of Water Resources - Sustainable Groundwater Management (SGM) Grant Program SGMA Implementation, Round 1** **UPDATED**	**For Critically Overdrafted (COD) Basins Only** Planning and Projects DWR for drought and groundwater investments to achieve regional sustainability through investments in groundwater recharge with surface water, stormwater, recycled water, and other conjunctive use projects, and projects to prevent or clean up contamination of groundwater that serves as a source of drinking water. DWR will solicit proposals to award funding on a non-competitive basis for tasks and activities that help the basins reach sustainability through investments in groundwater recharge and/or projects that prevent or clean up contamination of a groundwater that serves as a source of drinking water. Tasks and activities can also include updating/revising a GSP(s) or Alternative Plan. Eligible applicants are GSAs, member agencies of GSAs, and agencies with an approved Alternative to a GSP. All applicants must be within a COD basin with an adopted GSP that has been submitted to DWR for review and deemed complete by DWR or approved Alternative to a GSP. Basins that were adjudicated after January 1, 2015 and a COD basin are eligible for funding. The project area and service area must be within the most current DWR Bulletin 118 basin that is designated as COD by the latest SGMA Basin Prioritization at the time of application submittal. **Only one application will be accepted per basin.**	Any applicant that is not a GSA, member agency of a GSA, or an agency with an approved Alternative to a GSP MUST provide letters of support indicating that they are applying on their behalf and that the work proposed is fully supported by the GSA they represent. Those applicants located within basins that adjudicated prior to January 1, 2015 are not eligible to apply for or receive grant funding. The project area and service area must be within the most current DWR Bulletin 118 basin that is designated as COD by the latest SGMA Basin Prioritization at the time of application submittal.	Total Estimated funding available: $152,000,000. **Approximately $7.6 million available per eligible critically overdrafted basin.** No Cost Share Requirement Expected number of awards 10-20. Modified Competitive Process. **Period of Performance: December 17, 2021 through February 18, 2022**	**PSP Release: December 24, 2021** **Applications Due: February 18, 2022** **Awards: April 1, 2022**	https://www.grants.ca.gov/grants/sustainable-groundwater-management-sgm-grant-programs-critically-overdrafted-basin-general-funds/	
Wetlands, Habitat	**US Fish and Wildlife Service - NAWCA 2023-1 US Standard Grants** **NEW**	The U.S. Standard Grants Program is a competitive, matching grant program that supports public-private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act. Projects must involve only long-term protection, restoration, enhancement and/or establishment of wetland and associated upland habitats to benefit migratory birds. This program supports the Department of Interior and U.S. Fish and Wildlife Service mission of protecting and managing the nation's natural resources by collaborating with partners and stakeholders to conserve land and water and to expand outdoor recreation and access. Acquisition, wetland restoration, wetland enhancement, wetland establishment, other direct long-term wetlands conservation work. Ineligible: planning and development costs, studies.	Unrestricted; public-private partnerships carrying out projects in the US that further the goals of NAWCA. Strongly recommend that early in the proposal development process you contact the coordinator of the Joint Venture region in which your project is located. They can provide you with guidance on developing your project and proposal.	Estimated Total Program Funding: $50,000,000. Award Ceiling: $2,000,000. Award Floor: $100,001. The program requires a 1:1 non-federal match and research funding is ineligible. Awarded projects typically have a 2:1 match. 2-year match window. Must include a public-private partnership. Previously awarded projects in region in excess of 1,000 acres. Funds that pass through a nonfederal partner but originate from the Federal government are not eligible as match. Funding is not designated by geographic area.	NOFO Released: December 3, 2021 **Applications Due: February 26, 2022**	https://www.grants.gov/web/grants/view-opportunity.html?oppId=336834	F23AS00002 Contact: stacy_sanchez@fws.gov

Primary Project Benefit	Agency & Program Name	Program Description & Eligible Projects	Eligible Applicants	Funding Amount & Cost Share/Funding Match	Due Date	Link to Guidelines / Application	Comments
Water Supply, Reliability and Efficiency, Parks	**California Department of Parks and Recreation - Habitat Conservation Fund (HCF)** **UPDATED**	Eligible projects include: nature interpretation programs to bring urban residents into park and wildlife areas, protection of various plant and animal species, and acquisition and development of wildlife corridors and trails. There are seven unique categories with separate application forms: Deer/Mountain Lion habitat, Rare, endangered, threatened, or fully protected species, wetlands, anadromous salmonids and trout habitat, riparian habitat, and wildlife area activities. Non-mitigation projects only. **Funds can be used for the following: Wildlife Area Activities – An event or series of events intended to bring urban residents into areas with indigenous plants and animals (park and/or wildlife areas); Acquisition of species habitats; Enhancement or restoration of species habitats; Enhancement, restoration, or development of trails.**	Cities, counties, Native American tribal governments, Joint Powers Authorities, Non-State agency recreation and Park districts and special districts with authority to acquire, operate, and maintain public park and recreation areas. There is no allowance for a CEQA-pending contract; this project requires CEQA to be complete at the time of application.	Estimated Funding Amount: $6,000,000 The HCF allocates approximately $2 million each year to cities, counties, and districts. Funding from several Fiscal Years are being combined for the upcoming cycle. No maximum or minimum grant amounts. Match: 50% or dollar for dollar (1 to 1); applicants will have to demonstrate they can fund 100% of the project costs before reimbursement; then will be reimbursed for 50% of that total. Performance period: 3 years.	**Application Deadline: March 1, 2022** **Awards: Fall 2022**	https://www.parks.ca.gov/?page_id=21361	https://www.parks.ca.gov/pages/1008/files/HCF_Category_Chart.pdf
Parks	**California Department of Parks and Recreation - Recreational Trails Program (RTP)** **UPDATED**	The Recreational Trails Program (RTP) provides funds to develop and maintain Recreational Trails and trail-related facilities for motorized Recreational Trail uses. This includes acquisition, development and rehabilitation of trails and facilities, construction and maintenance of trails, purchase or lease of equipment, trail conditions assessments, and the development and distribution of educational messages. The purpose of the RTP is to provide for well managed OHV Recreation by providing financial assistance to eligible agencies and organizations that develop, maintain, operate, expand, support, or contribute to well managed, high-quality, Off-highway vehicle (OHV) Recreation areas, roads, and trails, and to responsibly maintain the wildlife, soils, and habitat of Project Areas in a manner that will sustain long-term OHV Recreation. Project eligibility differs between the non-motorized and motorized components of the RTP. Non-Motorized Projects: Acquisition of easements/property for trails; Development/rehab of trails, trailside and trailhead facilities; and Construction of new trails. Motorized Projects: Same as non-motorized plus - Maintenance of existing trails; Purchase/lease of trail construction/maintenance equipment; Assessment of trail conditions for accessibility and maintenance; Develop/distribute publications and operation of educational programs to promote safety and environmental protection related to trails.	Cities, counties, districts, state agencies and nonprofits All projects shall reside on public lands within the State of California.	Total Available for California: $5,700,000. $3.4 million to Department of Parks and Recreation, ad $2.3 million to Caltrans. $1.7 million for the non-motorized component for RTP. No maximum or minimum grant amounts, provided that the grant request does not exceed 88% of the total project cost. Cost Share: Must be at least 12% of total project cost; because this is a federally-funded program, other state funding can be used as cost share. Period of Performance: 1 to 3 years	**Solicitation Opened: September 21, 2021** ~~**MOTORIZED RTP Applications Due: October 29, 2021 Expected award announcement: January 2022**~~ **Workshops for Non-Motorized November 9, 10, 16, & 17, 2021 10:30 am-12:30 pm** **Non-MOTORIZED RTP Applications Due: March 1, 2022**	https://www.parks.ca.gov/?page_id=24324	
Recreation	**California Coastal Conservancy - Explore the Coast** **NEW**	Projects must involve visiting the coast of CA. The program seeks to provide enjoyable coastal experiences for people and communities who face challenges or barriers to accessing or enjoying the coast "ETC Priority Communities", i.e., lower-income individuals and households, people with disabilities, people of color, immigrant communities, foster youth, and others. At least 50% of participants served by the grant must be from ETC Priority Communities. Examples of projects: Providing transportation; reduce economic, physical, or societal barriers to accessing and enjoying the coast; maximize barrier-free access to the coast for persons with disabilities; festivals, docent programs, or other outreach events to raise public awareness of access opportunities or promote recreational uses of the coast; provide overnight coastal experiences; support volunteer stewardship of Coastal Trail segments or other coastal access points and habitats; promote the use of public transit to access the coast. Projects should also meet one or more of the following priorities: Provides an enjoyable experience at the coast; Reduces economic, physical, operational, or societal barriers to accessing or enjoying the coast, or Inspires ongoing coastal resource stewardship ethic through active learning and interactive activities. Ineligible projects: classroom-based programs or curriculum; construction of facilities; beach clean-ups.	Public agencies, tribes, and nonprofits	Total available: $9,000,000 Estimated amount per award: $1-$200,000 Size of award based on each project's needs, its overall benefits, and on the extent of competing demands for funds. Applicants should apply for projects that will be completed by February 2025.	**Opened: January 6, 2022** **Due Date: March 11, 2022**	https://scc.ca.gov/grants/explore-the-coast-grants/	

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Wildfire	**FEMA - Hazard Mitigation Grant Program (HMGP) Post Fire 2021** **NEW**	Cal OES is prioritizing funding for communities immediately impacted by the wildfires. Immediately impacted is defined as a community, or special district located in a county where one of these fires burned. 1. Wildfire and Post Fire Mitigation Projects within the FMAG Declared Burn Areas (Impacted Counties): Defensible Space Measures; Ignition Resistant Construction; Hazardous Fuels Reduction; Erosion Control Measures; Flash Flood Reduction Measures; 2. HMGP Eligible Projects (and Plans) benefitting communities and Tribal Lands within the FMAG Declared Burn Areas (Impacted Counties); 3. Hazard Mitigation Planning (Non-Impacted Counties); 4. Wildfire and Post Fire Mitigation Activities (Non-Impacted Counties).	Nonprofit Public Agency Tribal Government Eligible Subapplicants include state agencies, local governments, special districts, and Federally recognized tribes. Sub-applicants must have a FEMA-approved and locally adopted Local Hazard Mitigation Plan (LHMP) to be eligible for project grants.	Total Estimated Funding available: 7,787,780 25% matching funds required. Period of Performance: 36 months Submission of a Notice of Interest (NOI) is required prior to submitting a Subapplication for the Hazard Mitigation Grant Program (HMGP). NOIs may be submitted at any time.	**Opened: November 4, 2021** **NOI required prior to application.** **Application Due: March 31, 2022** **Awards: 1 year after approved**		HMGP FM-5380 HMA@caloes.ca.gov
Water Supply and Reliability, Economic Development	**US Economic Development Administration - American Rescue Plan Economic Adjustment Assistance**	EDA aims to assist communities and regions impacted by the coronavirus pandemic, including historically underserved communities. The Economic Adjustment Assistance program is EDA's most flexible program, and grants made under this program will help hundreds of communities across the nation plan, build, innovate, and put people back to work through construction or non-construction projects designed to meet local needs. A wide range of technical, planning, workforce development, entrepreneurship, and public works and infrastructure projects are eligible for funding under this program. Includes construction activities such as water and sewer system improvements, industrial parks, high-tech shipping and logistics facilities, business incubators and accelerators, brownfield redevelopment, technology-based facilities, wet labs, multi-tenant manufacturing facilities, science and research parks, workforce training facilities, and telecommunications infrastructure and development facilities. This also includes non-construction activities such as design and engineering, technical assistance, economic recovery strategy development, and capitalization of revolving loan funds. Funds non-construction and construction activities not already part of another NOFO promulgated by EDA to implement the American Rescue Plan Act. Ineligible: residential, community amenities, general governmental or public safety functions.	Eligible applicants for EDA's Economic Adjustment Assistance program include a(n): District Organization of an EDA-designated Economic Development District Indian Tribe or a consortium of Indian Tribes State, county, city, or other political subdivision of a State, including a special purpose unit of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions Institution of higher education or a consortium of institutions of higher ed Public or private non-profit organization or association acting in cooperation with officials of a political subdivision of a State	Estimated Total Program Funding: $500,000,000 Seattle Regional Office Allocation (including CA): $59,366,794. Award Ceiling: $10,000,000 Award Floor: $100,000 EDA anticipates funding approximately 300 projects that cost between approximately $500,000 and $5,000,000 with this appropriation, though EDA will consider applications above and below these amounts. Grants or Cooperative Agreements Cost Share: EDA generally expects to fund at least 80%, and up to 100%, of eligible project costs. Period of Performance: recovery strategy and non-construction projects 12 to 24 months. Implementation projects 12 to 48 months. Performance may extend no later than September 30, 2027.	**Opened: July 22, 2021.** **Submit ASAP. Applications reviewed on a rolling basis. Deadline: March 31, 2022.** **Expected Awards: September 30, 2022.**	https://www.grants.gov/web/grants/view-opportunity.html?oppId=334743	EDA-2021-ARPAEAA For questions, contact your state's Economic Development Representative. Southern CA: Wilfred Marshall P: 310-261-6005; E: wmarshall@eda.gov
Water Supply, Reliability and Efficiency	**California Department of Water Resources - Sustainable Groundwater Management (SGM) Grant Program's Proposition 68 Implementation Round 2**	Tasks and activities that help the basins reach sustainability through investments in groundwater recharge and/or projects that prevent or clean up contamination of a groundwater that serves as a source of drinking water. Eligible projects include those activities associated with the implementation of an adopted GSP or approved Alternative and must also be listed within an adopted GSP or approved Alternative. Basins that are adjudicated, in the process of becoming adjudicated, or considered probationary under SGMA by the State Water Resources Control Board at or after the time of application submittal are not eligible to apply for or receive grant funding. The project area and service area must be within the most current DWR Bulletin 118 basin or a non-adjudicated portion of a basin that is designated as COD by the latest SGMA Basin Prioritization at the time of application submittal. Only one application will be accepted per basin. Applicants who apply on behalf of a GSA(s) are required to obtain and submit a letter of support from each GSA they represent. Eligible projects: Groundwater infiltration and Basin Recharge; Groundwater Conservation and Basin Improvement; Stormwater or runoff capture and conjunctive use improvements.	Any applicant that is not a GSA, member agency of a GSA, or an agency with an approved Alternative to a GSP MUST provide letters of support indicating that they are applying on their behalf and that the work proposed is fully supported by the GSA they represent. The Implementation Round 2 grant solicitation is for projects located within medium and high priority basins (including critically overdrafted) that are NOT adjudicated, seeking adjudication, or are listed as probationary by the State Water Resources Control Board.	Total Estimated funding available: $77,000,000 $15 million available in Round 2 will be for projects that solely benefit Underrepresented Communities. Cost Share 25%	**Comment Period for Draft GL and PSP open until November 29, 2021** Anticipated PSP Release: **Spring/Summer 2022** Announce Implementation Grant Awards: Fall/Winter 2022	https://www.grants.ca.gov/grants/sustainable-groundwater-management-sgm-grant-programs-proposition-68-implementation-round-2/	

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Habitat	**US Fish and Wildlife Service - Partners for Fish and Wildlife** **NEW**	Program is a voluntary, incentive-based program that provides direct technical assistance and financial assistance in the form of cooperative and grant agreements to private landowners to restore and conserve fish and wildlife habitat for the benefit of federal trust resources. To receive funding, PFW projects must be implemented on private lands, with the exception for efforts that support projects on private lands. IN GENERAL, the term private lands is any property not state or federally owned. Private lands include, but are not limited to; tribal, Hawaiian homeland, city, municipality, non-governmental, and private fee-title properties.	Counties, nonprofits, small businesses, cities, IHEs, special districts, public housing authorities, independent school districts, individuals and tribal governments and organizations	Estimated Total Program Funding: $15,000,000 Amount: $1 to Up to $750,000 Cost sharing is not required, although we strive to achieve a minimum 1:1 cost share	**Opened: December 10, 2021** **To be considered for funding in FY22, applications are due by June 30, 2022** **Deadline: September 30, 2022** **Expected Awards: October 2022**	https://www.grants.gov/web/grants/view-opportunity.html?oppId=336921	F22AS00095
Habitat	**US Fish and Wildlife Service - Coastal Program** **NEW**	Program provides technical and financial assistance through cooperative agreements to coastal communities, conservation partners, and landowners to restore and protect fish and wildlife habitat on public and private lands. Projects are developed in collaboration with partners, and with substantial involvement from Service field staff. Projects must support the missions of the Dept of the Interior, Service, and the Coastal Program, and be based on sound scientific biological principles. Example projects: constructed wetland, restore pollinator habitat, prescribed burn, restore fish passage, habitat restoration (i.e., sea turtles, falcon). Projects funded by the Coastal Program need to be in a coastal watershed. Projects that fit within Strategic Plan more competitive. However, projects have been funded many miles upstream when we can draw a connection to the coast, such as presence or recovery of anadromous fish. Funded projects should be voluntary and NOT required as mitigation for impacts to habitat.	State governments, county, city, special district, school districts, nonprofits, and many others.	Estimated Total Nationwide Funding: $6,000,000. Southern California generally has an annual budget around $120,000 and fund 3 to 5 projects a year with that funding. Maximum Award $200,000; minimum award $1.	**Posted Date: December 13, 2021** **Federal awards are made on a rolling basis between October 1, 2021 and September 30, 2022** **In order for applications to be considered for funding in FY22, they must be submitted by June 30, 2022** **Deadline: September 30, 2022**	https://www.grants.gov/web/grants/view-opportunity.html?oppId=336964	Applicants seeking technical or financial assistance from the Coastal Program are requested to consult with the regional or local Coastal Program office BEFORE developing or submitting an application.
Flood, Stormwater	**California Department of Water Resources - Small Communities Flood Risk Reduction Program**	The Small Communities Flood Risk Reduction Program (SCFRRP) is a cost-share local assistance program with primary goal of reducing flood risk for small communities (with 200 to 10,000 residents), including legacy and disadvantaged communities, protected by the State Plan of Flood Control facilities. Soliciting design/construction proposals. Eligible projects must be recommendations of studies performed by the small community's land use local agency, in coordination and with input from DWR. Proposed project's work plan must include design and implementation activities required to achieve up to 100-year flood protection for the small community and improve associated SPFC facilities, systems and appurtenances. Proposed projects must incorporate considerations for climate change hydrology and sea level rise and be able to add resiliency and flexibility to the flood management system and produce multiple benefits. Ineligible projects include: feasibility studies; projects not improving SPFC facilities; design and construction projects for flood protection exceeding 100-year level; projects not considering impact of climate change; routine maintenance, including repair of erosion damage and removal of sediment from channels and by-passes; non-structural projects, including elevating residential properties where there is no direct connection with facilities that are part of SPFC.	Eligible Applicants are local public agencies with land use authority or public agencies with jurisdiction/ authority to implement flood protection projects for the small community areas protected by the SPFC facilities. An Applicant may be an incorporated city or county applying on behalf of an unincorporated community. Applicant must have a financial plan identifying non-State resources required to complete project's implementation, as well as costs associated with project's O&M. Small communities with between 200-10,000 residents that are protected by the State Plan of Flood Control facilities, including legacy and disadvantaged communities.	State may award 50% of eligible project costs to eligible small community's local public agency. State cost-share may be increased, incrementally, up to maximum of 90% for following objectives: disadvantaged area community; system improvement; ecosystem enhancement/restoration; other multi- benefit features; setback levees.	**TBD**	https://www.grants.ca.gov/grants/small-community-flood-risk-reduction-program/	

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Funding Applications Continuously Accepted (No deadlines)							
Air Quality, Vehicles	**California Air Resources Board - Clean Vehicle Rebate Project (CVRP)**	The Clean Vehicle Rebate Project (CVRP) is funded by the California Air Resources Board (CARB) and administered statewide by the Center for Sustainable Energy (CSE) in order to promote the production and use of zero-emission vehicles, including electric, plug-in hybrid electric and fuel cell vehicles. Program is for motorcycles and smaller cars. CVRP for public fleets provides rebates to public agencies for the purchase or lease of eligible vehicles for public fleets. The CVRP for public fleet incentive offers an option for agencies with fleets to reserve funds in advance of taking possession of an eligible vehicle. Applicants must certify intent to acquire an eligible vehicle and provide proof of acquisition in order to reserve rebate funds. Applications are available online via the CVRP Fleet and Business Vehicle Rebates webpage, http://www.CleanVehicleRebate.org/fleet or by contacting the Administrator directly at publicfleets@energycenter.org or (866) 984-2532.	Be an individual, business, nonprofit or government entity that is based in CA or has a CA-based affiliate at the time the vehicle is purchased/leased. Meet income eligibility requirements at the time of application. Submit a CVRP application before rebate funds are exhausted. Applications must be submitted within 3 months of the vehicle purchase or lease date. Qualified applicants on the rebate waitlist will receive payment if the project receives more funding.	CVRP enables a purchaser or lessee of an eligible vehicle to apply for a CVRP rebate of up to $7,000* for fuel-cell electric vehicles (FCEVs), up to $4,500* for all battery electric vehicles (BEVs), up to $3,500* for plug-in hybrid electric light-duty vehicles (PHEVs), and up to $750 for zero-emission motorcycles (ZEMs). 30-Vehicle Cap: Public fleets are limited to 30 rebates per calendar year.	Waitlist in effect for applications received on or after April 23, 2021. Funding has been approved for CVRP. However, we anticipate that it could take several months to receive the funding. Until funding is secured, we will maintain the waitlist.	https://cleanvehiclerebate.org/eng	https://cleanvehiclerebate.org/sites/default/files/docs/nav/transportation/cvrp/documents/CVRP-Implementation-Manual.pdf
Emergency Preparedness, Disaster	**US Department of Labor: National Dislocated Worker Grants (DWG) Program Guidance**	Discretionary grants awarded by the Secretary of Labor under Section 170 of the Workforce Innovation and Opportunity Act (WIOA) to provide employment-related services for dislocated workers. Funds two types of DWGs: Disaster Recovery and Employment Recovery. Disaster Recovery DWGs provide funding to create temporary employment opportunities to assist with clean-up and recovery efforts when an area impacted by an emergency or major disaster is declared eligible for public assistance by the Federal Emergency Management Agency (FEMA), or is declared, or otherwise recognized, as an emergency or disaster of national significance by a Federal agency with authority or jurisdiction over Federal response to the disaster or emergency. Employment Recovery DWGs temporarily expand capacity to serve dislocated workers and to meet the increased demand for employment and training services following a qualifying event. Qualifying events include major economic dislocations, such as plant closures, mass layoffs, or higher-than-average demand for employment and training activities for dislocated members of the Armed Forces and their spouses. Under 20 CFR 687.110(a)(5), the Secretary of Labor may determine other major dislocations eligible for Employment Recovery DWGs.	Eligibility varies depending upon the type of National DWG requested. For Disaster Recovery DWGs: 1) States; 2) Outlying areas as defined by WIOA (Workforce Innovation and Opportunity Act), Section 3(45); and; 3) Indian tribal governments. For Employment Recovery DWGs: 1) a state or outlying area or a consortium of states; 2) a local Workforce Development Board (WDB) or a consortium of WDBs; 3) an entity eligible for funding through the Indian and Native American program; 4) entities determined to be appropriate by the governor of the state or outlying area involved; and 5) entities that demonstrate to the Secretary of Labor their capability to effectively respond to circumstances related to particular dislocations.	Total Program: $300 million Award Limits: $150,000 to $25 million No match required States appear to be the major grant recipient, and States may sub-grant funds to local boards and/or may expend such funds through public and private agencies and organizations engaged in such projects. The Employment and Training Administration expects states to allocate funds to affected areas and service providers quickly in order to ensure funds can fulfill the purposes of the grants and to ensure that workers receive assistance. DWGs are generally approved for a 24-month period of performance. A DWG grantee may request a modification to extend the period of performance with adequate justification, and within the period of expenditure. Generally the period of expenditure for DWG funds begins at the month and year in which the Department awards those funds, continues through the months remaining in the program year, plus two subsequent program years. The period of expenditure also applies to the award of incremental and supplemental funding.	Solicitation Released: March 19, 2020 Due Date: Immediate on Rolling Basis; currently no closing date listed.	https://www.grants.gov/web/grants/view-opportunity.html?oppId=325616	
Energy	**California Energy Commission (CEC) - Interest Rate 1% Loan Financing for Energy Efficiency & Energy Generation Projects**	The CEC is offering loans financing for energy efficiency and energy generation projects for Public Agencies. Projects with proven energy and/or demand cost savings are eligible, provided they meet the Energy Conservation Assistance Act (ECAA) eligibility requirements. Projects already funded with an existing loan or already installed are ineligible. Examples of Qualified Projects include the following: Lighting systems; Heating, ventilation and air conditioning equipment; Streetlights and LED traffic signals; Energy management systems and equipment controls; Pumps and motors; Building envelope and insulation; Energy generation including renewable energy and combined heat and power projects; Water and waste water treatment equipment.	Cities, Counties, Specials Districts, Public Colleges or Universities Projects are not eligible if they have already received other sources of state funding.	Estimated program funding $13,000,000. Maximum loan amount of $3 million per applicant. Loans must be repaid from energy cost savings or other legally available funds within a maximum term of 20 years (including principal and interest).	Applications are funded on a first-come, first-served basis until funding is exhausted	http://www.energy.ca.gov/efficiency/financing/	
Energy	**California Energy Commission (CEC) - The Energy Partnership Program**	The Energy Partnership Program can conduct an energy audit of existing facilities to identify energy saving projects, including: Conduct energy audits and prepare feasibility studies; Review existing proposals and designs; Develop equipment performance specifications; Review equipment bid specifications; Assist with contractor selection; and Review commissioning plans. The Energy partnership also provides technical assistance early in the design phase of new facility construction, including: Provide design review consultation; Identify cost-effective, energy-saving measures; Compare different technologies; Review schematics and construction plans; Provide equipment specification consultation; Develop computer simulation models of planned projects; Help select experienced professionals with energy efficiency expertise; and Assist with system commissioning.	Cities, Counties, Specials Districts, Public Colleges or Universities Projects are not eligible if they have already received other sources of state funding.	Up to $20,000 of technical assistance services performed by CEC consultant. Match is any amount in excess of the $20,000 provided by CEC.	Applications are funded on a first-come, first-served basis until funding is exhausted	https://www.energy.ca.gov/programs-and-topics/programs/energy-partnership-program	

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Energy	**California Infrastructure and Economic Development Bank (IBank) - California Lending for Energy and Environmental Needs (CLEEN) Center**	Provide financing for public infrastructure projects such as: • Energy Efficiency • Renewable Energy Sector • Energy Storage • Water Sector • Alternative Technologies • Alternative Fuels • Transportation • Statewide Energy Efficiency Program (SWEEP) • LED Street Lighting Program (LED Program)	Eligible Applicants include, but are not limited to: any subdivision of a local government, including cities, counties, special districts, assessment districts, joint powers authorities and non-profit corporations (as deemed eligible).	The ISRF Program provides financing to public agencies and non-profit corporations, sponsored by public agencies, for a wide variety of infrastructure and economic development projects (excluding housing). ISRF Program funding is available in amounts ranging from $500,000 to $30 million with loan terms for the useful life of the project up to a maximum of 30 years or a Project's useful life, whichever is less. Rates similar to the IBank ISRF; higher than 1% (2018-2020 3-4% typical). Uses a proprietary interest rate method to ensure borrowers have the best chance to receive below-market interest rates. Calculation method dependent in part on the Air Quality Index of the site location/service area of the project, the median income in the area.	Applications accepted on a continuous basis.	http://www.ibank.ca.gov/cleen-center/	Contact Lina Benedict: (916) 838-4690. ISRF Activity Reports Publish Interest Rate Information https://www.ibank.ca.gov/news-publications/publications/
Energy	**Department of Energy Loan Programs Office - Renewable Energy & Efficient Energy (REEE) Projects, Title XVII Loan Guarantee**	A project must meet all of the following requirements: Be an "Eligible Project" as defined in an open solicitation in the technology area described therein. See Items 1 and 2 below. 1) Uses renewable energy systems or efficient electrical generation, transmission, and distribution technologies or efficient end-use energy technologies sand together with efficient electrical projects; and 2) Meets both of the following requirements: Avoid, reduce, or sequester anthropogenic emissions of greenhouse gases; and employs new or significantly improved technologies as compared to commercial technologies in services in the United States at the time the guarantee is issued. Be located in the US, and provide a reasonable prospect of repayment & must be able to demonstrate that it has sufficient funds to carry out the project and is not benefitting from certain other federal support as more fully described in the applicable solicitation. - See Comments. Application Fee Part I: $50,000 Application Fee Part II: $100,000/350,000 Other fees as well. Areas of Interest: Advanced Grid Integration & Storage, Drop-in Biofuels, Waste-to-Energy, including methane from landfills, Enhancement of Existing Facilities, Efficiency Improvements.	Per FAQ Sheet, Local government can apply; however, (subject to limited exceptions) DOE will not be able to issue loan guarantees to projects that will benefit directly or indirectly from certain other forms of federal support, such as grants or other loan guarantees from federal agencies or entities (including DOE), federal agencies or entities as a customer or off-taker of the project's products or services, or other federal contracts, including acquisitions, leases and other arrangements, that support the project. Water districts are eligible applicants.	Up to $4.5 Billion in loan guarantee authority. Title XVII of the Energy Policy Act of 2005 allows DOE to guarantee up to 80% of the eligible project costs of a project. Applicants should not expect that DOE will guarantee 80% of the eligible project costs of a project. The amount of senior debt that a particular project can support, after conducting due diligence, will be the key determinant of overall senior debt leverage. Furthermore, DOE's intent is to leverage its support by maximizing the amount of co-lending by private sector senior lenders. The Loan Programs Office has designed the three different types of fees (application, facility, and maintenance) to fairly distribute the direct administrative costs among the different periods in the application process. The structure of the fees is to allow the Loan Programs Office to pay its administrative costs, while not discouraging potentially eligible projects. Please note the exact amount of fees will vary with each solicitation. To obtain more detailed information about fees, please refer to the solicitation. In addition, each applicant is responsible for paying DOE's independent consultants and outside legal counsel in connection with such applicant's project.	Multiple Rounds of Applications; accepted monthly 1/15/20 through 3/16/2022. See page 22 of Solicitation Announcement.	https://www.energy.gov/lpo/loan-programs-office	Submit applications through the Title XVII online application portal. Two part application process. NEPA Evaluation/Compliance Required
Energy	**Multiple Utilities - Savings By Design**	This program is administered by multiple utility companies, including SCE and SDG&E. SBD encourages high-performance, non-residential building design and construction (new construction), and a variety of solutions to building owners and design teams. *To be eligible for SBD, projects must be:* a. At a point in the design where the customer can implement energy efficient design alternatives in place of their current or conceived designs; b. service territory of a participating Utility and subject to payment of PPPC for electric service and/or the gas surcharge ; c. Within the definition of new construction; d. Project must be 10% better than T24 baseline. *Projects may be deemed ineligible for SBD incentives if:* 1. The project is determined as a free-rider; 2. results in negative energy or DEER peak demand savings; 3. received incentives for the same measures from another Utility incentive rebate source including "upstream programs" where the incentive is built-in to the price provided by the supplier; 4. does not present a Net Potential Benefit to the Rate Payers; 5. Redirected by the SBD Representative to other incentive offerings; 6. unable to provide proof of permit closure documentation required by SB 1414 or other local, state and/or fed requirements for which the participating utility must comply; 7. cannot begin installation of the energy efficiency components prior to receiving an executed Owner Agreement; 8. includes on-site renewable generation assets that result in no energy usage from grid-supplied fossil-fuel sources; 9. does not follow program rules.	Non-residential customers.	To encourage owners to invest in energy efficiency as a major goal in their new buildings, financial incentives are available to owners when the efficiency of their new building exceeds the minimum SBD threshold (generally 10% better than Title 24 Energy Efficiency Standards). Financial incentives are available to design teams who make the extra effort when integrating energy efficiency with exceptional design. The design team may qualify for incentives when the building design saves at least 10% and the owner agrees to participate in the program's whole building approach offering. Owner's Incentives are available for projects estimated to exceed Title 24 or standard practice baseline, by at least 10% on a whole building performance basis. Owner Incentives range from $0.10 – $0.40 per annualized kWh savings, with a step increase of $0.40 per annualized kWh savings for projects that exceed Title 24 by 40%, and $1.00 per annualized therm savings as the design becomes more efficient. Owners may also qualify for demand reduction incentives of $150 per kW. The maximum incentive per project is $150,000.	Applications must be received by 9/30/2020 to be eligible for SDG&E's Savings By Design Program. Deadline not located for participation under SCE.	https://www.sceonlineapp.com/SBD.aspx	Refer to the Savings By Design Participant Handbook. SDG&E Savings By Design team 858-650-4148; DWiggins@sdge.com SCE Contact 1.800.736.4777

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Energy	**SDG&E - 2020 Energy Efficiency Business Rebates (EEBR)**	Non-Lighting Rebates: equipment includes food service, refrigeration, natural gas, HVAC products. If a customer has received an incentive or services from another state or local Public Goods Charge (PGC) program, they are ineligible to receive a rebate for the same product(s). Conversely, if they receive a rebate from Energy Efficiency Business Rebates, they are ineligible to receive additional incentives or services from other state or local PGC programs for the same product(s).	Energy Efficiency Business Rebates is open to non-residential customers (commercial, industrial and agricultural customers) with existing buildings that have an electric or natural gas account with SDG&E. In general, water districts are eligible. To confirm, see utility bill for COM/IND/AG classification, or can call the SDG&E Energy Savings Center and look up classification with SDG&E Account Number or facility address.	Per Handbook, the total rebate limit is $1,000,000 per premise.	Program runs Jan 1 through Dec 31 or when funds run out. As of 9/17/20, haven't heard about funding getting close to running out.	https://www.sdge.com/sites/default/files/documents/FINAL_S2070017_EEBR_Handbook.pdf https://www.sdge.com/businesses/savings-center/rebates-incentives/non-lighting-rebates	
Energy	**SDG&E - 2020 Energy Efficient Business Incentives (EEBI)**	Incentive payments for energy-efficiency projects involving the installation of new, high-efficiency equipment or systems to save energy. A project may consist of the retrofit of existing systems or the installation of equipment associated with new or added load. Estimation software or engineering calculations are used to estimate the energy savings and incentive depending on the type of energy-efficiency measure installed. Some projects may require a measured savings approach. Incentives are paid based on kilowatt hours (kWh) or therms saved resulting from the installation of the new equipment or system. Equipment must exceed government standards, must operate at least 5 years and must not overlap other incentive programs offered by the utility. Measures involving self-generation (renewables) or cogeneration, or measures that do not involve significant replacement or installation of equipment are NOT eligible.	Per Fact Sheet, any commercial, industrial or agricultural customer who pays the public goods charge and/or demand-side management surcharge is eligible to participate regardless of size or project scope. In general, water districts are eligible. To confirm, see utility bill for COM/IND/AG classification, or can call the SDG&E Energy Savings Center and look up classification with SDG&E Account Number or facility address.	Your incentive amount is driven by the amount of energy the project saves. The more energy you save, the more incentives you earn - up to 50% of your project cost, or 100% of the allowable incentive amount. Incentive Rates: Electric - $0.12/kWh Gas - $1.25/Therm Peak Reduction - $150/KW Applicants are eligible to receive up to 50% of the full measure cost for Early Retirement and Retrofit Add-on measures, or 100% of the incremental measure cost for Replace on Burnout and New Load measures. Measures involving self-generation or cogeneration, or measures that do not involve significant replacement or installation of equipment are not eligible. For more information on these limitations, please refer to Section 1 of the Program Manual.	Program incentive funds will be allocated on a first-come, first-served basis, until all funds are committed. If all funds are committed, applications will be placed on a waiting list by SDG&E, and will be notified in order of receipt if additional funds become available.	https://www.sdge.com/businesses/savings-center/rebates-incentives/incentives	Pre-Application to allow Engineering Services to provide proactive project assistance. Pre-inspections are required for all projects. SDG&E Energy Savings Center at 1-800-644-6133 or email BusinessEnergySavings@sdge.com.
Energy	**SDG&E- On-Bill Financing 0% Interest Loans**	On-Bill Financing works in conjunction with our rebate and incentive programs and offers eligible customers zero-percent financing for qualifying energy-efficient business improvements. On-Bill Financing (OBF) provides interest-free, unsecured financing for purchasing and installing qualified energy-efficient equipment offered through utility rebates and incentives. For non-government-funded customers, projects must meet payback of three or five years or sooner. For government-funded customers, projects are allowed up to a ten year payback. Eligible equipment for OBF includes measures that qualify for incentives and/or rebates in SDG&E's energy efficiency and certain demand response programs.	Available to eligible commercial, industrial and agriculture customers with existing buildings/locations that have an SDG&E account. • Customer has had an active non-residential account for at least two yrs. • Customer has at least 12 months consumption on current meter • Customer in good standing with payments In general, water districts are eligible. To confirm, see utility bill for COM/IND/AG classification, or can call the SDG&E Energy Savings Center and look up classification with SDG&E Account Number or facility address.	Per Handbook, the minimum loan amount is $5,000. Loan amount is equal to: Total project cost - Rebates and/or incentives = Loan amount • Each non-residential customer may qualify for up to $100,000 per meter, with a maximum of $1,000,000 per customer • Each government-funded customer may qualify for up to $250,000 per meter, with a maximum of $2,000,000 per customer • Eligible low-income multifamily accounts may qualify for up to $250,000 per meter, with a maximum of $1,000,000 per customer • Eligible State of California accounts may qualify for up to $1,000,000 per meter, with a maximum of $2,000,000 per customer Must also verify that the measures that you're installing are eligible for a rebate or incentive. A customer may qualify for multiple loans under the OBF option on the same meter(s), provided amount of the loans does not exceed the max loan amount for the premises/customer type.	Ongoing program	https://www.sdge.com/0-interest-loans-qualifying-businesses https://www.sdge.com/sites/default/files/documents/FINAL_S1970117_OBF%20Handbook.pdf	

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Energy	**Southern California Edison - Customized Programs (Custom Behavioral Retrocommissioning and Operational [BRO], NMEC)**	The Customized Solutions Program provides financial incentives to qualifying non-residential customers for the permanent installation of new high-efficiency equipment or permanent operational improvement of existing equipment and systems. The financial incentive is provided to influence and enable customers to implement energy efficiency projects, or measures that would otherwise not be implemented. Incentives are paid on the energy savings and permanent peak demand reductions above and beyond a baseline energy performance, which include state-mandated codes, federal-mandated codes, industry-accepted performance standards, or other baseline energy performance standards as determined by the SCE. The program is not intended for customers who would have installed the measure(s) without the program influence, for negligent or deferred maintenance practice, or as a reward for established practices. Must operate at least 5 years, must be permanent cannot overlap with other incentive programs, existing equipment must be decommissioned and removed, and no equivalent deemed offering exists.	Energy Management programs are available to the following customers with a valid and active SCE electric service account: Business customers include commercial, non-profit, industrial, and agricultural businesses. Self-generation (Co-generation, wind, solar and other types of self-generation) customers may be eligible for Express Rebates and Customized if they purchase electricity from SCE. The amount of the incentive depends upon the amount of the customer's total energy usage that is provided by SCE, versus the cogeneration.	Customized Solutions are for all other eligible solutions or technologies that are not part of the Express Solutions programs. Incentives are paid on a project-by project basis on actual energy savings. SCE pays up to 100% of the incremental cost or 50% of the project cost — (labor, material and equipment — based upon fixed incentive rates for actual energy (kWh) and demand (kW) savings). Measure and incentive information (BRO): • $150/kW • $0.06/kWh • $0.75/therm (Southern California Gas Company customers only) • Note: For the purposes of calculating implementation cost, in-house labor can be included if proof of direct project hours and costs are provided.	Ongoing program	https://www.sceonlineapp.com/CustomizedSolutions.aspx	
Energy	**Southern California Edison - Express Solutions**	The Express Solutions Program provides rebates for energy-efficient upgrades to your business or facility, and a means to offset costs. Express Solutions are upgrades of existing equipment to more efficient options and are available to Non-residential business customers that install eligible, "prescriptive" energy efficiency measures. You'll be paid on a per-unit basis, up to 100% of the project's cost for qualified improvements to food-service equipment, refrigeration, HVAC, lighting…and you'll see energy savings for years to come.	Non-residential customers. Business customers include commercial, non-profit, industrial, and agricultural businesses.	The rebate payment amount is based on the number of measures approved at the prescriptive rates, as determined by the utility administrator. Rebates may change with little or no notice. Measures may expire before the end of the program cycle. Program funds are limited and available on a first-come, first-served basis and will continue until funds are expended or December 31, 2020, whichever occurs first. The rebate offering measure rebates are capped at the following: 1) The maximum rebate per measure is 100% of the total measure cost. 2) The maximum rebate per customer per year is $2,000,000 per customer, per calendar year.	Ongoing program	https://www.sceonlineapp.com/ExpressSolutions.aspx	https://www.sceonlineapp.com/DocCounter.aspx?did=468
Energy	**Southern California Edison - On-Bill Financing 0% Interest Loans**	Program participants will enjoy: 0% interest loans No fees Convenient loan repayment through your monthly SCE utility bill You could also receive additional benefits from your project, including long-term energy savings and financial incentives for installing qualified energy-efficient equipment (restrictions apply). To participate in OBF, you'll need to: Apply for one or more qualifying incentive programs ° Express Solutions (for a project not yet installed) ° Customized Solutions ° Midstream Point of Purchase Program ° Behavioral Retrocommissioning Program ° Third-Party Programs ° Public Sector Performance Based Retrofit Program ° Capital projects under the Strategic Energy Management Program ° Commercial Quality Maintenance Program ° Local Government and Partnership Programs	All SCE business customers are eligible to apply. Have an active SCE account for a minimum of the last two years Be in good credit standing with SCE Confirm that you would only undertake this project with the help of an OBF loan	Loan limits vary by customer segment. Loans are capped at the Service Account (SA) level. Customers with multiple SAs may have loans at each SA up to the maximum amount for their segment. When certain requirements are met, we will bundle or consolidate qualifying loans for customers. for Government & Institutional: Loan terms are up to 10 years and Minimum Loan $5,000, Maximum Load $1,000,000. **Bundled OBF Loans** — Government and Institutional customers can bundle multiple service accounts under the same Customer Account Number, at one or more premises, into a single OBF loan. Individual SA OBF loan applications can be bundled to meet the loan minimum. Customer segment loan limits apply. **Consolidated OBF Loans** — All business customers can consolidate multiple service accounts under the same Customer Account Number, at the same premise, into one consolidated OBF loan. Individual SA loans must meet the $5K OBF loan minimum to be consolidated. Customer segment loan limits apply.	Ongoing program	https://www.sce.com/business/tools/on-bill-financing	
Energy	**Southern California Edison or SDG&E - Self Generation Incentive Program (SGIP)**	The Self-Generation Incentive Program (SGIP) provides financial incentives for the installation of new qualifying technologies that are installed to meet all or a portion of the electric energy needs of a facility. The purpose of the SGIP is to contribute to Greenhouse Gas (GHG) emission reductions, demand reductions and reduced customer electricity purchases, resulting in the electric system reliability through improved transmission and distribution system utilization; as well as market transformation for distributed energy resource technologies.	Residential, commercial, industrial, government and non-profit customers who install qualifying types of distributed generation to meet all or a portion of their own energy needs.	SGIP offers rebates. Incentives for a proposed system are calculated by multiplying the capacity of the system, [rated capacity (kW) for generation projects, or energy capacity (kWh) for energy storage projects] by the incentive rate for the appropriate technology type. For more information on rated capacity criteria, see the SGIP Handbook. Incentive amounts: https://sites.energycenter.org/sgip/incentives So Cal Edison or SDG&E Customers can apply.	Applications accepted on a continuous basis.	https://www.selfgenca.com/home/about/	Applications must be submitted via the SGIP online application database at www.selfgenca.com.

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Energy, Water Supply	**California State Water Resources Control Board - Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit**	The purpose of the Water or Energy Audit is to encourage public agencies to take an independent look into current practices, identify potentially inefficient water or energy use and follow up with a well thought out plan to improve consumption of these valuable resources. Audits must be related to projects, facilities, or activities that are otherwise eligible for CWSRF funding. The applicant agency is encouraged to study water and energy in the audit, but may focus on one or the other. Agencies may hire consultants to perform the audit, or perform the work with their own staff.	Eligible Applicants: Nonprofit, Public Agency, Tribal Government. Any city, town, district, or other public body created under state law, including state agencies A Native American tribal government or tribal organization having jurisdiction over disposal of sewage, industrial wastes or other waste. Any designated and approved management agency under Section 208 of the Clean Water Act 501(c)(3)'s and National Estuary Programs.	Total estimated available funding is $2,000,000. Does not require matching funding. Reimbursement program. Principal forgiveness may be awarded for 100% of the audit costs, up to a maximum of $35,000. A funding application ought to be submitted prior to incurring any costs that the applicant wishes to be reimbursed for. This is because an "Eligible Work Start Date" is established during our application review process. Audit funds will be available for disbursement after the final report is submitted. Submit a draft report to the SWB for review. DFA staff will comment within 30 days. Update and submit the final report.	Ongoing. Applications are accepted and awarded continuously. Period of Performance: 1 Year.	https://www.grants.ca.gov/grants/clean-water-state-revolving-fund-cwsrf-program-water-energy-audit/	
Flood Management, Water Quality, and Environmental	**California Department of Water Resources - Riverine Stewardship Program** **NEW**	The RSP supports fish passage improvements and similar projects that increase ecological, stream management, climate, and community improvement benefits. Program goals include protecting, restoring, and enhancing the natural environment of riparian systems. RSP supports innovations in green infrastructure to provide habitat enhancements that benefit aquatic species and fish migration and help wildlife endure drought and adapt to climate change. Prioritizes funding for projects/programs that meet one or more of the following requirements: Be completed expeditiously and provide near-term benefits and alleviation of urgent problems related to water supply and water quality affecting native species and aquatic habitats, Provide instream water quality benefits by improving aquatic habitats and restoring natural ecosystem functions through green infrastructure designs and solutions that increase water supplies, enhance water supply reliability, groundwater storage, or improve water quality; Support public-private partnerships; Align with the Water Resilience Portfolio Sections 3, 9,10,11, and/or 29; Further support NOAA Endangered Species Management and Recovery Plan that support salmon, steelhead, and other native fish populations; and For programs and projects designed to increase water supplies, enhance water supply reliability, groundwater storage, or improve water quality.	Public Agency Geographic Limit of the "Delta export service area" and Counties within the Association of Bay Area Governments (Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma), areas of the state outside the delta that receive water from the State Water Project or the Central Valley Project, either directly or by exchange, by means of diversions from the Delta.	Total Estimated Available Funding: $6,500,000 for this solicitation. No matching funds required.	**Final Guidelines released: June 1, 2019.** **Rolling Application: Anticipated to Open January 2022** **Final Grant Awards: Summer 2022**	https://water.ca.gov/rspgrants	RSP@water.ca.gov
Habitat, Water Quality, Water Supply Reliability, and Environmental	**California Department of Water Resources, Riverine Stewardship Program - Urban Streams Restoration Program** **NEW**	The USRP funds projects and provides technical assistance to restore streams impacted by urban development to a more natural state. The USRP goals include: (1) protecting, enhancing, and restoring the natural, ecological value of streams; (2) preventing future property damage caused by flooding and bank erosion; (3) promoting community involvement, education, and riverine stewardship. Must include an education/outreach component linking project to the environment and sustainability of CA's water resources. Eligible projects types include: Bank stabilization and revegetation, Recontouring of channels to improve or reestablish floodplain function and localized flood protection, Installation of bioswales prior to water reaching urban streams, Removing of culverts or storm drains to stabilize channels to achieve flood control objectives and daylighting of streams, Purchase of lands or structures on lands to allow for floodplain reconnection and floodwater detention or wetlands/tidal zone restoration. The USRP may also fund planning-only grants for projects serving DACs.	USRP: Requires two applicants (sponsor and co-sponsor), including one local public agency or tribe and one nonprofit organization. The USRP recognizes partnerships when there is a signed MOU between authorities representing the partners included in the application.	Total Estimated Available Funding: $10,780,000 for this solicitation. Expected number of awards: 4-7. 20% matching funds; waived if benefits a DAC; funding match for costs after June 5, 2018.	**Final Guidelines released: June 1, 2019.** **Rolling Application: Anticipated to Open January 2022** **Final Grant Awards: Summer 2022**	https://water.ca.gov/rspgrants	RSP@water.ca.gov

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Habitat, Wetlands	**Wildlife Conservation Board - Habitat Enhancement and Restoration Program**	The Habitat Enhancement and Restoration Program (HERP) continues to support a wide variety of restoration projects that fall outside WCB's other mandated programs. HERP projects are distributed throughout California and all habitat types. The purpose of this program is to provide assistance for the restoration and enhancement of fish and wildlife resources. Eligible projects include: native fisheries restoration; restoration of wetlands; restoration of coastal, tidal, or fresh water habitat; other native habitat restoration projects including coastal scrub oak, grasslands, and threatened and endangered species habitats; in-stream restoration projects, including removal of fish passage barriers and other obstructions; and other projects that improve the quality of native habitat.	Eligible Applicants include: Private Landowners Nonprofit Organizations Resource Conservation Districts Public Agencies	Total estimated available funding is $1,000,000. Does not require matching finding. Reimbursement program. Most HERP funding is provided by the Habitat Conservation Fund and various voter-approved bonds. HERP projects must receive a recommendation from the California Department of Fish and Wildlife and provide for long-term maintenance following project completion.	Ongoing. Pre-applications are accepted continuously and will be reviewed and recommended by the WCB.	https://www.grants.ca.gov/grants/habitat-enhancement-and-restoration-program/	
Habitat Enhancement	**Wildlife Conservation Board - California Riparian Habitat Conservation Program**	California Riparian Habitat Conservation Program is accepting concept proposals for projects that provide meaningful and sustainable improvements to riparian habitats. Projects located in southern California (south of San Luis Obispo County) will be prioritized, as well as projects that advance the California Biodiversity Initiative. Concept proposals should be for: Implementation of a capital improvement project that restores or enhances riparian habitats and functions, Design and planning of a riparian habitat restoration project which leads directly to implementing a capital improvement project. Shovel-ready implementation projects that have a completed CEQA document will be prioritized. The following project types will be emphasized: Restoration of native riparian vegetation biodiversity, habitat complexity and structure, and habitat for species of special concern, Re-establishing floodplain connectivity, Contouring degraded, incised, or undefined streams to restore natural hydrology, Upper watershed improvements that will benefit on-site and downstream riparian resources.	Federal, state, and local government entities, non-profit organizations, and public districts are eligible to apply for riparian grants. The Program does not provide funding for maintenance activities or mitigation projects. Preference will be for projects that have matching funds.	Total Estimated Funding Available: $3,000,000. Does not require matching funding, but part of evaluation criteria Grantee or landowner will maintain protected and restored habitat in perpetuity for conservation easements, and typically for 25 years for other implementation projects. A long-term management plan is a requirement of any funded project. Grantee will complete environmental review for their project as required by state and federal laws and obtain all required environmental permits. A contribution of either cash or in-kind services is recommended for all projects; partnerships are strongly encouraged.	Ongoing. Pre-applications are accepted continuously and will be reviewed and recommended by the WCB.	https://wcb.ca.gov/Programs/Riparian	
Habitat Enhancement	**Wildlife Conservation Board - Regional Conservation Investment Strategies (RCIS)**	CDFW's RCIS program encourages public agencies to develop regional conservation planning documents using the best available science to identify regional conservation priorities and other actions to help California's species populations that may be vulnerable or declining by protecting, restoring, creating, and reconnecting their habitats. A RCIS is a voluntary, non-regulatory document that provides guidance on actions that, if implemented, would result in effective regional conservation. A public agency may propose an RCIS that is developed in consultation with local agencies that have land use authority within the RCIS area. The RCIS Program supports the following priorities: • Geographic areas lacking an NCCP or regional HCP (i.e., HCP's focused on regional conservation with large/interconnected reserve systems) • Geographic areas with a local (non-regulatory) conservation plan or strategy approved or adopted by a public agency • Proposals with matching funds (including in-kind match) • Proposals that demonstrate readiness and qualifications, including: State support letters likely and demonstrated successful grant management/completion experience	Business Individual Nonprofit Public Agency Tribal Government	Total estimated available funding: $3,000,000. Letter of Intent Required.	Ongoing Funding	https://www.grants.ca.gov/grants/regional-conservation-investment-strategies-rcis/	
Natural Resources, Climate	**California State Coastal Conservancy - Ongoing Funding**	The Coastal Conservancy accepts grant applications on an ongoing basis for projects that benefit public access, natural resources, working lands, and climate resiliency on the California coast. To find out how to access our ongoing funding opportunities for your project, please contact the Regional Managers above. After contacting a Regional Manager, if your project is eligible for Conservancy funding, you will either be asked to fill out a pre-proposal application (approx. 3 pages) or advised to apply during one of our scheduled grant rounds.	The Conservancy can make grants to government agencies (federal, state, local, and special districts), federally-recognized tribes, and 501(c)(3) nonprofit organizations with purposes consistent with Division 21 of the Public Resources Code.	Contact program for current funding available.	Ongoing Funding	https://scc.ca.gov/grants/	

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Natural Resources, Climate, Public Access, Coastal	**California State Coastal Conservancy - Coastal Resource and Public Access Program**	Program accepts grant applications on an ongoing basis for projects that benefit public access, natural resources, working lands, and climate resiliency on the California coast. The Conservancy funds a wide variety of capital improvement projects along the California coast, in the San Francisco Bay Area, along the Santa Ana River, and in coastal watersheds, to increase availability of beaches, parks and trails for the public, protect and restore natural lands and wildlife habitat, preserve working lands, and increase community resilience to the impacts of climate change. Jurisdiction runs the length of the California coast and includes the SF Bay Area, the Santa Ana River corridor, and coastal watersheds. Projects that achieve multiple objectives will receive higher priority for funding. Projects that serve disadvantaged communities, as defined by the funding source, will also receive higher priority for funding. Will fund most stages of a capital improvement project including: pre-project feasibility studies, property acquisition, project planning including community involvement, design, environmental review, permitting, construction, and project-related monitoring. Does not fund O&M activities.	Nonprofit Public Agency Tribal Government The State Coastal Conservancy can make grants to government agencies (federal, state, local, and special districts), federally-recognized tribes, and 501(c)(3) nonprofit organizations with purposes consistent with Division 21 of the Public Resources Code.	Total estimated funding available: $15,000,000. Matching fund requirements vary by funding source.	Applications accepted on a continuous basis.	https://www.grants.ca.gov/grants/coastal-resource-and-public-access-program/	
STEM Education, Environmental Conservation and Sustainability, Public Safety	**Marathon Petroleum Foundation, Inc.**	STEM Education: better prepare middle school, high school and career/technical education students for professional and academic success by increasing access to high-quality educational resources and instruction. Environmental: These efforts may include recycling initiatives, clean-ups, educational programs, the construction of nature trails and research projects. Public Safety: Provide funding, equipment and support to first responders, government agencies and community based organizations to increase the overall safety of the communities where we operate.	Eligible organizations must be both: Incorporated in the U.S. and Recognized as a nonprofit organization by the Internal Revenue Service under Section 501(c)(3) of the U.S. Internal Revenue Code or as part of a federal, state, local or tribal government as provided by Section 170(c)(1).	2019 Median Award $25,000. 534 Grants and Sponsorships. Ineligible: Individuals, For-profit entities, Political parties, candidates and organizations; Fraternal, labor, athletic, alumni and social organizations and their related foundations Chambers of commerce and other business leagues or organizations, Private foundations and foundations classified as supporting organizations by the IRS; Organizations that do not comply with the USA Patriot Act; Churches, mosques, synagogues or other houses of worship and related ecumenical groups; Organizations that discriminate against others.	Applications accepted on a continuous basis.	https://www.marathonpetroleum.com/Sustainability/Creating-Shared-Value-and-Opportunity/Marathon-Petroleum-Foundation/	
Water Quality	**California Department of Pesticide Regulation Supplemental Environmental Project Funding**	A Supplemental Environmental Project (SEP) is used to offset a portion of the civil penalties for violators illegally using pesticides and are environmentally beneficial projects that a respondent agrees to voluntarily undertake in settlement of an enforcement action. SEPs improve pesticide use to minimize potential impact to people and the environment, particularly in disadvantaged communities. A proposal form must be submitted, located at the following link: https://calepa.ca.gov/sep-proposal-form/	Public entities and stakeholder organizations (NGOs).	The amount of the SEP may be up to 50% of the settlement penalties.	Continuous application process.	http://www.cdpr.ca.gov/docs/enforce/enfords/sep_policy.htm	Contact: Phone: (916) 324-2666 E-mail: Marta.Barlow@cdpr.ca.gov
Water Quality	**California Department of Toxic Substances Control (DTSC) Supplemental Environmental Projects Funding**	DTSC's first Supplemental Environmental Project (SEP) Policy encourages projects that benefit California communities most burdened by environmental harm, and demonstrates DTSC's commitment to environmental justice. SEPs are projects that: Improve the environment or public health; are voluntarily taken by a defendant in the settlement of an enforcement action; may offset a portion of a penalty; and go beyond compliance with legal requirements. Please Note: CalEPA has requested that all project proposals be submitted through their form. CalEPA staff will then forward projects to the corresponding agencies. https://calepa.ca.gov/enforcement/supplemental-environmental-projects/	Public or non-profit (NGO) entity with a project that meets the following: Prioritizes projects in communities where a violation occurred; Prioritizes projects in environmental justice communities and disadvantaged communities; Identifies federally recognized Native America tribes as potential recipients of SEPs; and	Provides the option to allocate up to 50% of fines and penalties to a SEP	Continuous application process.	https://dtsc.ca.gov/supplemental-environmental-projects/	Contact: sep-comment@dtsc.ca.gov. CalEPA's form can be found at their website here: https://calepa.ca.gov/supplemental-environmental-projects/
Water Quality	**California State Water Resources Control Board - Agricultural Drainage Loan Program**	The Agricultural Drainage Loan Program was created by the Water Conservation and Water Quality Bond Act of 1986 to address treatment, storage, conveyance, or disposal of agricultural drainage water that threatens waters of the State. Projects must address treatment, storage, conveyance or disposal of agricultural drainage that threaten waters of the State.	Eligible Applicants include any city, county, district, joint powers authority or other political subdivision of the State involved with water management.	Total of $ 6.66 Million available. Loan repayments are for a period of up to 20 years Webpage last updated 6/2/2020	Continuous application process.	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/agdrain/agdrain_loan.shtml#funding	Contact: Meghan.tosney@waterboards.ca.gov

Primary Project Benefit	Agency & Program Name	Program Description & Eligible Projects	Eligible Applicants	Funding Amount & Cost Share/Funding Match	Due Date	Link to Guidelines / Application	Comments
Water Quality	**California State Water Resources Control Board - Agricultural Drainage Management Loan Program**	The Agricultural Drainage Management Loan Program, created by Proposition 204 and distributed through the Agricultural Drainage Management Subaccount, provides loan and grant funding for Drainage Water Management Units. Drainage Water Management Units are land and facilities for the treatment, storage, conveyance, reduction or disposal of agricultural drainage water that, if discharged untreated, would pollute or threaten to pollute the waters of the State. This program is available to any city, county, district, joint power authority, or other political subdivision of the State involved with water management.	Eligible Applicants include any city, county, district, joint powers authority or other political subdivision of the State involved with water management.	Total of $10.44 Million available. Loan repayments are for a period of up to 20 years Webpage last updated 6/2/2020	Continuous application process.	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/agdrain/agdrain_mgmt.shtml	Contact: Meghan.tosney@waterboards.ca.gov
Water Quality	**California State Water Resources Control Board - Supplemental Environmental Projects (SEPs)**	Supplemental Environmental Projects (SEPs) are environmentally beneficial projects that a settling party agrees to undertake in the settlement of an action to offset a portion of a civil penalty. The State Water Board supports the inclusion of SEPs in the settlement of an enforcement action, so long as these projects meet the criteria specified in the SEP Policy to ensure that the selected projects have environmental value, further the enforcement goals and other important policies of the Water Boards, and are subject to appropriate input and oversight by the Water Boards.	Public entities and stakeholder organizations (NGOs) with projects in areas governed by the Water Board. A more defined public process for soliciting potential SEPs is part of the proposed SEP Policy amendment.	Amount of SEP: Administrative civil liabilities and civil penalties assessed under the Water Code are paid into special funds for specific environmental purposes. The State Water Board has a strong interest in monitoring the use of funds for SEPs that would otherwise be paid into accounts for which it has statutory management and/or disbursement responsibilities. No settlements shall be approved by the Water Boards that fund a SEP in an amount greater than 50 percent of the total adjusted monetary assessment against the settling party. The total adjusted monetary assessment is the total amount assessed, exclusive of a Water Board's investigative and enforcement costs.	Applications accepted on a continuous basis. The Water Boards are currently seeking proposals for SEPs to be compiled into a statewide proposed SEP list. This list will be available to the public and updated on a quarterly basis.	https://www.waterboards.ca.gov/water_issues/programs/enforcement/sep.html	Contact: Matthew.Buffleben@waterboards.ca.gov can also assist in connecting you with the appropriate Regional Water Board or State Water Board Division contact.
Water Quality	**State Water Resources Control Board - Cleanup and Abatement Account Funding Program (CAA) Urgent Drinking Water Need Projects**	Tier 1 - Primary Urgency: a) Emergency projects that require immediate action to mitigate a significant threat to the environment or a threat to public health and safety where there has been no viable RP identified, or where the viable RP is unwilling or unable to adequately respond to the emergency; b) Urgent drinking water needs. Tier 2 – Secondary Urgency: a) Projects that address a less urgent need to clean up a waste or abate the effects of a waste on waters of the State where no viable RP has been identified, or where the viable RP is unwilling or unable to adequately respond. Example Eligible Projects (including, but not limited to) Provision of interim alternate water supplies (bottled or hauled water). Emergency improvements or repairs to existing water systems as necessary to provide an adequate supply of domestic water if shown to be a more cost-effective interim solution than provision of interim alternate water supplies. Eligible improvements or repairs include but are not limited to: Well rehabilitation or replacement; Emergency interties, extension of service, or consolidation projects; Treatment systems; Rented, borrowed or purchased equipment; Design, installation and initial startup costs. Projects with an RP that has a legal obligation and financial capacity to address the waste are not eligible for CAA funding.	A public agency, including Regional Boards. A tribal government that is on the California Tribal Consultation List maintained by the Native American Heritage Commission and is a disadvantaged community (DAC). A not-for-profit organization serving a DAC; or A community water system that serves a DAC. The local DDW District Office can assist public water systems by submitting the application on behalf of a water system.	Total estimated available funding $9,700,000. An eligible recipient may request emergency funding for only one (1) project per drinking water emergency or threatened emergency. Emergency funding will generally be limited to $500,000 per project. Cost share TBD. Eligible Tier 2 projects include but are not necessarily limited to planning and design including pilot projects, or implementation of the following: · Cleanup of Oil/Diesel/Petroleum Spill, Mining Waste Leachate Drainage, or other Discharges. · Removal of Contaminated Sediment, Illegally Dumped Material, or other Debris. · Remediation of Contaminated Groundwater. · Watershed Restoration, including Habitat Restoration, Erosion Control, Algae Abatement, etc.	Applications can be submitted on a continuous basis through FAAST until funds exhausted. Board staff will annually estimate fund availability based on the current and projected uncommitted CAA balance, projecting over a minimum of years. Tier 1 funding requests are accepted on a continuous basis. Tier 2 funding requests will be accepted through a separate solicitation that may or may not occur each year.	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/caa/urgent_water_needs.html	
Water Quality	**California State Water Resources Control Board - Orphan Site Cleanup Fund**	The Orphan Site Cleanup Fund (OSCF) is a grant program within the Division of Financial Assistance. The OSCF Program provides financial assistance to eligible applicants for the cleanup of sites contaminated by leaking petroleum underground storage tanks (USTs) where there is no financially responsible party, and the applicant is not an eligible claimant to the UST Cleanup Fund.	• Grantee is not eligible for the UST Cleanup Fund. • Grantee did not cause or contribute to release. • Grantee has no affiliation with a person who caused or contributed to the release. • Principal source of contamination is from a petroleum UST. • No financially responsible party has been identified to pay for the cleanup costs.	The OSCF program is no longer limited to funding only brownfield sites. The maximum amount of grant monies available for an eligible occurrence drops to $1 million for any grant application filed on or after January 1, 2015.	Application accepted on a continuous basis.	https://www.waterboards.ca.gov/water_issues/programs/ustcf/oscf.shtml	
Water Quality	**CalRecycle Supplemental Environmental Project Funding**	CalRecycle has developed a policy and procedures for supplemental environmental projects (SEP), per AB 1071 which intends to direct additional resources to disadvantaged communities to appropriately address environmental health impacts in these communities through the implementation of SEPs. A supplemental environmental project allows entities in violation of environmental laws to voluntarily undertake environmental projects as part of a settlement of an enforcement action. AB 1071 intends SEPs to include a focus on benefiting disadvantaged communities and engaging community-based organizations.	DACs and community-based organizations	The amount of the SEP may be up to 50% of the settlement penalties. To apply, fill out the proposal form here: https://calepa.ca.gov/sep-proposal-form/. For additional information read CalRecycle's SEP Criteria and Categories document or e-mail EnvironmentalJustice@calrecycle.ca.gov.	Projects may be submitted all year round.	http://www.calrecycle.ca.gov/EnvJustice/SEP/	

Primary Project Benefit	Agency & Program Name	Program Description & Eligible Projects	Eligible Applicants	Funding Amount & Cost Share/Funding Match	Due Date	Link to Guidelines / Application	Comments
Water Quality, Energy	**David and Lucile Packard Foundation**	Increasing energy efficiency across all sectors; help ensure that fishing and marine aquaculture are sustainable and to protect places that are vital to maintaining biodiversity and wild fish stocks; Understand and proactively address the impacts of greenhouse gas emissions on the ocean.	Grants are made only for charitable, educational, or scientific purposes, primarily from tax-exempt charitable organizations. The Packard Foundation does not fund the following: Lobbying and activities to influence specific legislation, Conference fees and tuition assistance, Religious organizations, Individuals	Depending on budget size and introductory conversation with program officer.	LOIs accepted on a continuous basis.	https://www.packard.org/what-we-fund/ocean/	
Water Quality, Water Supply, Reliability and Efficiency	**Coca-Cola Foundation (Private Foundation)**	Water: access to clean water, water conservation and recycling. Does not fund projects to acquire or improve land, building or equipment. They are unable to provide support for construction or renovation projects. Has history of funding dams and wells, ram pump technology, wastewater treatment, watershed restoration, soil conservation and restoration, sustainable agriculture and water reduction needs, lake restoration, hydration centers, water sanitation. Strong international focus.	Open to public agencies and nonprofits.	There is no dollar limitation for grant requests.	The Coca-Cola Company and its affiliated foundations accept applications for contributions, fundraising dinners, and community sponsorships year-round.	https://www.coca-colacompany.com/our-company/the-coca-cola-foundation	
Water Supply, Reliability	**California Department of Water Resources - Small Community Drought Relief Program**	The purpose of the Small Communities Drought Relief Program is to provide immediate and near-term financial and technical support to help small communities survive this and future droughts. Small communities are those not served by an urban water supplier with at least 3,000 connections or that provides more than 3,000 acre-feet of drinking water annually. Eligible projects shall be in counties included in Governor Newsom's state of emergency proclamations for 2021 or must be in an area determined by the State Water Resources Control Board where drought conditions necessitate urgent and immediate action. Any county or jurisdiction included in future drought proclamations or for circumstances for which the SWRCB determines that drought conditions necessitate urgent and immediate action to ensure availability of safe drinking water, to protect public health and safety, will also qualify for funding. Project Types: reliable water supply sources, water system storage, replace aging and leaking pipelines, backup power sources for system operation, emergency water system repairs, bottled/hauled water, new wells and water storage tanks, and improvements to intakes and distribution systems. Eligible Costs: reasonable cost of studies, engineering, design, construction, other direct work.	• Public agencies (e.g., Counties, cities) • Public utilities • Special districts (e.g., school districts, community service districts, irrigation districts, flood control districts, reclamation districts) • Colleges and universities • Mutual water companies • Nonprofit organizations • Federally recognized Indian tribes • State Indian tribes listed on the Native American Heritage Commission's California Tribal Consultation List	Total Estimated Funding Available: $192,000,000. The funding must be encumbered (for an agreement/contract) by June 30, 2024, and must be expended by June 30, 2026; therefore, projects must be completed by March 31, 2026 to allow time for the closeout process and final payment, including retention.	Applications submitted on a rolling basis. Small communities impacted by the drought are encouraged to apply as soon as possible. Applications will be processed as they are received until funds are exhausted or until **December 29, 2023**, whichever comes first.	https://www.grants.ca.gov/grants/small-community-drought-relief-program/	Contact: 559-230-3309, SmallCommunityDrought@water.ca.gov
Water Supply	**Resources Legacy Fund (Private Foundation)**	Sustaining California's Ocean; Sustainable Fisheries Fund; California Fisheries Improvement Strategy; California Coastal Program. Land-Sea Connection – Seeks to advance the ecological resilience of California coastal and marine ecosystems in response to a wide range of threats, including the emerging impacts of climate change, by better integrating conservation efforts focusing on watersheds and targeting land-based threats to water quality and ocean health.	N/A	Varies program to program, $500,000 average maximum.	Foundation does not accept unsolicited applications; requires an introductory meeting with program officer. Foundation will then invite applicants to submit LOI	http://resourceslegacyfund.org	
Water Supply and Efficiency	**California State Water Resources Control Board - Water Recycling Funding Program - Construction Loan and Grant Program and Planning Grant Program**	The Program promotes the beneficial use of treated municipal wastewater (water recycling) in order to augment or offset fresh water supplies in California by providing technical and financial assistance to agencies and other stakeholders in support of water recycling projects and research. Construction: Provide construction loans and grants for water recycling projects. Eligible uses: Construction of water recycling distribution, storage, pumping, treatment, including groundwater recharge facilities and spreading basins. Planning: Planning of Recycled Water. Determine the feasibility of using recycled water to offset the use of fresh/potable water from state and/or local supplies. Only local public agencies are eligible to receive a facility planning grant. Eligible uses: Preparation of a complete facilities planning report (stamped and signed by a licensed California engineer), including a market assessment, alternative analysis, development of user assurances and preparation of a construction financing plan.	Only local public agencies are eligible to receive a planning grant. Depending upon the funding source, eligible applicants for construction programs are local public agencies, 501(c)(3) nonprofit organizations qualified to do business in California, public utilities, federally recognized Indian tribes, and mutual water companies.	Planning Grants: 50% of total study costs ($75,000 max); Construction Grants: 35% of total project costs ($15-20 million max); Construction Loans: Low interest loans with up to 30 year term based. At least 50 percent local cost share match must be provided (Planning Grants) or at least 35 percent local cost match for Construction Grants). Change in new guidelines: DAC and SDAC can get 100% of total costs.	Applications are accepted on a continuous basis. SWRCB Adopted Amended Guidelines: October 16, 2019.	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/water_recycling/	

SOTO Resources

Primary Project Benefit	Agency & Program Name	Program Description & Eligible Projects	Eligible Applicants	Funding Amount & Cost Share/Funding Match	Due Date	Link to Guidelines / Application	Comments
Water Supply and Efficiency	**Metropolitan Water District of Southern California - Water Savings Incentive Program (WSIP)**	The Water Savings Incentive Program provides rebates to non-residential consumers for improving water efficiency with upgraded equipment or services that do not qualify for other standard Metropolitan rebates. WSIP provides financial incentives for customized water efficiency projects including: installation of commercial or industrial high-efficiency equipment; industrial process improvements; agricultural and landscape water efficiency improvements; water management services, and NO-DES trucks. Projects must: • Save at least 10 MG over the total project lifespan (up to 10 years) • Projects cannot be installed prior to rebate application approval • Cannot save potable water by replacing it with another water source such as recycled or well water • At least three years of water use history must be provided to establish a water use baseline before project implementation • Projects that involve equipment must operate for at least five years and save water for the lifespan of the equipment • Water management services projects must have third-party contractual services for at least one year	All non-residential consumers within Metropolitan's service area can apply for a WSIP incentive (projects in multi-family residential common areas may be eligible). New construction projects are not eligible.	Most incentives are $0.60 per 1,000 gallons of water saved. Payments are usually phased. A percentage of the estimated total incentive may be provided to the customer upon project installation or implementation. The balance is paid after one year of monitoring the actual water use and verifying water savings compared to pre-project usage. Consumers are encouraged to apply at least two months before projects are planned to start to ensure adequate time for the application process. Participants who do not anticipate starting their projects within the next 12 months should wait to apply. Eligible costs may include audits, design, engineering, construction, equipment and materials (including plant materials), hardware and software, freight and shipping, third-party labor and contract water management services.	Incentives are provided on a first-come/first-serve basis until funding is exhausted.	https://www.bewaterwise.com/water-savings-incentive-program.html	Contact: wsip@egia.org or 888.645.3301
Water Supply, Reliability and Efficiency	**California Department of Water Resources - CalConserve Revolving Fund, Proposition 1**	Water conservation & water use efficiency. CalConserve Water Efficiency Revolving Fund loans for local agency customer water saving upgrades and repairs, and for leak detection and repair. Project Types: Pilot project for local agencies to provide water efficiency upgrades to eligible residents at no upfront costs. Local agencies to provide low-interest loans to customers to finance the installation of onsite improvements to repair or replace, as necessary, cracked or leaking water pipes to conserve water.	Local Agencies: any city, county, city and county, municipal utility district, community services district, sanitary district, sanitation district, water district as defined in Section 20200, public water system as defined in Section 116275 of the Health and Safety Code, or private water company under the jurisdiction of the PUC.	$1.75 million is to be loaned out for water use efficiency upgrades. $5 million is to be loaned out for fixing expensive and difficult to repair customer leaks. $3,000,000 cap per project.	The CalConserve Revolving Fund Loan Program solicitation is available on a first-come, first-served basis until funds are exhausted.	https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/CalConserve-Water-Use-Efficiency-Loan-Program	
Water Supply, Reliability and Efficiency	**California State Water Resources Control Board - Public Water System Drought Emergency Response Program**	Interim and/or permanent solutions for community water systems and public water systems owned by school districts, suffering drought related water outages or threatened emergencies, including: Interties, well modification, new wells, hauled/water/interim water, source alternatives, planning and construction. All drought related funding requests begin at the local level.	Community Water Systems and Public water systems owned by a School District.	Estimated Funding $15,000,000. Emergency funding may not exceed $500,000 per project. The eligible recipient must contact their respective SWRCB Drinking Water District Office that will assist recipients by generating funding requests in the form of PWSDER Request Memos. SWRCB Drinking Water District Offices transmit each PWSDER Request memo to SWRCB - DFA for final funding determination.	Application accepted on a continuous basis.	https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/drought/PWSDE%20-%20Drought%20Emergency%20-%20Criteria(Guidelines)%203-28-14-final.pdf	
Water Supply, Reliability and Efficiency	**Metropolitan Water District of Southern California - Local Resources Program (LRP)**	New water recycling, groundwater recovery, and seawater desalination projects are eligible for funding provided they include construction of new substantive treatment or distribution facilities. Existing projects or those that have commenced construction prior to application submittal are ineligible. Strong consideration will be given to projects that are well positioned for construction and timely production of stated project capacities in the near future. Projects with long ramp-up schedules may be addressed in phases. Agency must apply for each phase separately when each phase is poised for timely construction and operation. Expansion of an existing project may be eligible on a case by case basis. For an expansion project to be eligible, Agency must be committed for the expansion to produce water above the existing facility annual production acre-feet.	The LRP is open to public and private water agencies within Metropolitan's service area. Applications must be made through the applicant's respective Metropolitan member agency. Applicants are strongly encouraged to initiate early coordination with Metropolitan regarding proposed projects. Submittal of a LRP application does not signify or guarantee funding approval by Metropolitan.	There are three LRP incentive payment structure options to choose from: sliding scale incentives up to $340/AF over 25 years, sliding scale incentives up to $475/AF over 15 years, or fixed incentive up to $305/AF over 25 years. One option must be chosen at the time of application. Construction must start within 2 years after agreement execution and start operations 4 years after agreement execution.	Applications accepted on a continuous basis. Project applications will be accepted until the target yield of 170,000 acre-feet per year is fully subscribed.	https://www.mwdh2o.com/LRP	
Water Supply, Reliability and Efficiency	**California State Water Resources Control Board - Seawater Intrusion Control Loan Program**	Low-interest loans to local agencies for the design and construction of publicly owned facilities necessary to protect groundwater quality in basins threatened by seawater intrusion, which are subject to a local groundwater management plan, and where restrictions on groundwater pumping, a physical solution, or both, are necessary to prevent the destruction of, or irreparable injury to, groundwater quality. Eligible projects may include, but are not limited to, water conservation, freshwater well injection, and substitution of groundwater pumping from local surface supplies. Construction of distribution, storage, pumping, injection wells and treatment facilities.	City, county, district, joint powers authority, or other political subdivision of the state involved in water management	Limited to $2.5 million. Interest rate is ½ of the general obligation bond Repayment term of 20 years.	Continuous application process. The date of the Division's approval of a complete application will determine the order of project funding.	http://www.waterboards.ca.gov/water_issues/programs/grants_loans/swic.shtml	

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Water Supply, Reliability and Efficiency	**Metropolitan Water District of Southern California - Onsite Retrofit Program**	This program provides financial incentives to assist public and private property owners to convert irrigation or industrial systems from potable to recycled water. Eligible projects must be within Metropolitan Water District's service area and must offset the demand on Metropolitan's potable water system. Items eligible for incentives include: • Project design • Permitting • Construction costs associated with the retrofit of potable to recycled water systems • Connection fees • Required recycled water signage.	The Program is open to public or private property owners with access to recycled water within Metropolitan's six county, 5,200-square mile service area. Systems already under construction are NOT eligible. Commercial, industrial and institutional property owners, including Homeowner Associations.	This program provides incentives of $195 per acre-foot for five years of estimated water use, up to actual retrofit costs. Once the application is approved, construction must begin within three months, recycled water service must be operational within seven months and invoices must be submitted within nine months from the date of approval. Reserved funds may be withdrawn for projects that do not meet all deadlines. In order to be eligible for this incentive, all permitting must be complete and recycled water must be available at the project site at the time of application.	Applications are accepted on a continuous basis until funds are exhausted. Applications received after program funding is exhausted will be placed on a waiting list for possible funding only if additional funds become available for the program.	http://bewaterwise.com/on-site-retrofit-program.html	
Water Supply, Reliability and Efficiency	**US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Emergency Response Actions**	Reclamation will continue to undertake emergency response actions under the Drought Response Program to minimize losses and damages resulting from drought, relying on the authorities in Title I of the Drought Act. Emergency response actions are crisis driven actions in response to unanticipated circumstances. Eligible emergency response actions are limited to temporary construction activities and other actions authorized under Title I that do not involve construction of permanent facilities, including water purchases and use of Reclamation facilities to convey and store water.	States and Indian tribes in the Western United States (except Alaska). Applicant needs an existing drought contingency plan on file or a state governor or tribal leader drought declaration. Assistance must be requested in writing.	Funding availability is dependent on appropriations. Up to $100,000 in Federal funds will be made available for each emergency response action. A non-Federal cost-share is not required; however, requests that include a non-Federal cost-share contribution will receive additional points in the evaluation criteria	Reclamation will accept emergency assistance requests on an on-going basis.	https://www.usbr.gov/drought/emergency.html	
Water Supply, Reliability and Efficiency	**US Environmental Protection Agency - WaterSense Rebate Program offered through MWDOC**	MWDOC receives EPA WaterSense funding to offer rebates to its service area for Smart Sprinkler Timers and Central Computer Irrigation Controller Systems and Sprinkler Nozzles	Applicant must be located in MWDOC's service area.	Weather-based irrigation controllers: Smart Residential Rebate Level: $80, or more in select areas, for properties less than one acre-or- $35 per station for properties greater than one acre. Commercial Rebate Level: $35 per station for all properties. Sprinkler Nozzles: Residential Rebate Level: $2 (or more) per nozzle, with a 30 nozzle minimum. Commercial Rebate Level: $2 (or more) per nozzle, with a 30 nozzle minimum.	Rebates are subject to availability and retail water agency participation. Rebate applications can be submitted on a continuous basis.	https://www.mwdoc.com/save-water/rebates/smart-sprinkler-timers/	
Water Supply, Reliability and Efficiency Water Quality	**State of California Coastal Conservancy Prop 68 Grant Program**	Projects must be consistent with the Conservancy's enabling legislation, meet the Conservancy's required project selection criteria, support the Conservancy's Strategic Plan and be consistent with the applicable chapter of Prop 68. For the fiscal year of July 2019 to June 2020, the only available funds from Proposition 68 are for overnight coastal accommodations, coastal redwood forests, and a variety of San Francisco Bay projects. No new information is posted for 2020/21.	Government agencies, federally recognized tribes and certain nonprofit organizations.	Santa Ana River Conservancy allocation: $16 million All Coastal Conservancy Purposes: $85 million Anticipate to award funding over the five-year period 2019-2024	Final Solicitation and Evaluation Guidelines - August 2019; Pre-Proposals accepted on rolling basis to grants@scc.ca.gov; invitations for full proposals; Board meetings 5 times/year.	https://scc.ca.gov/grants/proposition-68-grants/	
Water Supply, Reliability and Efficiency, and Wastewater, Flood Management	**FEMA - Public Assistance Grant Program**	Supplemental Federal disaster grant assistance for the repair, replacement, or restoration of disaster-damaged, publicly owned facilities and facilities of certain private non-profit organizations. Public Assistance Grant funds are available to eligible applicants. The Program does not cover for-profit drinking water or wastewater utilities. To be eligible for FEMA funding, the work must: • Be required as the direct result of a Presidentially declared disaster; • Be performed at a facility that had been in active use at the time of the disaster; • Occur within the designated disaster area; and • Be the legal responsibility of the applicant at the time of the disaster. Work that is eligible for supplemental Federal disaster grant assistance is classified as either emergency work or permanent work.	Eligible applicants include public drinking water and wastewater utilities.	The Federal share of assistance is not less than 75% of the eligible cost for emergency measures and permanent restoration. The State determines how the nonfederal share (up to 25%) is split with the applicants.	Applications accepted on a continuous basis.	https://www.epa.gov/sites/production/files/2015-08/documents/public-assistance-for-water-and-wastewater-utilities-in-emergencies-and-disasters.pdf	
Water Supply, Reliability and Efficiency, Water Quality, Flood Management, Park	**California Infrastructure and Economic Development Bank (IBank) - Infrastructure State Revolving Fund (ISRF) Program**	Provide financing for public infrastructure projects such as: • Water Treatment and Distribution; • Drainage and Flood Control; • Sewage Collection and Treatment; • Parks and Recreation Facility; • City Street; • Educational Facility; • Educational, Cultural, and Social Facility; • Port Facility; • Public Safety Facility; • State Highway; • County Highway; • Environmental Mitigation Measures; • Power or Communications Facility; • Public Transit; • Military Infrastructure; • Defense Conversion	Eligible Applicants include, but are not limited to: any subdivision of a local government, including cities, counties, special districts, assessment districts, joint powers authorities and non-profit corporations (as deemed eligible).	$50,000 to $25 million loans; larger loans with Board approval. Maximum term 30 years. Rates higher than 1% (2018-2020 3-4% typical). Uses a proprietary interest rate method to ensure borrowers have the best chance to receive below-market interest rates.	Applications accepted on a continuous basis. Encouraged to call before applying.	http://www.ibank.ca.gov/infrastructure-state-revolving-fund-isrf-program/	ISRF Activity Reports Publish Interest Rate Information https://www.ibank.ca.gov/news-publications/publications/

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Water Supply, Reliability, Wastewater	**U.S. Economic Development Administration: FY 2020 Public Works and Economic Adjustment Assistance Programs**	Investments that support construction, non-construction, technical assistance, and revolving loan fund projects under EDA's Public Works and EAA programs. EDA provides strategic investments on a competitive- merit-basis to support economic development, foster job creation, and attract private investment in economically distressed areas of the US. All projects considered for EDA funding under this NOFO must be consistent with at least one of EDA's Investment Priorities. EDA's Investment Priorities can be found at https://www.eda.gov/about/investment-priorities.htm. EDA's website will be updated on January, April, June, or September 15 of each year if there are revisions to Priorities. Investment Priority #2: Critical Infrastructure: Projects that establish the fundamental building blocks of a prosperous and innovation-centric economy and a secure platform for American business, including physical (e.g., broadband, energy, roads, water, sewer) and other economic infrastructure. For CARES Act funding, applicants must explain clearly in their application how the proposed project would "prevent, prepare for, and respond to coronavirus" or respond to "economic injury as a result of coronavirus."	Public and State controlled institutions of higher education Native American tribal governments (Federally recognized) Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education Others (see text field entitled "Additional Information on Eligibility" for clarification) County governments State governments Special district governments Private institutions of higher education City or township governments Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education	$100,000 to $30,000,000 Generally, the amount of an EDA award may not exceed 50 percent of the total cost of the project. Due to the extraordinary level of interest in EDA's CARES Act Recovery Assistance there has been an unusually high volume of applications received. Prospective applicants are strongly encouraged to contact their applicable EDA Regional Office representatives to discuss their needs and availability of funds. Prospective applicants can find current contact information for EDA Regional Office staff at https://www.eda.gov/contact/.	Applications will be accepted on an ongoing basis until a new PWEAA NOFO is published, this PWEAA NOFO is cancelled, or all funds have been expended.	https://www.grants.gov/web/grants/view-opportunity.html?oppId=321695	https://www.eda.gov/about/investment-priorities/
Water Supply, Water Quality	**California State Water Resources Control Board - Clean Water State Revolving Fund (CWSRF) Program: Wastewater Treatment Projects and Expanded Use** **UPDATED**	Low-interest loan financing for eligible water projects, including publicly-owned wastewater treatment, local sewers, water reclamation and reuse, stormwater treatment, water conservation, watershed projects, energy conservation, security measures at publicly-owned treatment works, and technical assistance. Now includes planning/design, a separate loan from construction with similar terms. Projects are reviewed/scored by end of January each year if submitted by December 31; draft fundable project list is posted for public comment in early April; final list adopted in June and included in the Intended Use Plan; July starts the funding agreement process. The eligible start date has been redefined to allow construction costs to be eligible starting with the Notice to Proceed in July (at risk) while the funding agreement process is underway. The Green Project Reserve Fund provides is loan (principal) forgiveness to projects that address water or energy efficiency, mitigate storm water runoff, or encourage sustainable project planning, design, and construction. Four categories of green projects: green infrastructure, water efficiency, energy efficiency, and environmentally innovative activities. The SWRCB updated a report that reflects SFY 2020/21 CWSRF Comprehensive List and Fundable List, including a list of projects that are fundable in accordance with the SFY 2020/21 CWSRF IUP, as of February 1, 2021 & includes all projects for DAC/SDAC and all projects that scored a 13 or higher in the State Water Board's priority scoring process in the SFY 2020/21 CWSRF IUP. The report can be viewed on DFA's website: at https://www.waterboards.ca.gov/water_issues/programs/grants_loans/docs/appstatusweb.pdf	Eligible entities include: any city, town, district, or other public body created under state law, including state agencies; any designated and approved management agency under Section 208 of the Clean Water Act; a 501(c)(3).	No maximum funding limit, no maximum disbursement limit. Green Project Reserve funds are at the discretion of the program. • Interest rate is ½ of the most recent General Obligation Bond Rate at time of funding approval. • Financing term is up to 30 years or the useful life of the project. • Repayment begins 1 year after completion of construction. Applicant submits complete application package including general, financial, technical, and environmental packages. The Green Project Reserve Fund provides $2.5 million maximum per loan with $30 million available to provide CWSRF loan (principal) forgiveness to 'green' projects. **Appropriations for the CWSRF program as follows: $2.40 billion for FY2020; $2.75 billion for FY2023; $3.00 billion for FY2024; $3.25 billion for each of FY2025 and FY2026. Previously $1.6 billion for both FY2020 and FY2021.**	Applications accepted on a continuous basis; however, must be submitted by December 31st each year for consideration for the next year. Intended Use Plan (IUP) approved June 16, 2020. **Fundable list scoring/creation general timeline: Dec 31 - complete applications; Jan 31 - PMs to complete app scoring; Feb-April - DFA internal review; April/May - Draft Fundable List released; public comment period open; June - Fundable List to Board for adoption**	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/srf_forms.shtml	Contact the Division as early as possible to coordinate your financing with your project's schedule. Contact: CleanWaterSRF@waterboards.ca.gov, (916) 327-9978
Water Supply, Water Quality	**California State Water Resources Control Board - Drinking Water State Revolving Fund (DWSRF)** **UPDATED**	Provide low interest loans or grants to assist public water systems in achieving or maintaining compliance with the Safe Drinking Water Act (SDWA). Eligible projects include: Treatment systems, Distribution systems, Interconnections, Pipeline extensions, Water sources, Water meters, Water storage, Replace aging infrastructure, Planning studies, Consolidation of water systems.	Must be a public water system. Project must be needed to comply with the SDWA and/or water works standards. System must meet technical, managerial, and financial requirements Grants may be available to small disadvantaged water systems.	No limit or cap on loan funding. Check current IUP for grant eligibility and maximums. Loan: Interest rate is ½ the general obligation rate. Repayment term of either 20 or 30 years. The interest rate changes every January. Potential for extended 30-year terms and reduced interest rates, as low as zero percent, for public water systems serving a small disadvantaged community with financial hardship. **Appropriations for DWSRF capitalization grants are: $2.40 billion for FY2022, $2.75 billion for FY2023, $3.00 billion for FY2024, $3.25 billion for each of FY2025 and FY2026. Were $1.17 for FY2019, $1.30 billion for FY2020, and $1.95 billion for 2021.**	Applications accepted on a continuous basis. Intended Use Plan approved June 15, 2021	www.waterboards.ca.gov/drinking_water/services/funding/SRF.shtml	https://www.waterboards.ca.gov/drinking_water/services/funding/SRF.html
Water Supply, Water Quality (Groundwater)	**California State Water Resources Control Board - Groundwater Quality Funding Site Cleanup Subaccount Program (SCAP)**	Program provides non-competitive grants to remediate the harm or threat of harm to human health, safety, or the environment caused by existing or threatened human-made contamination, where the responsible party lacks financial resources. Eligible Projects include: Remediate the harm or threat of harm to human health, safety, and the environment from surface water or groundwater contamination, Human-made contaminants, A regulatory agency has issued a directive (unless this is infeasible), The responsible party lacks financial resources, Projects may include site characterization,	Business Nonprofit Public Agency Applicants must document financial need.	Total estimated funding available $19,500,000 Past grant amounts: $95,000 to $3,400,000. There are no funding request limits. There is no cost match required.	Continuous Pre-application process – no deadlines.	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/scap/	

Item 2a

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

WATER REVENUES

Date	From	Description	Amount
1/06/2022	City of La Habra	November 2021 Water deliveries	18,739.52
1/06/2022	Laguna Beach County Water District	November 2021 Water deliveries	306,869.63
1/06/2022	City of Westminster	November 2021 Water deliveries	15,667.87
1/10/2022	El Toro Water District	November 2021 Water deliveries	525,485.17
1/10/2022	City of Fountain Valley	November 2021 Water deliveries	9,884.77
1/10/2022	City of San Juan Capistrano	November 2021 Water deliveries	491,723.18
1/10/2022	Santa Margarita Water District	November 2021 Water deliveries	2,017,398.32
1/10/2022	South Coast Water District	November 2021 Water deliveries	444,491.43
1/12/2022	City of Garden Grove	November 2021 Water deliveries	186,594.77
1/12/2022	Trabuco Canyon Water District	November 2021 Water deliveries	174,825.66
1/13/2022	East Orange Co Water District	November 2021 Water deliveries	695,444.79
1/13/2022	City of Orange	November 2021 Water deliveries	1,335,356.98
1/13/2022	Yorba Linda Water District	November 2021 Water deliveries	1,740,721.22
1/14/2022	Golden State Water Company	November 2021 Water deliveries	555,750.46
1/14/2022	Irvine Ranch Water District	November 2021 Water deliveries	1,215,673.16
1/14/2022	Moulton Niguel Water District	November 2021 Water deliveries	2,047,635.82
1/14/2022	Orange County Water District	November 2021 Water deliveries	7,519,153.31
1/14/2022	City of Seal Beach	November 2021 Water deliveries	8,999.73
1/14/2022	Serrano Water District	November 2021 Water deliveries	7,553.65
1/21/2022	City of Huntington Beach	December 2021 Water deliveries	307,873.12
1/25/2022	City of Newport Beach	December 2021 Water deliveries	534,958.47
1/26/2022	City of Garden Grove	December 2021 Water deliveries	57,316.37
1/27/2022	City of La Habra	December 2021 Water deliveries	6,264.32
1/27/2022	City of Westminster	December 2021 Water deliveries	15,667.87
1/28/2022	City of Brea	December 2021 Water deliveries	13,456.22
1/28/2022	City of San Clemente	December 2021 Water deliveries	519,246.07
1/31/2022	Serrano Water District	December 2021 Water deliveries	7,553.65
		TOTAL WATER REVENUES	**$ 20,780,305.53**

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

MISCELLANEOUS REVENUES

Date	From	Description	Amount
1/12/2022	Paypal	12/2/2021 OCEMO Holiday luncheon	1,214.11
1/18/2022	Best, Best and Krieger	2/23/2022 Water Policy dinner	90.00
1/05/2022	Patricia Meszaros	January 2022 Retiree Health insurance	43.08
1/13/2022	Karl Seckel	January 2022 Retiree Health insurance	179.55
1/13/2022	Judy Pfister	Jan-Mar 2022 Retiree Health insurance	129.24
1/25/2022	Stan Sprague	February 2022 Retiree Health insurance	179.55
1/31/2022	Patricia Meszaros	February 2022 Retiree Health insurance	43.08
1/31/2022	Keith Lyon	February 2022 Retiree Health insurance	179.55
1/03/2022	US Bank Custodial Account	Westpac Banking Interest payment	2,500.00
1/18/2022	US Bank Custodial Account	Sallie Mae Bank and National Rural Utilities Coop Interest payment	1,424.90
1/07/2022	Igoe and Company Inc	Net refund for FSA	19.65
1/18/2022	Damon Micalizzi	Computer loan down payment	500.00
1/18/2022	Cal Chamber	Duplicate payment refund	849.00
1/19/2022	Health Equity	Account verification deposit	0.16
1/25/2022	US Bank Custodial Account	Capital One Bank and Discover Bank Interest payment	6,931.50
1/27/2022	Office Depot Inc	Refund for price adjusment on office supplies purchase	24.71
1/31/2022	US Bank	Monthly Interest	11.16
1/10/2022	Moulton Niguel Water District	November 2021 Smartimer rebate program	7,446.49
1/10/2022	El Toro Water District	November 2021 Rain Barrels rebate program	15.00
1/14/2022	Laguna Beach County Water District	November 2021 Rain Barrels rebate program	90.00
1/10/2022	City of La Habra	September 2021 Turf Removal rebate program	222.00
1/10/2022	City of Fountain Valley	November 2021 Turf Removal rebate program	111.00
1/18/2022	City of Orange	November 2021 Turf Removal rebate program	555.00
1/14/2022	Mesa Water District	October 2021 Turf Removal and Spray to Drip rebate program	555.00
1/14/2022	City of Tustin	November 2021 Turf Removal and Spray to Drip rebate program	333.00
1/14/2022	Mesa Water District	November 2021 Turf Removal and Spray to Drip rebate program	832.30
1/25/2022	City of Buena Park	November 2021 Turf Removal and Spray to Drip rebate program	324.45
1/21/2022	City of San Clemente	November 2021 Turf Removal, Spray to Drip and Rain Barrels rebate program	1,659.50
1/10/2022	Moulton Niguel Water District	October 2021 Smartimer, Rotating Nozzles and Turf Removal rebate program	5,092.44
1/10/2022	Moulton Niguel Water District	October 2021 So Cal Watersmart rebate program	4,200.00
1/10/2022	Moulton Niguel Water District	November 2021 So Cal Watersmart rebate program	3,200.00
1/14/2022	Metropolitan Water District	WEEA Sponsorship FY 2021-22	5,000.00

TOTAL MISCELLANEOUS REVENUES $ 46,075.47
TOTAL REVENUES $ 20,826,381.00

Robert J. Hunter, General Manager

Hilary Chumpitazi

Hilary Chumpitazi, Treasurer

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

Item 2b

Vendor/ Invoice	Description	Amount to Pay
Core Disbursements:		
ABSG Consulting Inc		
5107836	December 2021 Owner's Representative for MWDOC office remodel	8,595.00
Total		**8,595.00**
Richard C Ackerman		
1324	January 2022 Legal Consulting on Water Issues	3,350.00
Total		**3,350.00**
Aleshire & Wynder LLP		
65873	11/19/21-12/31/21 Legal Services	1,282.50
Total		**1,282.50**
Best Best and Krieger LLP		
55401-DEC21	December 2021 Legal Services	5,366.60
924766	December 2021 Services for State legislative advocacy	8,000.00
Total		**13,366.60**
CDM Smith		
90143951	11/28/21-1/29/22 Services for water resource planning	7,432.50
Total		**7,432.50**
CSU Fullerton ASC		
AR171623	January-March, 2022 Center for Demographic Research support	13,797.33
Total		**13,797.33**
EEI Systems-Kendal Stechauner		
15601	Final payment for hand held microphone in conference room 101 for MWDOC Office Remodel	761.25
Total		**761.25**
GovConnection Inc		
72310330	Acrobat Pro DC license for new staff	136.00
72401821	Windows Desktop Management software	1,575.52
Total		**1,711.52**
Green's Security Centers Inc		
91247	Install lock on privacy room for MWDOC office remodel	357.52
Total		**357.52**

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

Vendor/ Invoice	Description	Amount to Pay
Hashtag Pinpoint Corporation		
1521	January 2022 Social Media consultation & service	7,913.00
Total		**7,913.00**
IDS Group Inc		
18X093.0-17	December 2021 Seismic retrofit design and project support MWDOC office remodel	100.49
Total		**100.49**
Jill Promotions		
11292	Beverage Travel Mugs for MWDOC staff	994.56
Total		**994.56**
Markham Designs LLC		
1	Update four Board member nameplates	150.08
Total		**150.08**
Means Consulting-Edward G Means III		
MWDOC-1305	January 2022 East Orange County Feeder #2 Emergency Pilot Project consulting services	1,375.00
Total		**1,375.00**
Mega Maids Cleaning Service		
12268	January 2022 Cleaning services for COVID-19 prevention	800.00
Total		**800.00**
Metropolitan West Inc		
9374	Final payment on door logo and film for conference room 101 and privacy room	849.60
Total		**849.60**
Natural Resource Results LLC		
3740	January 2022 Federal legislative advocacy services	8,000.00
Total		**8,000.00**
NDS		
792688	10/29/21 Board packet delivery service	278.86
795290	1/7/22 Board packet delivery service	303.52
796359	1/14/22 Board packet delivery service	231.81
796443	1/28/22 Board packet delivery service	186.50
Total		**1,000.69**

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

Vendor/ Invoice	Description	Amount to Pay
Office Depot Inc		
216372363001	1/17/22 Office supplies	356.08
216522569001	1/17/22 Office supplies	14.89
218775065001	1/14/22 Office supplies	272.52
218775065002	1/18/22 Office supplies	27.18
218796168001	1/17/22 Office supplies	29.78
221264657001	1/17/22 Office supplies	7.11
221264657002	1/20/22 Office supplies	49.92
222764803001	Credit for returned office supplies-Invoice 216372363001	(165.71)
222964799001	Credit for returned office supplies-Invoice 216372363001	(83.03)
223331857001	Credit for returned office supplies-Invoice 216522569001	(14.89)
224722838001	1/31/22 Office supplies	5.75
224723437001	1/31/22 Office supplies	90.87
Total		**590.47**
Office Solutions		
I-01964804	Six cartons of copy paper	269.09
Total		**269.09**
Orange County Water District		
23924	December 2021 Postage, shared office and maintenance expense	21,605.48
Total		**21,605.48**
Outdoor Dimensions LLC		
513291	Additional Indoor Office Signage for MWDOC office remodel	97.88
Total		**97.88**
Paul Redvers Brown Inc		
DOC005	January 2022 MWDOC Facilitated Member Agency Discussions Project services	10,947.50
Total		**10,947.50**
Judy Pfister		
123121	October-December, 2021 Retiree medical premium	445.50
Total		**445.50**
Sonoma County Water Agency		
904	QWEL Annual Program Fee for Calendar Year 2021	1,000.00
Total		**1,000.00**
Soto Resources-Joey C Soto		
GA-JAN-53	January 2022 Grant Research and Acquisition services	3,250.00
Total		**3,250.00**

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

Vendor/ Invoice	Description	Amount to Pay
Spiral Holding LLC		
867	Annual maintenance contract renewal for binding machine	820.00
Total		**820.00**
Tevora Business Solutions Inc		
SIN003757	50% Initial payment for Critical security controls review	18,500.00
Total		**18,500.00**
Water District Jobs-Stephen Hirano		
1232201	Water Loss Control Shared Services Technician and Intern job postings	290.00
Total		**290.00**
Water Systems Optimization Inc		
2149	December 2021 Technical Assistance Program services for Water Loss Control	640.00
2150	December 2021 Services for Water Loss Control Shared Services template development	920.00
2159	January 2022 Technical Assistance Program services for Water Loss Control	27,340.00
Total		**28,900.00**
Total Core Expenditures		**158,553.56**

Choice Expenditures:

Vendor/ Invoice	Description	Amount to Pay
Building Block Entertainment Inc		
3472-5	January 2022 Choice Elementary School Program K-2	6,700.00
Total		**6,700.00**
Jill Promotions		
11302	Water Loss Control Shared Services uniform shirts for new staff	232.91
Total		**232.91**
Mission RCD		
3134	January 2022 Field inspection and verification for Water Use Efficiency rebate programs	5,105.94
Total		**5,105.94**
Orange County Dept of Education		
94RI2777	December 2021 Choice School Programs for 3-5 grades	5,231.98
Total		**5,231.98**
Utility Services Associates LLC		
126448	November-December 2021 Leak Detection services	15,147.36
Total		**15,147.36**
Total Choice Expenditures		**32,418.19**

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

Vendor/ Invoice	Description	Amount to Pay
Other Funds Expenditures:		
Herndon Solutions Group LLC		
INV-0000002410	December 2021 Services to assist with America's Water Infrastructure Act compliance	20,565.25
Total		**20,565.25**
Large Plumbing		
25828	December 2021 Services for Pressure Regulating Valve program	1,295.00
Total		**1,295.00**
Mission RCD		
3134	January 2022 Field inspection and verification for Water Use Efficiency rebate programs	6,552.74
Total		**6,552.74**
County of Orange		
SC13300	1/1/22-3/31/22 WEROC Radio System operations and maintenance costs	312.00
Total		**312.00**
The Plant Nerd, Inc		
6999	January 2022 Landscape Design and Maintenance Assistance programs	20,900.00
Total		**20,900.00**
Utility Services Associates LLC		
126448	November-December 2021 Leak Detection services	17,885.44
Total		**17,885.44**
Water Systems Optimization Inc		
2149	December 2021 Technical Assistance Program services for Water Loss Control	14,940.00
Total		**14,940.00**
Total Other Funds Expenditures		**82,450.43**
Total Expenditures		**273,422.18**

Item 2c

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

Name/ Date	Check/ EFT	Invoice	Description	Amount
Core Disbursements:				
Tiffany Baca				
1/14/2022	EFT	113021	October-November 2021 Business expense	374.77
Total				**374.77**
Corodata Records Management Inc				
1/31/2022	EFT	RS4762364	December 2021 Records Storage fees	52.50
Total				**52.50**
Rachel Davis				
1/31/2022	EFT	121321	December 2021 Business expense	85.80
Total				**85.80**
Lina Gunawan				
1/31/2022	EFT	101921	October 2021 Business expense	20.00
1/31/2022	EFT	111921	November 2021 Business expense	20.00
1/31/2022	EFT	121921	December 2021 Business expense	20.00
Total				**60.00**
Melissa Haley				
1/31/2022	EFT	121621	December 2021 Business expense	200.35
Total				**200.35**
Robert Hunter				
1/31/2022	EFT	121621	December 2021 Business expense	808.37
Total				**808.37**
Igoe				
1/27/2022	EFT	254132	Annual Flexible Benefit Plan administrative fee	600.00
Total				**600.00**
Al Nederhood				
1/31/2022	EFT	121621	December 2021 Business expense	257.56
Total				**257.56**
Patrick Dinh				
1/14/2022	EFT	100039253	Reimburse Empower overpayment	216.99
Total				**216.99**
Ricoh USA Inc				
1/31/2022	EFT	5063514648	9/29/21-12/28/21 Ricoh copier Maintenance	30.67
Total				**30.67**

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

Name/ Date	Check/ EFT	Invoice	Description	Amount
Karl Seckel				
1/31/2022	EFT	120221	December 2021 Business expense	83.76
Total				**83.76**
Spectrum Business				
1/27/2022	140662	343564011022	January 2022 Telephone expense for 1 analog fax line	39.99
1/05/2022	140645	375210123021	January 2022 Telephone and internet expense	1,426.82
Total				**1,466.81**
US Bank				
1/31/2022	140719	0208/4192/4279-DEC21	11/23/21-12/22/21 Cal Card Charges	21,984.51
Total				**21,984.51**
Verizon Wireless				
1/12/2022	140646	9895776803	December 2021 4G Mobile broadband unlimited service	114.03
Total				**114.03**
Total Core Disbursements				**26,336.12**

Choice Disbursements:

Name/ Date	Check/ EFT	Invoice	Description	Amount
Rachel Davis				
1/31/2022	EFT	121321	December 2021 Business expense	70.32
Total				**70.32**
US Bank				
1/31/2022	140719	4279-DEC21	11/23/21-12/22/21 Cal Card Charges	1,325.63
Total				**1,325.63**
US Bank Voyager Fleet Systems				
1/14/2022	EFT	8694349932152	11/25/21-12/24/21 Fuel for Water Loss Control Shared Services vehicles	308.44
1/31/2022	EFT	8694349932205	12/25/21-1/24/22 Fuel for Water Loss Control Shared Services vehicles	255.99
Total				**564.43**
Total Choice Disbursements				**1,960.38**

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

Name/ Date	Check/ EFT	Invoice	Description	Amount
Other Funds Disbursements:				
AT&T				
1/14/2022	140649	17531624	December 2021 Telephone expense for WEROC N. & S. EOC	433.95
Total				**433.95**
Mesa Water District				
1/14/2022	EFT	10682	November 2021 Credit for Local Resources program	14,240.00
Total				**14,240.00**
Metropolitan Water District				
1/31/2022	EFT013122	10621	November 2021 Water deliveries	21,115,005.22
Total				**21,115,005.22**
Santa Margarita Water District				
1/31/2022	EFT	111521	November 2021 SCP Pipeline Operation Surcharge	25,874.62
Total				**25,874.62**
Santiago Aqueduct Commission				
1/31/2022	140717	111521	November 2021 SAC Pipeline Operation Surcharge	2,731.52
Total				**2,731.52**
Spray to Drip Rebate				
1/28/2022	140668	S2D3-C-SOCO-39576-17620	Cape Cove HOA Powerstone Mgmt Co (Dana Point)	10,271.00
1/28/2022	140694	S2D4-C-SOCO-42533-18089	Niguel Beach Terrace (Dana Point)	22,500.00
1/28/2022	140691	S2D4-R-IRWD-41199-17806	P. Maimone	1,945.30
1/28/2022	140670	S2D4-R-O-42592-18116	J. Ceballos	626.50
1/28/2022	140698	S2D4-R-SC-41617-18008	J. Rooks	180.00
1/28/2022	140683	S2D5-C-IRWD-12274-18177	Irvine Company (Irvine)	2,025.00
1/28/2022	140708	S2D5-C-TUST-41575-18161	Walnut Park Community Association (Tustin)	2,652.50
1/28/2022	140665	S2D5-R-BREA-37395-18354	J. Bogle-Hwang	474.50
1/28/2022	140672	S2D5-R-IRWD-42970-18167	Y. Choy	247.10
1/28/2022	140680	S2D5-R-LB-44290-18227	C. Hockenberry	656.00
1/28/2022	140676	S2D5-R-SC-44570-18271	R. Frank	1,028.00
Total				**42,605.90**

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

Name/ Date	Check/ EFT	Invoice	Description	Amount
Turf Rebate				
1/28/2022	140669	TR13-C-SOCO-39576-38418	Cape Cove HOA Powerstone Mgmt Co (Dana Point)	61,626.00
1/28/2022	140707	TR14-R-ETWD-42470-41225	J. Vora	2,430.00
1/28/2022	140692	TR14-R-IRWD-41199-39998	P. Maimone	5,558.00
1/28/2022	140693	TR14-R-IRWD-42458-41165	T. Nguyen	599.99
1/28/2022	140702	TR14-R-MESA-41804-40546	A. Sanders	711.18
1/28/2022	140690	TR14-R-MNT-41952-40702	R. Lutzky	2,940.00
1/28/2022	140663	TR14-R-MNT-42241-40971	N. Ansari	640.00
1/28/2022	140697	TR14-R-O-41707-40464	M. Reza	3,000.00
1/28/2022	140682	TR14-R-O-42316-41043	M. Humenik	9,392.00
1/28/2022	140671	TR14-R-O-42592-41284	J. Ceballos	1,882.00
1/28/2022	140699	TR14-R-SC-41617-40390	J. Rooks	1,180.00
1/28/2022	140675	TR14-R-SM-41625-40396	D. Flores	1,582.00
1/28/2022	140689	TR14-R-WEST-41648-40414	T. Leonard	4,538.78
1/28/2022	140695	TR15-C-IRWD-4463-42810	Northwood Glen (Irvine)	12,419.34
1/28/2022	140688	TR15-C-MNT-4463-42806	Laguna Sur Community (Laguna Niguel)	141,629.54
1/28/2022	140706	TR15-C-NWPT-4463-42967	Villa Balboa Community Association (Newport Beach)	10,144.55
1/28/2022	140664	TR15-C-NWPT-4463-42968	Big Canyon Community Association (Newport Beach)	88,311.00
1/28/2022	140667	TR15-C-NWPT-4463-43165	Canyon Mesa Comm. Association (Newport Beach)	18,612.00
1/28/2022	140709	TR15-C-TUST-42916-41575	Walnut Park Community Association (Tustin)	17,094.00
1/28/2022	140666	TR15-R-BREA-37395-44483	J. Bogle-Hwang	4,410.00
1/28/2022	140687	TR15-R-BREA-43055-41709	E. Kim	2,091.00
1/28/2022	140684	TR15-R-FV-44192-42824	A. Jessup	1,326.00
1/28/2022	140703	TR15-R-IRWD-42713-41388	Z. Shaik	2,236.00
1/28/2022	140679	TR15-R-IRWD-44404-43053	A. Heckman	1,724.00
1/28/2022	140678	TR15-R-IRWD-45882-44516	J. Gu	1,279.83
1/28/2022	140681	TR15-R-LB-44290-42927	C. Hockenberry	2,350.00
1/28/2022	140705	TR15-R-MNT-42784-43153	S. Vickery	1,220.00
1/28/2022	140673	TR15-R-MNT-42826-41496	J. Dean	1,528.00
1/28/2022	140685	TR15-R-MNT-42908-41567	A. Jeung	6,724.00
1/28/2022	140700	TR15-R-MNT-44134-42781	J. Rosenthal	7,196.00
1/28/2022	140701	TR15-R-MNT-44452-43118	F. Sadeghi	2,653.52
1/28/2022	140674	TR15-R-O-44499-43151	J. Diaz	6,684.00
1/28/2022	140677	TR15-R-SC-44570-43219	R. Frank	2,274.00
1/28/2022	140704	TR15-R-SM-45864-44499	K. Trinh	726.00
1/28/2022	140686	TR15-R-TUST-44311-42949	S. Kasparian	3,894.00
1/28/2022	140696	TR15-R-WEST-42160-40902	V. Pettengill	1,720.00
*****Total*****				**434,326.73**

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

Name/ Date	Check/ EFT	Invoice	Description	Amount
US Bank				
1/31/2022	140719	6066-DEC21	11/23/21-12/22/21 Cal Card Charges - WEROC	2,259.23
Total				**2,259.23**
Verizon Wireless				
1/12/2022	140646	9895776803	December 2021 4G Mobile broadband unlimited service	76.02
Total				**76.02**
Total Other Funds Disbursements				**21,637,553.19**
Total Disbursements				**21,665,849.69**

Robert J. Hunter, General Manager

Hilary Chumpitazi

Hilary Chumpitazi, Treasurer

Cal Card Charges
Statement Date: December 22, 2021
Payment Date: January 31, 2022

R. Hunter Card:

Date	Description	Amount
11/29/2021	R. Hunter business dinner meeting	76.66 [1]
12/16/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 14-16, 2021 - Accommodations, parking, and transportation for R. Hunter	350.74
12/17/2021	Staff Holiday luncheon	2,830.68
Total:		**3,258.08**

C. Harris Card:

Date	Description	Amount
11/15/2021	ACT! Annual support renewal for FY21-22	2,660.00
11/18/2021	North American Water Loss Conference 2021 in Austin, TX from December 7-9, 2021 - Registration for R. Davis	425.00
11/18/2021	FedEx delivery charge on November 18, 2021	39.87
11/19/2021	Computer accessories for staff	440.50
11/22/2021	Uniform for Water Loss Control Shared Services new intern	207.43
11/22/2021	Service to modify FORTECH Web App for browser compatibility	633.00
11/23/2021	Uniform for Water Loss Control Shared Services new intern	135.94
11/23/2021	Sympathy flowers for staff member	69.58
11/24/2021	10/25/21-11/24/21 Web hosting service for MWDOC website	15.67
11/24/2021	FedEx delivery charge on November 24, 2021	27.04
11/29/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 14-16, 2021 - Airfare for H. Baez	385.96
11/29/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 14-16, 2021 - Airfare for M. Baum-Haley	385.96
11/30/2021	Office supplies	240.38
12/01/2021	Staff baby shower luncheon	380.89
12/01/2021	Sympathy flowers for staff member	85.81
12/02/2021	ACWA Fall Conference in Pasadena, CA from 11/30/21-12/2/21 - Accommodations for H. De La Torre	767.93 [2]
12/02/2021	ACWA Fall Conference in Pasadena, CA from 11/30/21-12/2/21 - Accommodations for H.	746.76 [3]
12/02/2021	ACWA Fall Conference in Pasadena, CA from 11/30/21-12/2/21 - Accommodations for M. Baum-Haley	481.52
12/07/2021	Desk nameplates for six new staff members	94.73
12/08/2021	Price adjustment on five laptops for staff	(217.50)
12/08/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 14-16, 2021 - Airfare for R. Hunter	273.95
12/09/2021	Docking stations and HDMI cables for staff	741.85
12/09/2021	Refund for defective docking station	(217.49)
12/09/2021	Uniform for new Water Loss Control Shared Services Technician	132.87
12/09/2021	Uniform for new Water Loss Control Shared Services Technician	140.28
12/09/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 14-16, 2021 - Airfare for Director Nederhood	273.95
12/10/2021	Docking station for Principal Water Resources Analyst	332.75
12/10/2021	Uniform for new Water Loss Control Shared Services Technician	76.11
12/10/2021	Replacement computer monitor for Principal Water Resources Analyst	200.74
12/10/2021	North American Water Loss Conference 2021 in Austin, TX from December 7-9, 2021 - Accommodations for J. Berg	684.11

Cal Card Charges
Statement Date: December 22, 2021
Payment Date: January 31, 2022

Date	Description	Amount
C. Harris Card continued:		
12/10/2021	North American Water Loss Conference 2021 in Austin, TX from December 7-9, 2021 - Accommodations for R. Davis	668.04
12/10/2021	CalChamber annual membership renewal	849.00
12/13/2021	Sub Zero annual maintenance	179.00
12/13/2021	December 2021 Prework Screen subscription for Covid-19 Prevention	175.56
12/14/2021	OC Chapter-California Landscape Contractors Association annual membership renewal	1,625.00
12/15/2021	Eight windows rescreened at MWDOC office	412.00
12/16/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 13-16, 2021 - Accommodations and meals for Director Thomas	725.64 [4]
12/16/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 14-16, 2021 - Accommodations for Director Nederhood	229.02
12/16/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 13-16, 2021 - Accommodations and meal for H. Baez	521.91
12/16/2021	Colorado River Water Users Association conference in Las Vegas, NV from December 13-16, 2021 - Accommodations for M. Baum-Haley	421.76
Total:		**16,452.52**
Public Affairs Card:		
11/30/2021	12/1/21 Staff baby shower supplies	60.76
11/30/2021	Key duplication	9.77
12/02/2021	12/2/21-1/1/22 Zoom Video Communications monthly fee with audio licenses	174.93
12/03/2021	December 2021 Public Storage Unit for Public Affairs	360.00
12/09/2021	California Association of Public Information Officials webinar on December 16, 2021 - Registration for T. Baca	20.00
12/15/2021	CAPIO Annual membership renewal for T. Baca	275.00
12/16/2021	Team building lunch	76.28
12/16/2021	Maven's Notebook annual sponsorship renewal	2,622.80
Total:		**3,599.54**
WEROC Card:		
11/22/2021	Office supplies for N. EOC	45.70
11/23/2021	Office supplies for N. EOC	31.30
11/23/2021	Maintenance supplies for N. EOC	42.88
11/23/2021	Maintenance supplies for N. EOC	31.29
11/23/2021	Office supply for WEROC N. EOC	14.12
11/24/2021	Standard pallet jack	497.62
12/02/2021	Annual OCEMO Meeting and Awards Luncheon	1,458.07
12/09/2021	Cleaning supplies and stock rotation for N. EOC	138.25
Total:		**2,259.23**

[1] R. Hunter reimbursed MWDOC $24.28
[2] Price adjusment received 1/24/22 for $217.29
[3] Price adjusment received 1/24/22 for $227.24
[4] Director Thomas to reimburse MWDOC $17.34

Item 2d

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

Name/ Date	Check/ EFT	Invoice	Description	Amount
Core Disbursements:				
Orange County Business Council				
1/31/2022	140715	0010791-IN	2022 Annual membership renewal	5,000.00
Total				**5,000.00**
County of Orange				
1/20/2022	EFT	PW220304	FY21-22 Coop agreement South OC Watershed Management	3,374.85
Total				**3,374.85**
Total Core Disbursements				**8,374.85**
Choice Disbursements:				
Total Choice Disbursements				-
Other Funds Disbursements:				
Total Other Funds Disbursements				-
Total Disbursements				**8,374.85**

Robert J. Hunter, General Manager

Hilary Chumpitazi

Hilary Chumpitazi, 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.

Item 2e

MWDOC

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

Municipal Water District of Orange County
Consolidated Summary of Cash and Investment

December 31, 2021

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	21.03%
Grant & Project Cash Flow	1,500,000	8.44%
Election Expense	461,678	2.60%
Building Repair	436,542	2.46%
OPEB	297,147	1.67%
Total Designated Reserves	6,433,872	36.20%
General Fund	$7,631,726	42.91%
Water Fund	2,905,571	16.34%
Conservation Fund	(501,126)	(2.82%)
WEROC Fund	1,291,769	7.26%
Trustee Activities	18,989	0.11%
Total	**$17,780,801**	**100.00%**

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	2.78%	$493,558	$493,558
Short-term investment			
• LAIF	17.83%	3,170,442	3,170,442
• OCIP	61.96%	11,016,698	11,016,698
Long-term investment			
• US Government Issues	1.41%	249,898	246,845
• Corporate Bond	7.87%	1,400,205	1,365,275
• Certificates of Deposit	8.15%	1,450,000	1,491,930
Total	**100.00%**	**$17,780,801**	**$17,784,748**

The average number of days to maturity/call as of December 31, 2021 equaled 109 and the average yield to maturity is 0.579%. During the month, the District's average daily balance was $27,568,521.31. 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 December 2021.

The $3,947 difference between the book value and the market value on December 31, 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
Hilary Chumpitazi
Treasurer

MWDOC

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Portfolio Management - Portfolio Summary

December 31, 2021

12/31/2021	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Negotiable Certificate Of Deposit	1,450,000.00	1,491,930.00	1,450,000.00	8.39	799	2.440
Corporate Bond	1,400,000.00	1,365,275.50	1,400,204.97	8.10	502	1.341
US Government Issues	250,000.00	246,845.00	249,898.41	1.45	57	0.860
Local Agency Investment Funds	3,170,441.65	3,170,441.65	3,170,441.65	18.34	1	0.206
Orange County Investment Pool	11,016,697.83	11,016,697.83	11,016,697.83	63.72	1	0.338
Total Investments	**17,287,139.48**	**17,291,189.98**	**17,287,242.86**	**100.00**	**109**	**0.579**
Cash						
Cash	493,557.77	493,557.77	493,557.77		1	0.00
Total Cash and Investments	**17,780,697.25**	**17,784,747.75**	**17,780,800.63**		**109**	**0.579**

Total Earnings	Month Ending December	Fiscal Year to Date
Current Year	**11,144.22**	**69,523.42**
Average Daily Balance	**27,568,521.31**	
Effective Rate of Return	**0.579%**	

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

Hilary Chumpitazi — 02/03/2022

Hilary Chumpitazi, Treasurer — Date

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Long-Term Portfolio Details - Investments
December 31, 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	253,595.00	250,000.00	2.250	2.250	270	9/27/2022
Capital One Bank	14042TBQ9	8/7/2019	250,000.00	259,327.50	250,000.00	2.250	2.250	950	8/7/2024
Capital One NA	14042RMJ7	7/24/2019	250,000.00	258,935.00	250,000.00	2.200	2.200	936	7/24/2024
Discover Bank	254673RV0	7/25/2018	250,000.00	260,840.00	250,000.00	3.300	3.300	571	7/25/2023
Goldman Sachs Bank	38148PT98	8/8/2018	250,000.00	261,262.50	250,000.00	3.350	3.350	585	8/8/2023
Sallie Mae Bank	7954507A7	7/14/2021	200,000.00	197,970.00	200,000.00	1.000	1.000	1,656	7/14/2026
Sub Total			**1,450,000.00**	**1,491,930.00**	**1,450,000.00**	**2.440**	**2.440**	**799**	
US Government Issues									
FHLB	3130ALGR9	3/1/2021	250,000.00	246,845.00	249,898.41	0.850	0.860	57	2/26/2026
Sub Total			**250,000.00**	**246,845.00**	**249,898.41**	**0.850**	**0.860**	**57**	
Corporate Bond									
Bank of America Corp	06048WK41	12/7/2020	250,000.00	239,275.00	250,000.00	0.650	0.800	1,425	11/25/2025
Citigroup Global Markets	17328WFZ6	9/16/2020	250,000.00	241,742.50	250,000.00	1.000	1.000	75	9/16/2025
JP Morgan Chase	48128GV56	8/18/2020	250,000.00	240,487.50	250,000.00	0.800	0.800	961	8/18/2025
National Rural Util Coop	63743FE51	7/27/2017	200,000.00	200,784.00	200,000.00	2.500	2.500	196	7/15/2022
Societe Generale	83369MD25	8/19/2020	250,000.00	240,912.50	250,000.00	1.000	1.088	50	8/19/2025
Westpac Banking Corp	961214DQ3	7/25/2017	200,000.00	202,074.00	200,204.97	2.500	2.278	179	6/28/2022
Sub Total			**1,400,000.00**	**1,365,275.50**	**1,400,204.97**	**1.330**	**1.341**	**502**	
Total Investments			**3,100,000.00**	**3,104,050.50**	**3,100,103.38**	**1.810**	**1.816**	**605**	

Total Earnings	Month Ending December	Fiscal Year To Date
Current Year	4,757.85	28,165.92

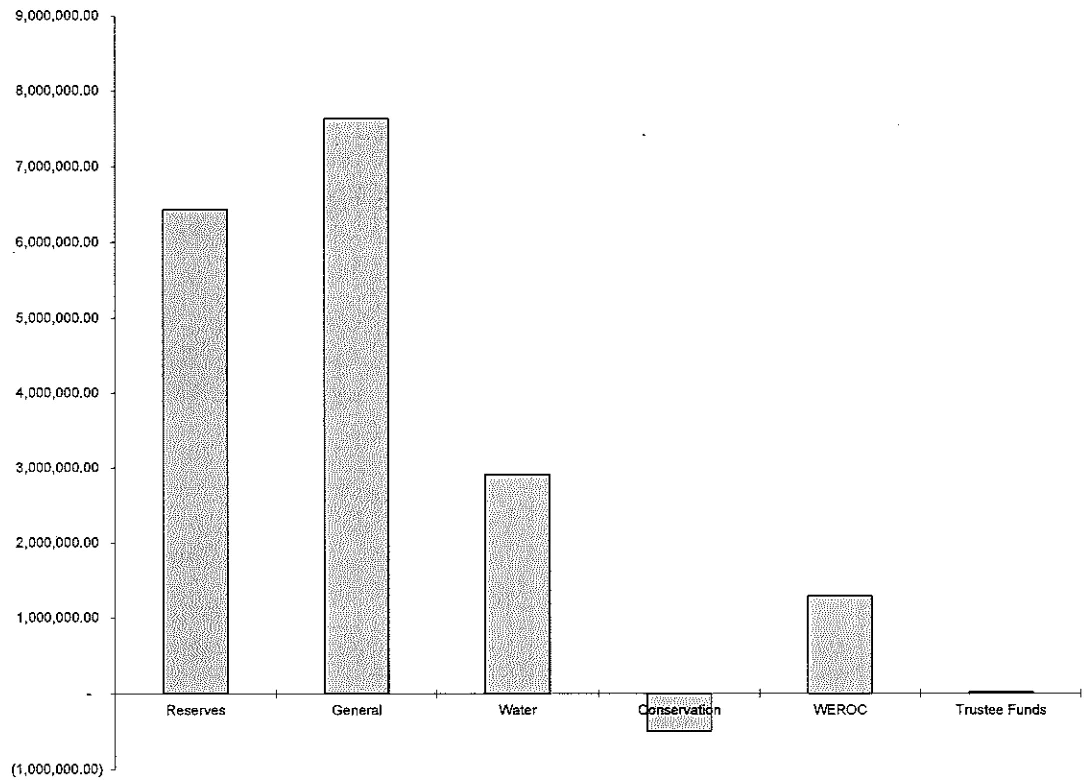
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Short-Term Portfolio Details - Cash and Investments
December 31, 2021

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	3,170,441.65	3,170,441.65	3,170,441.65	0.206	0.206	1	N/A
Sub Total			**3,170,441.65**	**3,170,441.65**	**3,170,441.65**	**0.206**	**0.206**	**1**	
Orange County Investment Pool									
County of Orange LGIP	OCIP	6/29/2005	11,016,697.83	11,016,697.83	11,016,697.83	0.338	0.338	1	N/A
Sub Total			**11,016,697.83**	**11,016,697.83**	**11,016,697.83**	**0.338**	**0.338**	**1**	
Total Investments			**14,187,139.48**	**14,187,139.48**	**14,187,139.48**	**0.309**	**0.309**		
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	493,057.77	493,057.77	493,057.77	0.000	0.000	1	N/A
Total Cash			**493,557.77**	**493,557.77**	**493,557.77**	**0.000**	**0.000**	**1**	
Total Cash and Investments			**14,680,697.25**	**14,680,697.25**	**14,680,697.25**	**0.309**	**0.309**	**1**	

Total Earnings	**Month Ending December**	**Fiscal Year To Date**
Current Year	6,386.37	41,357.50

Municipal Water District of Orange County
Cash and Investments at December 31, 2021

ALLOCATION	AMOUNT	%
MWDOC		
Designated Reserves		
General	$ 3,738,505	21.03%
Grant & Project Cash Flow	1,500,000	8.44%
Election Expense	461,678	2.60%
Building Repair	436,542	2.46%
OPEB	297,147	1.67%
Total Designated Reserves	6,433,872	36.20%
General	7,631,726	42.91%
Water	2,905,571	16.34%
Conservation	(501,126)	-2.82%
WEROC	1,291,769	7.26%
TOTAL MWDOC	$ 17,761,812	99.89%
TRUSTEE ACTIVITIES		
AMP Sales Admin	$ 18,989	0.11%
TOTAL TRUSTEE ACTIVITIES	$ 18,989	0.11%
TOTAL CASH & INVESTMENTS	**$ 17,780,801**	**100.00%**



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PUBLIC AGENCY RETIREMENT SERVICES | PARS

MUNICIPAL WATER DIST OF ORANGE COUNTY
PARS Post-Employment Benefits Trust

Account Report for the Period
12/1/2021 to 12/31/2021

Rob Hunter
General Manager
Municipal Water Dist of Orange County
18700 Ward Street
Fountain Valley, CA 92708

Account Summary

Source	Balance as of 12/1/2021	Contributions	Earnings	Expenses	Distributions	Transfers	Balance as of 12/31/2021
OPEB	$2,776,287.51	$0.00	$54,062.04	$1,390.84	$0.00	$0.00	$2,828,958.71
PENSION	$977,052.74	$0.00	$19,025.94	$489.48	$0.00	$0.00	$995,589.20
Totals	**$3,753,340.25**	**$0.00**	**$73,087.98**	**$1,880.32**	**$0.00**	**$0.00**	**$3,824,547.91**

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

				Annualized Return			
Source	**1-Month**	**3-Months**	**1-Year**	**3-Years**	**5-Years**	**10-Years**	**Plan's Inception Date**
OPEB	1.95%	3.16%	9.34%	13.14%	9.53%	8.44%	10/26/2011
PENSION	1.95%	3.16%	9.30%	13.11%	-	-	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

NET PERFORMANCE FEE ANALYSIS

As of December 31, 2021

Over 1 Year

PARS/HIGHMARK	
Moderate (50% Fixed Income/Cash)	9.31%
minus weighted PARS administration fee	(-) 0.25%
minus weighted HighMark investment management fee	(-) 0.35%
1-Year Net Return	**8.71%**

CALPERS CERBT	
Strategy 2 (48% Fixed Income/Cash)	10.13%
minus fees	(-) 0.10%
1-Year Net Return	**10.04%**

Over 3 Years

PARS/HIGHMARK	
Moderate (50% Fixed Income/Cash)	13.26%
minus weighted PARS administration fee	(-) 0.25%
minus weighted HighMark investment management fee	(-) 0.35%
3-Year Net Return	**12.66%**

CALPERS CERBT	
Strategy 2 (48% Fixed Income/Cash)	13.79%
minus fees	(-) 0.10%
3-Year Net Return	**13.69%**

Over 5 Years

PARS/HIGHMARK	
Moderate (50% Fixed Income/Cash)	9.56%
minus weighted PARS administration fee	(-) 0.25%
minus weighted HighMark investment management fee	(-) 0.35%
5-Year Net Return	**8.96%**

CALPERS CERBT	
Strategy 2 (48% Fixed Income/Cash)	9.63%
minus fees	(-) 0.10%
5-Year Net Return	**9.54%**

** Subject to change due to rebalancing; fees are based on assets under $5 million.*
Past performance does not guarantee future results.

Item 3a

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

COMBINED FINANCIAL STATEMENTS

AND

BUDGET COMPARATIVE

JULY 1, 2021 THRU DECEMBER 31, 2021

Municipal Water District of Orange County
Combined Balance Sheet
As of December 31, 2021

	Amount
ASSETS	
Cash in Bank	493,557.77
Investments	17,287,242.86
Accounts Receivable	31,915,288.25
Accounts Receivable - Other	77,518.72
Accrued Interest Receivable	42,745.02
Prepaids/Deposits	417,122.28
Leasehold Improvements	6,059,805.67
Furniture, Fixtures & Equipment	780,261.60
Less: Accumulated Depreciation	(3,515,660.23)
TOTAL ASSETS	**53,557,881.94**
LIABILITIES AND FUND BALANCES	
LIABILITIES	
Accounts Payable	32,527,032.69
Accounts Payable - Other	64.82
Accrued Salaries and Benefits Payable	589,930.76
Other Liabilities	2,309,644.65
Unearned Revenue	443,410.26
TOTAL LIABILITIES	**35,870,083.18**
FUND BALANCES	
Restricted Fund Balances	
Water Fund - T2C	1,035,035.88
Total Restricted Fund Balances	1,035,035.88
Unrestricted Fund Balances	
Designated Reserves	
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	297,147.00
Total Designated Reserves	6,433,872.00
General Fund	5,028,867.71
General Fund Capital	373,228.00
WEROC Capital	159,687.58
WEROC	246,196.60
Total Unrestricted Fund Balances	12,241,851.89
Excess Revenue over Expenditure	
Operating Fund	4,378,973.36
Other Funds	31,937.63
TOTAL FUND BALANCES	**17,687,798.76**
TOTAL LIABILITIES AND FUND BALANCES	**53,557,881.94**

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

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
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	11,032.95	68,891.51	220,000.00	31.31%	0.00	151,108.49
Subtotal	**11,032.95**	**8,761,508.51**	**8,912,617.00**	**98.30%**	**0.00**	**151,108.49**
Choice Programs	0.00	1,238,181.23	1,515,775.00	81.69%	0.00	277,593.77
Miscellaneous Income	498.36	2,409.64	3,000.00	80.32%	0.00	590.36
Revenue - Other	0.00	1,360.00	0.00	0.00%	0.00	(1,360.00)
School Contracts	2,487.18	11,205.86	120,895.00	9.27%	0.00	109,689.14
Transfer-In from Reserve	0.00	0.00	95,745.00	0.00%	0.00	95,745.00
Subtotal	**2,985.54**	**1,253,156.73**	**1,735,415.00**	**72.21%**	**0.00**	**482,258.27**
TOTAL REVENUES	**14,018.49**	**10,014,665.24**	**10,648,032.00**	**94.05%**	**0.00**	**633,366.76**

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

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
EXPENSES						
Salaries & Wages	382,560.88	2,127,678.73	4,178,542.00	50.92%	0.00	2,050,863.27
Salaries & Wages - Grant Recovery	(7,702.75)	(14,007.19)	(18,665.00)	(75.05)%	0.00	(4,657.81)
Director's Compensation	18,336.08	128,679.99	288,800.00	44.56%	0.00	160,120.01
MWD Representation	10,150.33	69,087.73	165,029.00	41.86%	0.00	95,941.27
Employee Benefits	97,615.30	650,970.74	1,356,730.00	47.98%	0.00	705,759.26
Employee Benefits - Grant Recovery	(1,971.58)	(3,540.86)	0.00	0.00%	0.00	3,540.86
CalPers Unfunded Liability Contribution	0.00	207,000.00	207,000.00	100.00%	0.00	0.00
Director's Benefits	9,141.80	56,324.82	161,248.00	34.93%	0.00	104,923.18
Health Insurance for Retirees	9,363.01	47,023.16	101,099.00	46.51%	0.00	54,075.84
Training Expense	20.00	12,261.50	52,000.00	23.58%	908.10	38,830.40
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	**517,513.07**	**3,281,478.62**	**6,501,783.00**	**50.47%**	**908.10**	**3,219,396.28**
Engineering Expense	6,791.25	106,567.28	380,000.00	28.04%	365,380.97	(91,948.25)
Legal Expense	6,649.10	91,364.39	225,000.00	40.61%	133,635.61	0.00
Audit Expense	0.00	20,566.00	30,220.00	68.05%	4,654.00	5,000.00
Professional Services	42,243.54	334,124.66	1,475,640.00	22.64%	840,816.33	300,699.01
Professional Fees	**55,683.89**	**552,622.33**	**2,110,860.00**	**26.18%**	**1,344,486.91**	**213,750.76**
Conference - Staff	125.00	6,990.00	44,560.00	15.69%	0.00	37,570.00
Conference - Directors	(450.00)	4,905.00	16,845.00	29.12%	0.00	11,940.00
Travel & Accom. - Staff	7,930.82	12,719.26	69,825.00	18.22%	0.00	57,105.74
Travel & Accom. - Directors	1,452.55	1,825.91	21,250.00	8.59%	0.00	19,424.09
Travel & Conference	**9,058.37**	**26,440.17**	**152,480.00**	**17.34%**	**0.00**	**126,039.83**
Membership/Sponsorship	16,123.85	122,972.05	143,041.00	85.97%	0.00	20,068.95
CDR Support	0.00	27,594.66	65,249.00	42.29%	27,594.65	10,059.69
Dues & Memberships	**16,123.85**	**150,566.71**	**208,290.00**	**72.29%**	**27,594.65**	**30,128.64**
Business Expense	93.60	833.84	2,500.00	33.35%	0.00	1,666.16
Office Maintenance	22,996.48	63,015.75	147,400.00	42.75%	75,710.73	8,673.52
Building Repair & Maintenance	5,410.65	16,725.27	15,000.00	111.50%	8,737.40	(10,462.67)
Storage Rental & Equipment Lease	52.50	370.39	1,800.00	20.58%	429.61	1,000.00
Office Supplies	2,346.55	6,283.77	35,000.00	17.95%	4,271.02	24,445.21
Supplies - Water Loss Control	692.63	791.13	4,000.00	19.78%	0.00	3,208.87
Postage/Mail Delivery	1,782.33	5,357.61	9,243.00	57.96%	1,584.83	2,300.56
Subscriptions & Books	0.00	120.00	1,000.00	12.00%	0.00	880.00
Reproduction Expense	30.67	1,739.10	82,700.00	2.10%	4,879.78	76,081.12
Maintenance - Computers	1,297.61	3,253.13	8,000.00	40.66%	1.08	4,745.79
Software Purchase	6,836.65	32,550.78	36,040.00	90.32%	913.58	2,575.64
Software Support	17,751.54	41,252.09	48,640.00	84.81%	15,126.50	(7,738.59)
Computers and Equipment	(16.76)	21,106.36	23,450.00	90.01%	4,525.53	(2,181.89)
Maintenance Expense	0.00	0.00	6,000.00	0.00%	0.00	6,000.00
Automotive Expense	119.84	549.34	16,000.00	3.43%	0.00	15,450.66
Vehicle Expense	308.44	1,480.32	5,800.00	25.52%	0.00	4,319.68
Toll Road Charges	0.00	200.00	1,250.00	16.00%	0.00	1,050.00
Insurance Expense	12,866.01	73,571.53	130,000.00	56.59%	0.00	56,428.47
Utilities - Telephone	1,637.85	17,448.75	42,840.00	40.73%	684.18	24,707.07
Bank Fees	0.00	1,256.80	3,200.00	39.28%	0.00	1,943.20
Miscellaneous Expense	6,987.73	23,955.65	85,181.00	28.12%	2,627.64	58,597.71
MWDOC's Contrb. to WEROC	21,695.50	130,173.00	260,346.00	50.00%	0.00	130,173.00
Depreciation Expense	5,860.60	35,163.70	0.00	0.00%	0.00	(35,163.70)
Other Expenses	**108,750.42**	**477,198.31**	**965,390.00**	**49.43%**	**119,491.88**	**368,699.81**
Capital Aquisition	6,300.00	268,072.93	267,256.00	100.31%	82,693.48	(83,510.41)
Building Expense	116,880.01	879,312.81	441,973.00	198.95%	88,629.58	(525,969.39)
TOTAL EXPENSES	**830,309.61**	**5,635,691.88**	**10,648,032.00**	**52.93%**	**1,663,804.60**	**3,348,535.52**
NET INCOME (LOSS)	**(816,291.12)**	**4,378,973.36**	**0.00**	**0.00%**	**(1,663,804.60)**	**(2,715,168.76)**

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

	Month to Date	Year to Date	Annual Budget	% Used	Budget Remaining
WATER REVENUES					
Water Sales	9,560,934.40	104,316,461.70	155,126,337.00	67.25%	50,809,875.30
Readiness to Serve Charge	926,009.00	5,556,054.03	11,142,354.00	49.86%	5,586,299.97
Capacity Charge CCF	394,384.15	2,366,305.00	4,732,610.00	50.00%	2,366,305.00
SCP/SAC Pipeline Surcharge	23,217.70	182,372.32	315,000.00	57.90%	132,627.68
Interest Revenue	298.08	1,809.05	10,500.00	17.23%	8,690.95
TOTAL WATER REVENUES	**10,904,843.33**	**112,423,002.10**	**171,326,801.00**	**65.62%**	**58,903,798.90**
WATER PURCHASES					
Water Sales	9,560,934.40	104,316,461.70	155,126,337.00	67.25%	50,809,875.30
Readiness to Serve Charge	926,009.00	5,556,054.03	11,142,354.00	49.86%	5,586,299.97
Capacity Charge CCF	394,384.15	2,366,305.00	4,732,610.00	50.00%	2,366,305.00
SCP/SAC Pipeline Surcharge	23,217.70	182,372.32	315,000.00	57.90%	132,627.68
TOTAL WATER PURCHASES	**10,904,545.25**	**112,421,193.05**	**171,316,301.00**	**65.62%**	**58,895,107.95**
EXCESS OF REVENUE OVER EXPENDITURE	**298.08**	**1,809.05**	**10,500.00**	**17.23%**	**8,690.95**

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

	Year to Date Actual	Annual Budget	% Used
Spray To Drip Conversion			
Revenues	26,365.74	117,480.00	22.44%
Expenses	34,555.16	117,480.00	29.41%
Excess of Revenues over Expenditures	(8,189.42)	0.00	
Member Agency Administered Pass-Thru			
Revenues	58,432.00	573,201.00	10.19%
Expenses	47,022.00	573,201.00	8.20%
Excess of Revenues over Expenditures	11,410.00	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	30,059.51	84,300.00	35.66%
Expenses	29,995.00	84,300.00	35.58%
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	299,672.05	993,924.00	30.15%
Expenses	346,794.22	993,924.00	34.89%
Excess of Revenues over Expenditures	(47,122.17)	0.00	
Comprehensive Landscape (CLWUE)			
Revenues	146,589.08	303,100.00	48.36%
Expenses	168,871.35	303,100.00	55.71%
Excess of Revenues over Expenditures	(22,282.27)	0.00	
Recycled Water Program			
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	
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	97,088.00	297,330.00	32.65%
Expenses	126,122.75	297,330.00	42.42%
Excess of Revenues over Expenditures	(29,034.75)	0.00	
Pressure Regulation Program			
Revenues	4,250.00	66,919.00	6.35%
Expenses	16,405.00	66,919.00	24.51%
Excess of Revenues over Expenditures	(12,155.00)	0.00	
Smart Water Monitoring Devices(Flume)			
Revenues	58,454.25	89,000.00	65.68%
Expenses	58,454.25	89,000.00	65.68%
Excess of Revenues over Expenditures	0.00	0.00	
Dedicated Irrigation Meters Measurement Project (DIMM)			
Revenues	0.00	636,202.00	0.00%
Expenses	0.00	636,202.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	

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

	Year to Date Actual	Annual Budget	% Used
Total WUE Projects			
Revenues	734,426.88	3,254,956.00	22.56%
Expenses	841,795.98	3,254,956.00	25.86%
Excess of Revenues over Expenditures	(107,369.10)	0.00	
WEROC			
Revenues	390,519.00	520,692.00	75.00%
Expenses	251,792.04	520,692.00	48.36%
Excess of Revenues over Expenditures	138,726.96	0.00	

item 3b

Memorandum

DATE: February 9, 2022

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

FROM: Robert Hunter

SUBJECT: Quarter ending December 2021 Fiscal YTD Financials Actual versus Budget

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The following reports are attached:

- Revenues and Expenditures Actual versus Budget for the General Fund
- Revenues and Expenditures Actual versus Budget Detailed Comparative Report for the General Fund
- Revenues and Expenditures Actual versus Budget for Water Funds
- Revenues and Expenditures Actual versus Budget for Other Funds
- Revenues and Expenditures Actual versus Budget for the Water Use Efficiency Projects

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget Summary Report
Fiscal Year to Date ending December 2021 (Unaudited)
($000 Omitted)
General Fund and Reserve Fund

GENERAL FUND	YTD Actual	Annual Budget	% Used
REVENUES			
Water Rate revenues:			
Retail Connection Charge	8,357	8,357	100.00%
Ground Water Customer Charge	336	336	100.00%
Subtotal	8,693	8,693	100.00%
Other Revenues:			
Interest Income[1]	69	220	31.31%
Choice Programs[2]	1,238	1,516	81.69%
School Contracts[3]	11	121	9.27%
Other Income[4]	4	3	125.67%
Transfer in from Reserve[5]	0	95	0.00%
Subtotal	1,322	1,955	67.62%
TOTAL REVENUES	10,015	10,648	94.05%
EXPENSES			
Personnel Expenses (incl. Dir.)	3,282	6,502	50.49%
Professional Services[6]	355	1,506	23.55%
Outside Engineering[7]	107	380	28.04%
Legal Expense	91	225	40.61%
Travel & Conference[8]	26	153	17.33%
Dues and Memberships	151	208	72.29%
General & Admin Expense	477	965	49.38%
Building Repair & Expense[9]	879	442	198.95%
Capital Acquisition (not including building repairs)[9]	268	267	100.31%
TOTAL EXPENSES	5,636	10,648	52.93%
EXCESS OF REVENUES OVER EXPENSES	4,379		

RESERVE FUND	
Beginning Balance	7,305
Nov 2021 - draw from FY 2020-21 Reserves	(871)
TOTAL RESERVE FUND	6,434

(1) Interest rates continue to drop due to pandemic
(2) Choice Programs are paid in the beginning of the fiscal year
(3) School Contracts begin in September
(4) Other Income - JPIA Wellness Grant and CalCard Rebate
(5) Transfer in from Reserves is moved at year-end
(6) Professional Services - Projects in process
(7) Outside Engineering projects in process
(8) Travel was reduced due to COVID-19
(9) Remodel is complete and used all carryover funds

Municipal Water District of Orange County
Revenues and Expenditures Actual vs Budget Line Item Report
Fiscal Year to Date ending December 2021 (Unaudited)
General Fund

	YTD ACTUAL	ANNUAL BUDGET	% Used
REVENUES			
Retail Connection Charge	8,357,232	8,357,232	100.00%
Ground Water Customer Charge	335,385	335,385	100.00%
Water Rate Revenues	**8,692,617**	**8,692,617**	**100.00%**
Choice Programs	1,238,181	1,515,775	81.70%
Interest Revenue	68,891	220,000	31.31%
Miscellaneous Income	3,770	3,000	125.67%
School Contracts	11,206	120,895	9.27%
Transfer in from Reserve	0	95,745	0.00%
Other Revenues	**1,322,048**	**1,955,415**	**67.61%**
TOTAL REVENUES	**10,014,665**	**10,648,032**	**94.05%**

OPERATING EXPENSES			
Salaries & Wages	2,127,679	4,178,542	50.92%
less Recovery's	(14,007)	(18,665)	75.04%
Directors' Compensation	128,680	288,800	44.56%
MWD Representation	69,088	165,029	41.86%
Employee Benefits	650,971	1,356,730	47.98%
less Recovery's	(3,541)	0	0.00%
CALPERS Unfunded Liability Contribution	207,000	207,000	100.00%
Directors Benefits	56,325	161,248	34.93%
Health Insurances for Retirees	47,023	101,099	46.51%
Training Expense	12,261	52,000	23.58%
Tuition Reimbursement	0	5,000	0.00%
Temporary Help Expense	0	5,000	0.00%
Personnel Expenses	**3,281,479**	**6,501,783**	**50.47%**
Engineering Expense	106,567	380,000	28.04%
Legal Expense	91,364	225,000	40.61%
Audit Expense	20,566	30,220	68.05%
Professional Services	334,125	1,475,640	22.64%
Professional Fees	**552,622**	**2,110,860**	**26.18%**
Conference-Staff	6,990	44,560	15.69%
Conference-Directors	4,905	16,845	29.12%
Travel & Accom.-Staff	12,719	69,825	18.22%
Travel & Accom.-Directors	1,826	21,250	8.59%
Travel & Conference	**26,440**	**152,480**	**17.34%**
Membership/Sponsorship	122,972	143,041	85.97%
CDR Support	27,595	65,249	42.29%
Dues & Memberships	**150,567**	**208,290**	**72.29%**

Municipal Water District of Orange County
Revenues and Expenditures Actual vs Budget Line Item Report
Fiscal Year to Date ending December 2021 (Unaudited)
General Fund

	YTD ACTUAL	ANNUAL BUDGET	% Used
Business Expense	834	2,500	33.36%
Maintenance Office	63,016	147,400	42.75%
Building Repair & Maintenance	16,725	15,000	111.50%
Storage Rental & Equipment Lease	370	1,800	20.56%
Office Supplies	6,284	35,000	17.95%
Supplies - Water Loss Control	791	4,000	19.78%
Postage/Mail Delivery	5,358	9,243	57.97%
Subscriptions & Books	120	1,000	12.00%
Reproduction Expense	1,739	82,700	2.10%
Maintenance-Computers	3,253	8,000	40.66%
Software Purchase	32,551	36,040	90.32%
Software Support	41,252	48,640	84.81%
Computers and Equipment	21,106	23,450	90.00%
Maintenance Expense	0	6,000	0.00%
Automotive Expense	549	16,000	3.43%
Vehicle Expense	1,480	5,800	25.52%
Toll Road Charges	200	1,250	16.00%
Insurance Expense	73,571	130,000	56.59%
Utilities - Telephone	17,449	42,840	40.73%
Bank Fees	1,257	3,200	39.28%
Miscellaneous Expense	23,956	85,181	28.12%
MWDOC's Contribution to WEROC	130,173	260,346	50.00%
Depreciation Expense	35,164	0	0.00%
MWDOC Building Expense	879,313	441,973	198.95%
Capital Acquisition	268,073	267,256	100.31%
Other Expenses	**1,624,584**	**1,674,619**	**97.01%**
TOTAL EXPENSES	**5,635,692**	**10,648,032**	**52.93%**

EXCESS OF REVENUES OVER EXPENSES	**4,378,973**	**0**	

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Statement of Revenues and Expenditures
Fiscal Year to Date ending December 2021 (Unaudited)
Water Funds

	YTD Actual	Annual Budget	Balance
Water Revenues			
Water Sales	104,316,462	155,126,337	(50,809,875)
Readiness to Serve Charge	5,556,054	11,142,354	(5,586,300)
Capacity Charge CCF	2,366,305	4,732,610	(2,366,305)
SCP/SAC Pipeline Surcharge	182,372	315,000	(132,628)
Interest	1,809	10,500	(8,691)
Total Water Revenues	112,423,002	171,326,801	(58,903,799)
Water Purchases			
Water Sales	104,316,462	155,126,337	(50,809,875)
Ready to Serve Charge	5,556,054	11,142,354	(5,586,300)
Capacity Charge CCF	2,366,305	4,732,610	(2,366,305)
SCP/SAC Pipeline Surcharge	182,372	315,000	(132,628)
Total Water Purchases	112,421,193	171,316,301	(58,895,108)
EXCESS OF REVENUES OVER EXPENDITURES	1,809	10,500	(8,691)

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget
Fiscal Year to Date ending December 2021 (Unaudited)
Other Funds

	YTD Actual	Annual Budget	Balance
WEROC			
Revenues	390,519	520,692	(130,173)
Expenditures	251,792	520,692	(268,900)
Excess of Revenues over Expenditures	138,727	0	138,727
WUE Projects (details on next page)			
Revenues	734,427	3,254,956	(2,520,529)
Expenditures	841,796	3,254,956	(2,413,160)
Excess of Revenues over Expenditures	(107,369)	0	(107,369)

Footnote:
1) The excess of expense over revenue is waiting for reimbursement.
2) USBR (Federal) Grant is billed in October and April with funds being received one month later.
3) DWR is billed quarterly to county and takes a few months to a year to receive funds.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget
Fiscal Year to Date ending December 2021 (Unaudited)
Water Use Efficiency Projects

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
Spray to Drip Conversion					
Revenues	26,366		117,480	22.44%	694,670
Expenditures	34,555		117,480	29.41%	694,670
Excess of Revenues over Expenditures	(8,189)	-31%			

Actual Variance: All reporting current. Payments to Program Participants slightly ahead of Grant (DWR & USBR), Metropolitan (on water bill), and Retail Water Agencies reimbursements.

Budget Variance: This program is expected to end at a much higher level than when the Fiscal Year Budget number was developed last year at this time. In updating the Final FY Budget, Staff used data from the program over the first 6 months of this FY; we also considered the amount of applications in the queue, projecting them out over the final 6 months of this fiscal year. Altogether this accounts for the increase to the Project Final FY Budget number.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
Member Agency Administered Pass thru					
Revenues	58,432		573,201	10.19%	438,728
Expenditures	47,022		573,201	8.20%	438,728
Excess of Revenues over Expenditures	11,410	20%			

Actual Variance: Some MWDOC projects have been billed to Metropolitan, others, like those for the Retail Water Agencies have not begun reporting their projects.

Budget Variance: Adjustments were made that reduced the amount of funds directed at this program. Retail Water Agencies have begun to invoice for their programs and MWDOC's programs are just now beginning to be reported to Metropolitan.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
ULFT Rebate Program					
Revenues	110		2,000	5.50%	2,000
Expenditures	170		2,000	8.50%	2,000
Excess of Revenues over Expenditures	(60)	-55%			

Actual Variance: This tracks MWDOC member agencies activities to provide supplemental funding to increase activity in their service territories.

Budget Variance: Stated budget number is a yearly number, actual number is for the 2nd quarter. It is anticipated that by year's end Actual will be closer to Budget.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
HECW Rebate Program					
Revenues	30,060		84,300	35.66%	56,415
Expenditures	29,995		84,300	35.58%	56,415
Excess of Revenues over Expenditures	65	0%			

Actual Variance: This tracks MWDOC member agencies activities to provide supplemental funding to increase activity in their service territories.

Budget Variance: Projected Final FY Budget was adjusted down by $26,000. This was due to an anticipated lower overall number of HECW's when Staff tracked numbers from the first half of the FY.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
CII Rebate Program					
Revenues	0		6,500	0.00%	1,000
Expenditures	0		6,500	0.00%	1,000
Excess of Revenues over Expenditures	0	0%			

Actual Variance: This tracks MWDOC member agencies activities to provide supplemental funding to increase activity in their service territory.

Budget Variance: Agencies have yet to provide their stated funding for activity in their service territory, and in discussing program activity with Agencies, it is expected the FY end number will be less.

Notes:
1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.
2] Fiscal year budget versus Actual
3] With each quarterly report the projected fiscal year end budget may be re-adjusted.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget
Fiscal Year to Date ending December 2021 (Unaudited)
Water Use Efficiency Projects

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
Turf Removal Program					
Revenues	299,672		993,924	30.15%	5,678,694
Expenditures	346,794		993,924	34.89%	5,678,694
Excess of Revenues over Expenditures	(47,122)	-16%			

Actual Variance: Posted revenues from Grants (DWR & USBR) lagging slightly behind expenses. All revenue reporting for reimbursement is up to date.

Budget Variance: This program is expected to end at a much higher level than when the Fiscal Year Budget number was developed last year at this time. In updating the Final FY Budget, Staff used data from the program over the first 6 months of this FY; we also considered the amount of applications in the queue, projecting them out over the final 6 months of this fiscal year. Large commercial projects are beginning to finish which is also driving up the total. Altogether this accounts for the increase to the Project Final FY Budget number.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
Comprehensive Landscape (CLWUE)					
Revenues	146,589		303,100	48.36%	316,631
Expenditures	168,871		303,100	55.71%	316,631
Excess of Revenues over Expenditures	(22,282)	-15%			

Actual Variance: Grant funded program. Granting agencies (State) are slow to provide their funding. All reporting is current.

Budget Variance: Stated budget number is a yearly number, actual number is for the 2nd quarter. On track to meet budget.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
Recycled Water Program					
Revenues	13,406		40,000	33.52%	13,406
Expenditures	13,406		40,000	33.52%	13,406
Excess of Revenues over Expenditures	0	0%			

Actual Variance: Projects are currently being implemented with activity reported over the course of the fiscal year.

Budget Variance: Projected Final FY Budget adjusted down due to projects slow in developing. Projects thought to be paid this FY will come in next FY.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
WSIP - Industrial Program					
Revenues	0		45,000	0.00%	2,700
Expenditures	0		45,000	0.00%	2,700
Excess of Revenues over Expenditures	0	0%			

Actual Variance:Projects are currently being implemented with activity reported over the course of the fiscal year.

Budget Variance: Projected Final FY Budget adjusted down due to projects slow in developing. Projects thought to be paid this FY will come in next FY.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
Land Design Program					
Revenues	97,088		297,330	32.65%	331,303
Expenditures	126,123		297,330	42.42%	331,303
Excess of Revenues over Expenditures	(29,035)	-30%			

Actual Variance: Expenses out ahead of grant reimbursements. All local, State, and Federal Grant reporting current.

Budget Variance: This program is tied directly to activity in the turf program. The turf program is expected to increase significantly and this program will increase proportionately. Analyzing the applications in the queue dictates the increase in the Projected Final FY Budget. Activity in this program is expected to come in as budgeted.

Notes:
1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.
2] Fiscal year budget versus Actual
3] With each quarterly report the projected fiscal year end budget may be re-adjusted.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget
Fiscal Year to Date ending December 2021 (Unaudited)
Water Use Efficiency Projects

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
Pressure Regulation Valve Program					
Revenues	4,250		66,919	6.35%	35,604
Expenditures	16,405		66,919	24.51%	35,604
Excess of Revenues over Expenditures	(12,155)	-286%			

Actual Variance: Expenses out ahead of grant reimbursements. All local, State, and Federal Grant reporting current.

Budget Variance: This program adjusted down due to slower than anticipated activity. Project is expected to come in at the new lower number.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
Smart Water Monitoring Devices (Flume)					
Revenues	58,454		89,000	65.68%	99,998
Expenditures	58,454		89,000	65.68%	99,998
Excess of Revenues over Expenditures	0	0%			

Actual Variance: Funding to cover expenditures is current.

Budget Variance: Activity in the program adjusted slightly up. Actual is expected to come in as budgeted.

	Actual	Variance %	Fiscal Year Budget	% of Budget	Projected Final FY Budget
Dedicated Irrigation Meters Measurement Project (DIMM)					
Revenues	0		636,202	0.00%	636,202
Expenditures	0		636,202	0.00%	636,202
Excess of Revenues over Expenditures	0	0%			

Actual Variance: This is a new program developed this FY. Program is currently up and running and it is anticipated that activity at $636,202 will materialize by the end of this FY.

Budget Variance:

Notes:
1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.
2] Fiscal year budget versus Actual
3] With each quarterly report the projected fiscal year end budget may be re-adjusted.

Item No. 4

DISCUSSION ITEM
February 9, 2022

TO:	**Board of Directors**
FROM:	**Administration & Finance Committee (Directors Seckel, Dick, Thomas)**
	Robert Hunter, General Manager — **Staff Contact: Hilary Chumpitazi**
SUBJECT:	**Fiscal Year (FY) 2022-23 First Draft Budget**

STAFF RECOMMENDATION

Staff recommends the Administration & Finance Committee, MWDOC Board of Directors, Member Agencies, and the public review, discuss and provide input and comments on the first draft of MWDOC's budget for FY 2022-23 (Fiscal Year Ending 2023, FYE'23).

Pertinent aspects of the fourth draft budget include:

1. The first draft budget includes a proposed increase of $0.75 (5.8%) to the retail service charge bringing the retail rate to $13.75 per retail meter. The groundwater customer charge to OCWD increases by $32,084 (9.6%) to $367,469. These charges are calculated under the new rate structure adopted by the MWDOC Board last year.
2. The first draft has a budget total of $194,460,964 (revenue) including Core & Choice, water sales, outside funding, and WEROC. This is an increase of 5.2%. This estimate is likely to increase pending Metropolitan's adoption of new rates. This MET rate increase will not impact the MWDOC rates.
3. The consolidated general fund budget is $11,159,793 (revenue) with an increase of $607,507 (5.8%).
4. The total revenue amount for the Core budget is $9,401,841; an increase of $486,224 (5.5%) over the current year's budget.
5. Interest revenues are budgeted with a $74,029 reduction (33.6%) to reflect decreased returns.
6. The proposed first draft budget includes a net planned reserves contribution of $289,685 consisting of contributions to the Election Reserve of $300,728 and the Building Reserve of $437,590 offset by a budgeted draw of $448,633. This will result in the reserves being approximately $374,529 below fully funded target levels.

<table>
<tr><td>Budgeted (Y/N): NA</td><td colspan="2">Budgeted amount:</td><td>Core __</td><td>Choice __</td></tr>
<tr><td colspan="2">Action item amount:</td><td colspan="3">Line item:</td></tr>
<tr><td colspan="5">Fiscal Impact (explain if unbudgeted):</td></tr>
</table>

7. The unfunded CALPERS liability annual payment of $207,000 is proposed.
8. The proposed salary contribution pool is at 7.64% of salaries and wages and reflects the rate of inflation (CPI = 3.84%) and merit considerations. No COLA (Cost of Living Adjustment) is being proposed.
9. There is an increase (1.41 FTE) in the Full-time Employee staffing level (33.66 FTE) driven by an increase in Choice program staffing (1.45 FTE). The total staffing level increases by 1.31 FTE.
10. The Building Improvement expenses are reduced $656,489 from the current budget and the carryover funds are expended in the current budget year. The Seismic Retrofit and Remodeling project will be completed in the current fiscal year. FYE'23 includes the remodel of the kitchen and breakroom and the replacement of the wooden trellis in the atrium (termite damage).
11. The Capital Acquisition expenses decrease by $197,059 in the FYE'23 budget and the prior year carryover funds are expended in FYE'22.
12. Outside funding for Water Use Efficiency (WUE) from rebates and grants is budgeted at $8,545,274; an increase of $5,926,522 over this year's budget.
13. Total outside funding (WUE & Local Resource Project (LRP) sources) is budgeted to be approximately $14,053,268. This is 143% of MWDOC's Core total expenses.
14. LRP funding is budgeted to be $1,371,906 (33%) greater than in the previous year's budget.
15. Expenses are increased for the Core Professional Fee expenses $47,616 (5.5%) and Outside Consulting Expense $30,000 (7.9%).
16. Software Support & Expenses increase by $65,813 (80%) and Computers and Equipment by $20,500 (87%) largely related to cybersecurity actions and accelerated computer replacement.
17. Conference & Travel expenses return to pre-COVID conditions as it is anticipated that in-person meetings will be the norm again in FYE'23.
18. Annual Local Resource Project (LRP) funding will decrease 15.3% from this year's budget as projects complete their funding cycle but are slightly above projected actuals for this year
19. Similar to last year, the schedule for the budget process impacts the timing of Choice budget elections by Member Agencies. Therefore, the Choice budget estimates in the first draft budget should be considered preliminary.

Proposed new items that are <u>not</u> incorporated in the budget pending Committee discussion include:

A. The SAWPA funding request of $20,000 for the Santa Ana Watershed Weather Modification Pilot Program
B. Capital funding of the WEROC South Emergency Operations Center.

The fixed Retail Meter Charge and Rate and the Ground Water Customer Charge presented in this budget are based on the rate structure approved by the MWDOC Board of Directors and implemented for FYE'22.

A reminder that memberships outlined in the Budget (Exhibit D) are approved by the Board with approval of the budget and therefore, each membership will not be brought to the Board for approval on an individual basis. Any new memberships not included in the budget will be brought to the Board for consideration.

Similar to memberships, budget approval for conferences includes Board and Staff approval for attendance at "standard conferences". Standard conferences are those listed on Exhibits E and F and approval includes staff travel/attendance at any out of state conferences listed on Exhibits E and F. Subsequent to the budget adoption, any new, out of state conferences will be brought to the Board for consideration.

The detailed draft budget is included as Attachment A.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

CHANGES FROM THE PRIOR DRAFT TO CURRENT DOCUMENT

This is the first draft budget. Therefore, there is no prior draft or changes.

MAJOR YEAR-TO-YEAR CHANGES IN THE CURRENT BUDGET

The budgets and rates for the last two years, FYE'21 & FYE'22, have been significantly impacted by COVID-19. FYE'21 had an actual rate reduction last year for both the Retail Meter Rate (-$0.20/meter) and the Groundwater Customer Charge (-$2,925). Under the prior rate structure, the FYE'22 rates would have had relative minor changes for the Retail Meter Rate (increase of $0.40/meter (3.3%) and the Groundwater Customer Charge (reduction of $24,072 (4.0%). For the proposed FYE'23 budget, COVID-19 impacts are expected to decline but inflation is a more prominent factor, particularly for salary costs.

The year-to-year (Y-T-Y) changes in the Core Operating Expenses are an increase of $257,279 (3.0%). The addition of building and election costs and reserve expenses yields a Y-T-Y Core Total Expense increase of $839,110 (9.3%).

- The largest Core expense is the combined cost categories for Employee, MWDOC Director and MWD Director salaries, wages and benefits with a Y-T-Y increase of $223,092 (4.1%). These combined expense categories constitute 57.5% of the total core expense budget.
- The multi-year seismic retrofit and office remodel project will complete the planned phases in FYE'22. Building expenses are included in the FYE'23 budget for comparatively small projects and significantly lower than in recent years. The Building Reserve is replenished with a $437,590 contribution.
- The other large core expense increases in descending order are Software Support & Expense ($65,813), Professional Fees ($47,616), WEROC Contribution ($35,944), Outside Consulting Expense ($30,000), Computers and Equipment ($20,500), and Staff Travel & Accommodations ($20,500).
- The Membership/Sponsorship expenses only include items previously approved by the Board of Directors.

Choice Y-T-Y expenses are largely unchanged at this early point in the budget process.

The year-to-year changes in the total Choice expenses between FYE'22 and FYE'23 are an increase of $121,283 (7.4%).

DETAILED REPORT

This committee and board item presents information and discusses the MWDOC FYE'23 budget. There is a simultaneous process being conducted to review the MWDOC Reserve Policy that was last updated in June 2017. The Metropolitan District of Southern California (MET) is also working through their budget process. MET's new rate structure may modify MWDOC's budget estimates of the value of water sales but it will not impact the proposed rates and charges in the MWDOC budget.

MWDOC's budget process normally includes three versions of draft budget with the final budget being approved at the April Board of Directors meeting. It is anticipated that the proposed changes to the rates will be approved at the same April 20th meeting. The first draft budget presents revenue figures based on the current rate structure.

The FYE'23 MWDOC Budget is developed through a transparent and iterative process. Key topics discussed below include:

1. MWDOC Budget Process & Schedule
2. Budget Principles
3. Reserves
4. Compensation Pool Guidelines
5. Budget Input from Member Agencies
6. Key Priorities & Initiatives for FYE'23
7. Core/Choice Programs
8. Water Rates and Charges
9. Proposed New Items Not Included Pending Committee Discussion

A short discussion on each item follows:

1. <u>MWDOC Budget Process & Schedule</u>

MWDOC's budget schedule is designed to accommodate the budget and rate schedules of our Member Agencies. Under this schedule, the Year-End Projections and Conceptual Budget were discussed at the January Administration & Finance (A&F) Committee. The first draft budget is presented at the February A&F Committee meeting. The second and third draft budgets are scheduled for the March and April committee meetings. 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. Changes in Choice programs do not impact the rates and charges passed in April for Core activities.

A budget schedule is included in Attachment A.

2. MWDOC Budget Principles for FYE'23

Staff continues to utilize the following Budget Principles to develop the draft budget:

- **Principle #1: Budget Investments Align with MWDOC's Priorities & Values**
  The Budget should reflect the mission and goals of MWDOC and align proposed activities with the valued benefits of the Board and our stakeholders. The budget process should be transparent and readily facilitate public review and input.

- **Principle #2: Activities Based on a County-wide Perspective**
  MWDOC's service area extends to Orange County's borders and the budgeted activities must comprehensively address issues, needs, and benefits for the entire service area and our regional involvement in the service area and operations of the Metropolitan Water District of Southern California (MET).

- **Principle #3: Efficient Program Design & Performance**
  The budgeted programs must consider complementary and cooperative designs to maximize benefits from other regional and local water resource programs to maximize value.

- **Principle #4: Full Cost Recovery**
  The budget will be developed so as to support full cost recovery of all expenses via the rates and charges without the unplanned use of reserves.

- **Principle #5: Compliance with Administrative Code**
  The proposed budget and budget process should fully comply with applicable sections of the MWDOC Administrative Code.

FYE'23 Goals and objectives for the eight MWDOC departments (Cost Centers) are included as Attachment B. It is anticipated that these goals and the associated funding levels will be discussed at MWDOC committee meetings. The input from these public meetings are incorporated into future budget drafts.

3. Projected Year-End Reserve Fund Balances, Reserve Targets, and Budget Goals

One goal of the budget process is the early identification of Reserve Fund impacts. A parallel process is being conducted to review the current MWDOC reserve policy which was adopted by the MWDOC Board of Directors in June 2017.

A stepwise process is utilized to update the target reserve amounts, project expected reserve amounts at the end of the fiscal year, and then determine whether the budget should add to or draw from the reserves to achieve the targets.

Reserve Targets

Table A summarizes the initial step of updating the reserve target for the FYE'23 budget.

TABLE A: Year-to-Year Reserve Target Adjustment			
Designated Reserves	**FYE'22 Target Reserve**	**Adjustment Factor**	**FYE'23 Target Reserve**
General Operations	$ 3,727,775	# Days Cash	$ 3,751,085
Grant & Project Cash Flow	1,500,000		1,500,000
Building Reserve	435,648	# Days Cash	437,590
Election Reserve	362,406	Cycle	762,406
OPEB Reserve est. 9/2018	297,147	Actuarial	297,147
TOTALS	$ 6,322,976		$ 6,748,228

The first column of Table A lists MWDOC's specific designated reserve accounts as established in the Administrative Code and the second column lists the reserve account targets from the FYE'22 approved budget. An annual adjustment is made to each account to calculate the new target for the upcoming budget (FYE'23).

<u>General Operations and Grant & Project Cash Flow:</u> The reserve targets for these two accounts are pooled under the reserve policy. The combined total target reserve is set at 180 days cash. The calculation is the Operating Budget divided by 365 days per year multiplied by 180 days. Therefore, the annual reserve target fluctuates with the previous year's operating budget.

<u>Building Reserve</u>: The target reserve is set at 15 days cash and is calculated in a similar fashion (Operating Budget divided by 365 days per year multiplied by 15 days).

<u>Election Reserve</u>: The district needs to be prepared to fund seven director elections every four years. The election cycle has either three or four directors coming up for election every two years. In order to smooth the rate impacts of the election cycles, the funding of the Election Reserve is set at one fourth of the total potential election cost for seven directors at the unit cost of the last election. The calculation is cost of last single director election multiplied by seven directors divided by four years. The calculation is corrected for elections where a director does not have an opponent and no election costs are incurred. The cost per election has been rising over the last few cycles.

<u>OPEB Reserve</u>: The OPEB Reserve was established in 2018 as part of the mechanism to fund "Other Post-Employment Benefits" in combination with a trust account. Actions regarding the reserve target are taken after review of the biennial actuarial report on the OPEB liability and assets. This budget is in the off-year for the actuarial report.

The calculation for the FYE'23 budget indicates that the designated reserve targets increase by $425,252 to a total of $6,748,228. The increase in the Election Reserve target is $400,000 (94%) of the total target increase.

Reserve Balances

Table B summarizes the information on current and projected reserve balances.

TABLE B: Current & Projected Reserve Balances			
Designated Reserves	**FYE'22 Beginning Reserve Balances**	**FYE'22 Projected Year End Reclass to Reserves**	**FYE'22 Projected Ending Reserve Balances**
General Operations	$ 3,738,505	$ 12,580	$ 3,825,084
Grant & Project Cash Flow	1,500,000	-	1,500,000
Building Reserve	436,542	(436,542)	-
Election Reserve	461,678	74,104	535,782
OPEB Reserve est. 9/2018	297,147	-	297,147
TOTALS	$ 6,433,872	$ (349,858)	$ 6,084,014

<u>FYE'22 Beginning Reserve Balances</u>: The beginning year balances originate from MWDOC's FYE '21 reserve amounts as modified by the actual revenues and expenses from that year. The reported balances are reviewed in the annual financial audit and then brought forward as the beginning reserve balances for the following fiscal year (FYE'22).

<u>FYE'22 Projected Year End Reclass to Reserves</u>: Based on the year end projections from the current budget process a determination is made as the anticipated draw from or addition to the beginning reserves. The current projections are that the total reserves will have a draw (reduction) of $349,963 which was allocated between the General Operations and Building Reserve reserves.

<u>FYE'22 Projected Ending Reserve Balances:</u> The projected reserve balance is the sum of the previous two columns.

Table B indicates that the reserve balances are projected to decrease by $349,858 during FYE'22 to a total of $6,084,014.

Budget Reserve Funding Goal

The stated goals of the MWDOC Board of Directors include having the reserves fully funded and that the budget should be balanced relative to meeting those reserve targets. Table C summarizes information relative to funding requirements to meet these goals.

TABLE C: FYE'23 Budget Reserve Funding Goal

Designated Reserves	FYE'23 Target Reserve	FYE'22 Projected Ending Reserve Balances	FYE'23 Budget Reserve Funding Goal
General Operations	$ 3,751,085	$ 3,751,085	$ -
Grant & Project Cash Flow	1,500,000	1,500,000	-
Building Reserve	437,590	-	437,590
Election Reserve	762,406	535,782	226,624
OPEB Reserve est. 9/2018	297,147	297,147	-
TOTALS	$ 6,748,228	$ 6,084,014	$ 664,214

<u>FYE'23 Target Reserve</u>: From Table A

<u>FYE'22 Projected Ending Reserve Balances</u>: From Table B

<u>FYE'23 Budget Reserve Funding Goal</u>: The amount of funding the proposed budget should generate to either increase or decrease the reserves to reach the target reserve levels.

Table C indicates that the FYE'23 budget should generate enough funds to contribute $664,214 to the designated reserves in order to fully fund the reserve target levels.

FYE'23 Budget Reserve Circumstances

As noted above, some of MWDOC's reserve targets are based on a "Number of Days Cash" basis and therefore change in proportion to the budget. The Building Seismic Retrofit and Remodeling Project expenses have been relatively large in magnitude and will be non-recurring in nature for MWDOC. We anticipate the budget growth and therefore the reserve targets growth to moderate in future budget cycles. 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 and thereby smooth rate impacts.

Normally, the goal for rate setting in the FYE'23 budget would be to have a budget surplus of $664,214 to fully fund the reserves. The first draft budget includes contributions to the Building Reserve of $437,590 and the Election Reserve of $300,728. These contributions are partially offset by the planned draw from reserves of $448,633 resulting in a net reserve contribution of $289,685. This leaves an unfunded amount of $374,529 necessary to fully fund the FYE'23 reserve target.

4. Compensation Pool Guidelines

MWDOC's compensation system includes both job classification-specific salary ranges and person-specific salaries. Annual modifications to both are implemented under different but inter-related practices. A common goal of both practices is to maintain competitive and appropriate salaries and benefits within the Southern California market.

Job Classification Salary Ranges.
MWDOC annually adjusts our salary ranges by the local Consumer Price Index (CPI) for the previous calendar year. The 2021 CPI for the LA/Long Beach/Anaheim area was 3.84%. This is 134% higher than the 2020 number. The CPI of 3.84% falls into MWDOC's moderate inflation range. Every three years MWDOC contracts for a Comprehensive Baseline Survey that reviews our job classifications with similar agencies and job functions. This Benchmark Survey was conducted last fiscal year, appropriate changes were incorporated in the FYE'22 budget and the budget impacts were minor. In general, MWDOC has found limited salary range corrections to be necessary and that the CPI adjustment process performs well. Therefore, we will continue the CPI-based salary range adjustment for FYE'23.

Employee-Specific Salaries
MWDOC does not have a Cost of Living Adjustment (COLA) and a COLA is not included or proposed in this budget. As part of the budget process, MWDOC establishes a Compensation Pool that facilitates employee salary increases allocated solely on merit. MWDOC conducts an annual direct labor market survey as part of the budget process and most of the water agencies in the survey have both defined merit and COLA components to their annual salary increases. The functional difference is that while both approaches cover both merit and inflation, other agencies will guarantee a COLA pay increase to all employees, while MWDOC employees are at risk of no salary increase depending upon their performance.

There is an objective comparison as to how well MWDOC's salary system has been performing relative to the market. As noted above, MWDOC's salary ranges have been generally tracking the labor market conditions. In addition, MWDOC salaries have largely maintained a mid-range position with predominately only long-tenured employees bumping up against the range ceiling for their position.

The MWDOC annual survey of approximately 20 water utilities is utilized as a comparison of proposed salary increases. As is usual for the first draft budget, this comparative information is not yet available from the other utilities but will be provided in later drafts.

MWDOC utilizes a system of CPI based formulas to calculate the proposed Compensation Pool. An analysis of 10-year compensation increases and CPI data was conducted to quantify the past practices that had successfully maintained MWDOC's salaries both competitive and within job classification ranges. The result was a system of four CPI ranges with associated Compensation Pool formulas as summarized below.

COMPENSATION POOL CPI RANGES & FORMULAS		
Category	**CPI Range**	**Formula**
Negative	< 0%	2% + (CPI x 0.5)
Low	0% to 2.4%	2% + CPI
Moderate	2.4% to 4.7%	CPI x 1.85
High	> 4.7%	4% + CPI

The 2021 annual CPI was 3.84% for the region which is in the 2.4% to 4.7% "moderate inflation" effective range. Applying the CPI x 1.85 moderate inflation range formula to the 3.84% CPI yields a compensation pool of 7.10% which was used to calculate the employee salary expense increase in the first draft budget.

The Director per diem adjustment is determined by the lesser of the employee increase or 5.0%. This budget has used the 5.0% rate.

5. <u>Budget Input from Member Agencies</u>

In November 2021, MWDOC sent a letter to all of its member agencies informing them of the start of the MWDOC FY 2021-22 Budget Process, and invited their formal participation in the process which can include suggestions of activities and general comments. The FYE'22 budget year-end projections and the conceptual FYE'23 budget were discussed at the January 2022 Administration & Finance Committee meeting as well as the January 2022 MWDOC Agencies Managers Meeting. Comment and request letters on the draft budget are included in Attachment C.

Only one comment letter has been received from a MWDOC Member Agency and it deals with the MWDOC reserve policy. General Manager Markus of OCWD requested additional information on the reserve calculation, that the MWDOC Board engage in discussions regarding the reserve policy, and that the MWDOC reserves remain at current levels until such discussions take place.

The reserve section of the first draft budget has been modified so as to clarify the target and funding process. He foundation of the current MWDOC reserve policy is the June 2010 reserve account categories established by the MWDOC Board and the 2011 settlement agreement between MWDOC and its Member Agencies. That reserve targets and adjustment procedures from the five-year settlement agreement were modified during that period to address specific conditions and were publicly discussed at committee and board meetings. A third party review of the reserve policy was conducted in 2017 and the recommendations were adopted by the MWDOC Board following public discussions. These discussions have continued since then with particular focus during the budget process. The MWDOC reserve policy is currently being reviewed again and the recommendations of that study will be presented and publicly discussed. The reserve policy issue was also specifically included in the interview questions for the Member Agency Facilitated Discussion Project currently underway and every Member Agency was invited to present their views.

6. Key Priorities & Initiatives for FYE '2023

MWDOC's MISSION

To provide reliable, high quality supplies from MWD and other sources
to meet present and future needs,
at an equitable and economical cost and
to promote water use efficiency for all of Orange County

MWDOC was formed in 1951 to serve the majority of Orange County as its MET member agency representative and make imported water available within Orange County. This remains MWDOC's primary purpose. Although this purpose has taken various forms and has evolved over the decades, the emphasis continues to be MET representation and advocacy on behalf of the retail water districts, to provide water reliability, and to provide value to the residents and ratepayers in Orange County. All functions included in the annual budget address components of MWDOC's mission

MWDOC's key priorities and initiatives are discussed for the following major departments and cost centers:

- Reliability Planning & Engineering (Cost Center 21)
- Metropolitan (MET) Issues & Water Policy (Cost Center 23)
- Water Use Efficiency (WUE) (Cost Centers 35, 62 & 70)
- Water Emergency Response (WEROC) (Cost Center 25)
- Communication/Public Affairs (Cost Center 32 & 63)
- Government Affairs Department (Cost Center 31)
- Administration Department (Cost Centers 11, 12, 13, & 19)
- Finance & Information Technology (Cost Centers 41 & 45)

While MWDOC is organized into several functional departments or cost centers, operationally, there is significant internal support and cooperation on the different tasks of our mission. For example, a critical issue like the Delta Conveyance Project will involve Reliability Planning & Engineering, MET Issues, Government Affairs, Public Affairs, the Board of Directors and Administrative Support.

It should be clear from the following discussion that many of the issues are not addressed in departmental silos but are shared responsibilities under various departments in carrying out MWDOC's overarching mission.

Reliability Planning and Engineering (Cost Center 21)

The Reliability Planning and Engineering (Engineering) Department efforts are varied and aimed at helping MWDOC member agencies navigate and understand the implications of long-term supply and emergency planning as well as the numerous intricacies involved in coordinating with MET to provide imported water (e.g., service connections, metering of water, pipeline operations, water quality, etc.). Engineering Department activities tie directly back to MWDOC's Mission Statement. Engineering activities include:

- shutdown planning,
- coordination of operations and maintenance activities and responsibilities of various regional pipelines in Orange County,
- identification and resolution of water quality issues in the regional distribution system, and
- analysis and planning for Orange County water reliability,
- coordination of MET's pipeline relining program (particularly the AMP),
- developing the ability and protocols to allow for pumping of local water supplies into the East Orange County Feeder #2 pipeline (EOCF#2),
- work on integration aspects of potential, future local water supply projects into the regional water distribution system including Poseidon, Doheny and San Juan Watershed projects.

The Engineering Department also provides internal support to other MWDOC departments; most notably Administration and WEROC by providing project management for MWDOC's office building and EOC improvements. Support is also provided to MET Issues and Water Policy Department as many MET issues overlap between the two departments in covering MET activities and their implications to MWDOC member agencies.

Areas of overlap with MET Issues and Water Policy include:

- analysis of various reliability improvement projects and MET initiatives including the MET Regional Recycled Water Program (Carson Project),
- MET's Local Resources Program (LRP),
- water quality issues in the regional distribution system that may impact MWDOC member agencies,
- MET emergency storage planning,
- emergency use of MET pipelines in circumstances when MET is unable to supply water,
- MET's Water Supply Allocation Plan (WSAP),
- MET System Resiliency Study,
- MET's Integrated Resources Plan (IRP),
- MET rates,
- Coordination with OCWD in examining opportunities to refill the groundwater basin.

Regional Water Reliability and OC Water Reliability Studies
The completion of the OC Water Reliability Study in 2016, which comprehensively evaluated the then current and future water supply and system reliability for all of Orange County, established much of the analysis methodology for supply and system reliability planning in Orange County. As conditions continued to evolve, and understanding of climate and ecosystem changes improved, an updated Study was completed in 2018.

Now in FYE'22 and FYE'23, efforts to further enhance the OC Water Reliability Study continue through updates to water demand forecasts and additional analysis of the economic impacts of drought reductions and catastrophic disruptions (earthquakes) to Orange County's water supplies. Efforts to mitigate these impacts require that Orange County have a credible estimate of the value of water supply reliability to avoid over-investing or under-investing in water supply projects. This additional economic benefits analysis, currently underway, includes quantification of the impacts these circumstances may have on the economy for both residents and businesses.

FYE'23 Priorities

Emergency Use of East OC Feeder #2
Complete the necessary water quality impact analyses and develop an operating strategy to put local water supplies into the MET system consistent with MET Administrative Code 4519 - Emergency Deliveries of Member Agency Water Supplies in Metropolitan's System. MWDOC has volunteered to be the first 'test case' for the recent policy to allow emergency use of MET pipelines. A detailed work plan for a pilot project has been developed with MET this year. It is anticipated that this technical demonstration project and the associated development of legal agreements will require substantial effort in FYE'23. This is likely a 2-3 year effort

MET Shutdown Planning
Continue to coordinate a number of shutdowns this year and to continue work on phasing of the Allen McColloch Pipeline Prestressed Concrete Cylinder Pipe (PCCP) Rehabilitation Program.

- Diemer Shutdown – 7-day plant shutdown to repair a chlorine diffuser pipe – Rescheduled from Feb 2022 but in active discussion as to alternate schedules
- OC Feeder & OC Feeder Extension
- Continue AMP Shutdown Working Group meetings

Reliability Study and Demand Forecast Update
Periodic updates of the OC Water Reliability Study are anticipated as new information becomes available regarding changing conditions and projects. MET is completing the update of its IRP. Information from Economic Studies and the MET IRP will be included in this update.

GIS – Member Agency and Division Boundary Refinement
Work with LAFCO, CDR, and member agencies to clear up legacy boundary discrepancies. GIS capabilities have greatly improved and both legal and service area boundaries are in need of refinement. Goal is a common basis for legal and service area boundaries going forward.

Primary WEROC EOC Project

- Support WEROC through completion of design phase of a new Primary EOC building. Notice to Proceed with design issued Nov 23, 2021.
- 30% Design and Cost Estimate anticipated in March 2022.

Completion of design and cost estimate anticipated in September 2022.

Breakroom/Kitchen & Atrium Trellis Construction Projects
Provide Project Management support to HR & Administration Department for remodel of the Breakroom/Kitchen and the repair or replacement of the atrium trellis due to termite damage.

<u>Metropolitan (MET) Issues and Water Policy (Cost Center 23)</u>

The Metropolitan (MET) Issues and Water Policy Department leads the District on MET issues and policy, as well as water supply and demand program coordination and analysis. Over the years, this department of four full time employees (FTE) has also become the primary clearinghouse on local, regional, state, and federal water policy issues. It ensures all key policy issues are analyzed and thoroughly evaluated for the MWDOC Board of Directors, our MWDOC-MET Delegation and our member agencies. As it relates to MET issues, the Department represents and advocates for Orange County on local resource projects and programs, water costs and rates, regional storage, water supply reliability management, demand management programs, water use efficiency programs, and water policy implementation. The Department also provides analysis and advocacy for Orange County on water policy issues that extend beyond the scope of MET. Broader water policy issues covered include the State-wide water conservation regulations (such as the “stress-test”), progress and development of the Delta Conveyance Project, the development of additional regional and local resource projects, and the effects of Colorado River demand management measures.

Department routine functions include:

- Support for the MWDOC-MET Delegation in promoting Orange County objectives;
- To act as the District’s liaison for MET information and water policy issues;
- Collaboration with MET staff on the development and management of programs and policies;
- Collaboration with other fellow MET member agencies on MET water policy issues;
- Support and advocate on behalf of our member agencies for issues such as Local Resources Program (LRP) applications and certifications, shutdown coordination, and MET water use programs (e.g., Coastal Pumping and Transfer Program);
- Coordination and monitoring of water supply management projects and programs such as replenishment deliveries (e.g., Conjunctive Use Program (CUP) and In-lieu programs) and MET & MWDOC’s Water Supply Allocation Plan for times of drought;
- Development of countywide water supply and demand projections;
- Development of Water Reliability Studies and Reports (e.g., Urban Water Management Plan and water shortage contingency “Stress-Tests”);
- Assessment and calculation of MWDOC’s annual water rates and charges (e.g., Readiness to Serve, Capacity Charge, and Groundwater Service Charge).

In addition, the Department also provides internal support to other departments, such as water policy and water management review on legislative matters, water use efficiency rules and regulations, and public outreach efforts. The Department also provides critical involvement with WEROC in relation to MET and MWDOC member agency’s emergency planning and operations. The Department plays an essential role at both the WEROC Emergency Operation Center (EOC) and as liaisons at the County’s Operational Area (OA) emergency operation center to aid in County water and wastewater representation during a disaster.

FYE’23 Priorities

Metropolitan’s Business Model and Long Term Financial Planning

As part of the General Manager's Strategic Priorities and the Post IRP Implementation Plan, Metropolitan will engage in reviewing its Business Model ("pay for performance") and its Long Term Financial Plan. This analysis will include its impacts to Metropolitan's future Rates and Charges as well as assess whether modifications to Metropolitan's rate structure are needed. In addition, there will be Cost of Service Assessment on Metropolitan's Regional Recycling Water Project's full-scale operation and financial configuration. The MWDOC staff will fully engage in this process.

MET's Post-Integrated Resource Planning (Phase 2) Implementation Plan and Adaptive Management Plan

With the expected Metropolitan Board adoption of the 2020 IRP Regional Needs Assessment Report (Phase I) in March 2022, Metropolitan will begin a collaborative IRP implementation phase and adaptive management plan to identify specific actions informed by the needs assessment findings. This phase seeks to bring together imported and local supplies, storage, and demand management plans & activities into one strategic approach. It also expects to monitor core supply conditions, drivers of changes (i.e. population growth, water demands, economic conditions, etc.) as well as track the performance of MET's policies, actions, and programs through a set of metrics to assess whether future actions need to adapt.

MWDOC staff goals include:

- Ensure the outcome of these Post-IRP Plans promote a balance reliability portfolio of core water supply development, storage enhancement, local supply development and water use efficiency.
- Encourage a clear and efficient implementation strategies to achieve MET's 2020 IRP reliability goals (For example, clear understandable IRP metrics that guide the Board in policy discussions).
- Seek input from the MWDOC Board, MET Directors and member agencies on the development of these Post-IRP implementation plans.

Colorado River Issues

The Department of the Interior declared the first-ever Colorado River Basin water shortage for 2022. The Level 1 Shortage Condition at Lake Mead underscored the value of the collaborative agreements we have in place with the seven basin states, Tribes, water users and Mexico in the management of water in the Colorado River Basin.

MET will also startup of discussions on the Colorado River Lower Basin's new interim guidelines. These new guidelines need to be agreed upon by 2026.

MWDOC staff goals are to:

- Monitor Drought Contingency Plan shortage reductions and water saving contributions.
- Monitor and attend key meetings and discussions on the Colorado River new interim guidelines.
- Advocate for suitable Colorado River salinity control measures and actions
- Encourage and advocate that MET maintains accessibility and reliability of its core Colorado River supplies, as forecasted in its 2020 IRP.

- Support MET in having access to its ICS storage during all hydrologic conditions on the Colorado River.

SWP Delta Conveyance & Infrastructure Improvement Activities

Completion of the Environmental work, preferred alignment and Record of Decision (ROD) on the Delta Conveyance Project is in-progress. Draft environmental planning documents planned for public release and review in mid-2022. Then activity will begin on which SWP contractors are willing to financially participate in the Project. In addition, MET is currently engaged with the State and other water agencies in further expansion and investments in surface storage projects and groundwater water banking program along the California Aqueduct. As well as, make significant capital improvement investments in the SWP dependent areas of the MET system for operational flexibility.

MWDOC staff goals are to:

- Financially analyze the cost/benefit of MET's participation in the DCP, as well as its cost impact to MWDOC and the member agencies.
- Encourage MET's engagement and investment in further access to storage, in particular its involvement with Sites Reservoir.
- Advocate for MET staff to start renegotiate its current storage and banking programs along the SWP to improve its "take" capacity.
- Support the prioritization of improving the operational flexibility of the SWP dependent areas of the MET system to ensure a balance reliability to all member agencies.

Regional Recycled Water Project (RRWP) in Carson

In partnership with the Sanitation Districts of LA County, MET is developing Regional Recycled Water Project (RRWP) that will purify up to 150 MGD of recycled water to be delivered to groundwater basins and industrial sites throughout the west and central part of LA County as well as Orange County; with the potential to be delivered to two MET treatment Plants (as Direct Potable Reuse, DPR). Prior to full scale Board approval, MET will conduct a Cost of Service Assessment to analyze the project's cost as well as how it will be configured in its rate structure.

MWDOC staff goals are to:

- Advocated & supported the preparation of environmental documentation and technical studies for the program.
- Ensure the option remains available for Orange County to receive water from the RRWP; either directly or indirectly.
- Evaluate and analyze the project's full-scale operational and financial configuration once it presented to the Board for consideration.
- Support the financial partnerships of Southern Nevada Water Authority (SNWA) and the Central Arizona Project (CAP) in the program, including a potentially water exchange program.

Metropolitan's Drought Resilience & Planning

As a result of the critically low SWP "Table A" allocations and low levels in Lake Mead these past years, MET plans to review and update their Water Surplus and Drought Management (WSDM) Plan. Changes can include the prioritization of "put and take" of MET storage, the location of storage and other water management actions under surplus and drought conditions. In addition, MET plans to prepare a Severe Drought Assessment that will include three consecutive low SWP "Table A" allocations.

MWDOC staff goals are to:

- Engage in the analysis of modification to MET's WSDM Plan. The WSDM Plan was last updated in 1999.
- Ensure proper signals that result in fair and equitable distribution of water to the MET service area during times of drought allocation and system constraints.
- Promote a balance distribution of "put and take" supplies to ensure a regional reliability and operational flexibility.

Water Use Efficiency (WUE) Department (Cost Centers 35, 62 & 70)

The Water Use Efficiency Department consists of both Core and Choice budgets and focuses primarily on two programs: Water Use Efficiency Program and Water Loss Control Shared Services Program. Both programs benefit from the Metropolitan Water District of Southern California's Conservation Credits Program; a program that provides financial incentives to member agencies to implement water use efficiency programs. This funding is focused on programs that provide the broadest benefits throughout the service area and enhance developing long-term programs such as water loss control. Outside funding for WUE programs was budgeted at $2,618,752 for FYE'22 but is projected to increase to $8,307,490. The FYE'23 outside funding budget is $8,545,274. This exceptional increase in funding is associated with rebates (MET + local matching funds) and increased BOR grant funding.

Water Use Efficiency mandates continue to evolve from the 20% by 2020 framework adopted in 2009 to the new efficiency standards-based approach. Providing the technical and policy expertise and program support along with securing funds for water use efficiency efforts is a priority for MWDOC. MWDOC has been providing this function since 1991. In partnership with our member agencies, MWDOC and MET will continue to implement a comprehensive portfolio of water use efficiency programs that include incentives and educational programs to all customer sectors. Emphasis will be on landscape water saving opportunities as irrigation accounts for approximately 50% of urban water use in Orange County. MWDOC will maximize access to Conservation Credits Program funding from MET and grant funding from the California Department of Water Resources (DWR) and US Bureau of Reclamation (BOR). Areas of focus include:

- Staff will continue to provide legislative and regulatory process leadership. California's new Long Term Water Use efficiency framework will require significant research to better understand and inform stakeholders and policy makers as the final standard setting occurs. This research may be focused locally or through partnerships beyond Orange County such as the California Water Efficiency Partnership and Alliance for Water Efficiency. Also, it is anticipated that new legislative proposals will be introduced. Staff will actively work to shape proposals in a way that benefits our member agencies.

- Metropolitan WUE policy development will be a main focus for the department especially in helping to prepare agencies for compliance with new state mandates. Staff will advocate for Program refinements at MET that ensure Orange County program needs are met and continue to evolve.
- Staff will participate in the update or establishment of device, appliance or fixture water use standards contained in the Cal Green Plumbing Code, Public Utilities Commission, and EPA WaterSense Program.
- MWDOC will continue to promote the Water Savings Incentive and Recycled Water Retrofit Programs including the addition of supplemental grant funding whenever available.
- MWDOC will continue to use the Droplet rebate administration platform for both Turf Removal and Spray-to-Drip rebate processing including electronic signatures.
- Staff will provide Landscape Design and Maintenance Assistance for rebate program participants.
- Staff will provide leadership for the California Water Efficiency Partnership Board and committees.
- MWDOC will work to secure program funding from outside sources.

Water Loss Control Shared Services

Since 2016, MWDOC has been coordinating a water loss control program for our Member Agencies. This program has moved beyond water loss technical assistance such as audits into shared services field activities including meter testing and distribution system leak detection. Orange County is now a state leader in terms of experience and data. This has allowed MWDOC to provide hard data to state regulatory agencies to influence developing regulations. MWDOC's expertise has also been beneficial in workgroups addressing the numerous water use efficiency legislative and regulatory proposals. Implementation of Water Loss Control Shared Services per the business plan adopted by the Board in December 2018 will continue and expand. These services will be provided through a combination of Core services currently funded by MWDOC and Choice services funded by participating agencies. Core services that are currently funded by MWDOC include Water Balance Validation, Leak Detection Equipment lending, and state-wide water loss policy monitoring and development. The Choice Shared Services will include Meter Accuracy Testing, Distribution System Leak Detection, Distribution System Pressure Surveys and Distribution System Flushing. These Choice services will be provided by the combination of increased field staff and contracted services.

Looking toward the next 3 – 5 years, staff anticipates continued focus on three main areas. These include Member Agency compliance assistance with the new water use efficiency mandates, implementation of water loss control shared services and technical assistance programs, and legislative and regulatory process leadership.

Water Emergency Response (WEROC) (Cost Center 25)

MWDOC provides the administrative umbrella for the Water Emergency Response Organization of Orange County (WEROC). The services and support provided by WEROC are intended to be an extension of Member Agency staffing in their preparedness efforts, and a resource during emergencies to ensure representation and recovery. WEROC staff works with its member agencies on emergency plans and standard operating procedure development and review; state and federal required trainings for grant eligibility and disaster readiness; disaster exercise development; grant identification and application; and response and recovery coordination. WEROC also maintains two emergency operation centers, its own response plans, and trained staff. In providing these services, WEROC continues to be a strong leader for regional water and wastewater emergency coordination and response.

The WEROC program provided major COVID-19 support function in FYE'21 and '22; all the while continuing to move projects forward while supporting water and wastewater agencies. WEROC staff continues to develop and provide the resources, tools, and trainings targeted at enhancing Member Agency preparedness and resilience.

Some of WEROC's Key Initiatives for FYE'23

Enhance Response Readiness
Maintain WEROC and OC water and wastewater agencies in a state of readiness to respond to emergency situations. This priority is the foundation to build upon agency resiliency and is on-going. One major component is the implementation of the WEROC Assessment Report action items focusing on key aspects including training, exercises, and updating emergency plans as part of the revision and review schedule in coordination with member agencies.

WEROC Emergency Operation Center Phase 2

- Continue to seek funding from other mechanisms such as grants or appropriation requests.
- Once Design & Engineering (D&E) and Costs Analysis is completed, present to the MWDOC Member agencies and MWDOC Board of Directors.
- Approval D&E and Cost Analysis for this project to move forward.

Cyber Security
Implementation and training on the Regional Cyber Security Coordination Annex as part the WEROC EOP.

- Train agencies on the plan
- Conduct one regional workshop/tabletop on the plan specific
- Continue quarterly Cyber Security Working Group meetings.

Planning and Operational Procedures
Update and revision of WEROC Hazard or Functional Specific Annexes or Standard Operating Procedures in line with the WEROC revision schedule including Communications, Drought, Earthquake, and Tsunami.

Finish Development and Implementation of the Logistics Plan
The Logistics Plan will incorporate how personnel, supplies, and equipment are requested, procured, tracked, and supported within the WEROC Organization.

Training & Test Exercises

Maintain the training and test exercise programs to improve the state of readiness, capabilities and resiliency of member agencies by Increase training on basic emergency management.

Points of Distribution (PODS) – Commodities
Work with the County, water and wastewater agencies by region to establish the responsibilities, process and procedures for Points of Distribution (PODS) for water, and other supplies to residents and businesses.

Communication - Public Affairs Department (Cost Centers 32 & 63)

The MWDOC Public Affairs Department's (Department) charge is to elevate public awareness about critical water issues, showcase the District's activities and programs, and continue to provide opportunities and resources that offer significant value to the region. While the purpose is multifold, the priority is District transparency. The last decade has seen a dramatic shift in the way people receive information. In a world where truth is sacrificed or, in some cases, neglected to win the race of who publishes first, regardless of accuracy, content is available at lightning speed. Today, anyone, no matter their experience or expertise, can disseminate information to the public. With the public's trust of government and the media arguably at an all-time low, water providers are under pressure to prove themselves relevant, trustworthy, and necessary. We continue to garner public trust by communicating value to stakeholders using a wider variety of tools and channels to meet them where they are – online, at community events, in schools, on social media, and through an array of partnerships.

Establishing and maintaining credibility and creating confidence in the District's decisions, expertise, and offerings continue through MWDOC's outreach efforts. Additional support comes from award-winning recognition by reputable local and international organizations for outstanding programs and communications activities. Creating a memorable, meaningful impression with stakeholders and others establishes the trust and credibility needed to place MWDOC in a visible leadership position as the go-to voice for Orange County water.

Over the past few years, the Department has invested significant time, talent, and resources to build and enhance MWDOC's communications tools and programs. A reputable online presence has been established and supported through the District's website and social media platforms. The Department will evaluate the various essential tools, materials, and communications channels currently used and identify gaps or areas for improvement. The annual social media audit, new website auditing tool results, Search Engine Optimization (SEO) effort, along with recommendations provided by current contractors, will drive the progress or shifts needed in these areas.

Key Initiatives for Public Affairs 21/22

Imported Water: Delta Conveyance Project & Colorado River Aqueduct

MWDOC will continue the programs designed to educate stakeholders on the importance of reliable deliveries from the State Water Project and the Colorado River. This is a multi-faceted approach which includes social media, videos, the speakers bureau, and the Water Policy Forum. Priority target audiences will include Orange County elected officials, business leaders and organizations. This work will dovetail with the efforts of Government Affairs. In addition to the agreement negotiation and supply issues for the Colorado River information will also include salinity considerations.

Strengthen MWDOC Speakers Bureau

As organizations begin to return to face-to-face meetings, Public Affairs is ready to strengthen and expand the MWDOC Speakers Bureau.

Presentations on various topics will be formalized, added to the Department event calendar, and incorporated into the Communications Program & Plan. These presentations will be available for the Board of Directors and staff for (virtual and in-person) presentations to be made to various target audiences.

The Speakers Bureau may also serve as the area for developing components for a future Orange County Water Academy for more comprehensive public programs.

Website Refresh

MWDOC's "new" website is now five-years old and is scheduled for a refresh. This is a significant updating but short of a major overhaul to include content and performance improvements.

Public Sentiment Analysis for Orange County (Survey)

Public Affairs plans to utilize FlashVote to perform scientific surveys with targeted audiences to gauge public sentiment regarding water issues. The information and data will be critical to MWDOC and our Member Agencies as we advance reliability issues and address public concerns.

Education

For FYE'23, the Department will invest time and resources towards advancing the District's water education initiatives and implementing environmental literacy – an education strategy that uses the local environment as the context for learning. By guiding students towards a deeper understanding of how social, economic, and civic decisions affect the water resources Orange County depends on, sound investments in water infrastructure, resource planning, and good water stewardship will make more sense now and far into adulthood.

The Department will examine, evaluate, and amend all District outreach programs and activities that target MWDOC's youngest water users. These programs include the K-12 Choice School Programs, Scouts programs, Water Energy Education Alliance, community events, partnerships, and post-secondary education efforts. MWDOC and education partners such as the Orange County Department of Education, the State Education and Environment Roundtable, and others will reintroduce the environmental literacy rollout plan initially proposed in FYE'21. The rollout, whose initial execution was impeded by COVID-19, includes formal instruction and materials for MWDOC Choice School Program contractors and select Orange County teachers and administrators.

The Water Energy Education Alliance (WEEA) has proven to be an extremely successful endeavor, supported by nearly 60 organizations across the State. These organizations are made up of water, energy, and education leaders working to build and strengthen workforce pathways for high school students in the Energy, Environment, and Utility Sectors (EEU). While this effort reinforces work being done across Southern California, Orange County is a notable beneficiary. New, commanding education and business connections have been made, and working groups are being formed and led through WEEA that are advancing workforce pathways for MWDOC and its 28 member agencies. Additional work is being done to implement environmental literacy guidelines into Career Technical Education programs at the state level, further securing the need and appreciation for water education in high schools.

MWDOC will continue to promote participation in the Wyland National Mayor's Challenge for Water Conservation. However, to reinforce the new direction of the MWDOC education programs, the incentive will shift from community city park to school project opportunity. This will include a new initiative linking schools, organizations and artists for public display programs.

Finally, the Department will identify opportunities through these partnerships and others that not only support and advance the goals and mission of the District but also provide value to the region.

Water Policy Forums/Dinners

One of MWDOC's hallmark programs, Water Policy Dinners, will also be evaluated and refined. Maximizing relationships with entities such as OCBC, ACC-OC, local chambers, and others, the Department looks to increase event attendance by promoting a specific schedule and speakers/topics planned for the entire fiscal year. With a set schedule and speakers, attendees can calendar accordingly, and staff will be able to plan logistics, promotions, and secure appropriate speakers. This initially was a priority for the previous fiscal year, however, like most everything else, COVID-19 forced a transition to Virtual Water Policy Forums. The Department looks to establish a partnership with another venue to host the more formal dinners when social distance mandates are lifted.

Governmental Affairs Department (Cost Center 31)

Governmental Affairs continues to work at the local, state and national levels with our Member Agencies, regional partners (three cities, Metropolitan, MET Member Agencies), organizations, delegations, regulatory agencies and bureaus to advance Orange County's agenda. Central to this effort are policy, legislative and regulatory developments and opportunities.

The department will rely on our local, state, and federal advocates to track, monitor and assist in education outreach on these issues. In addition, our Grants Program continues to

be an asset for our Member Agencies and provide helpful information and tools for them, along with MWDOC to obtain funding for various programs and infrastructure.
The shutdown of the California Legislature forced Government Affairs to adopt novel ways to advocate for MWDOC's interests. Lobbying over Zoom and social distancing requirements made for a challenging environment, but we successfully adjusted and achieved important goals. One of the most significant accomplishments of the past two years was learning how to be effective in an environment that prevented us from using most of the traditional tools of advocacy. There is no denying that the shutdown impacted our legislative efforts but we are now seeing the beginning of the reemergence of face-to-face meetings.

Priorities for FYE'23

- Actively engage on issues, legislative and regulatory, that will affect the Delta Conveyance Project
- Actively engage on the ongoing concerns with the indoor and total water use standards in cooperation with the WUE group and our Member Agencies and industry associations
- Actively engage and advocate for federal funding for the Army Corps of Engineers, the Bureau of Reclamation, the EPA, and WIFIA Programs
- Advocate for changes in the IRS Code with respect to turf removal programs.
- Advocate for cost effective reliability and local resources projects that benefit Orange County.
- Actively engage on regulations at SCAQMD related to wildfires and Public Safety Power Shutoffs (PSPS) that impact water districts.
- Actively engage on legislation and regulatory proceedings related to Constituents of Emerging Concern (CECs).
- Actively engage on regulations implementing the Low Income Rate Assistance, or "LIRA", program.
- Actively engage on SB 200 (disadvantaged and noncompliant water systems) implementation.
- Continue our outreach efforts with Orange County's delegation on the federal, state and local level.

Administration Department (Cost Centers 11, 12, 13, &19)

The Administrative Department is comprised of Board Administration, General Administration, Personnel and Overhead. The Administration Department provides support to the entire District to ensure operations run smoothly and efficiently. Fundamental activities include:

- Staff attendance, preparation and compilation of Board and Committee Agendas and minutes;
- Ensure compliance with the District Administrative Code, Contracts Manual and publication of required legal notices and coordination of all Public Records requests.
- The oversight and maintenance of the Electronic Records Management System for the District; ensure that all required documents are retained in accordance with the retention schedule and legal requirements as well as train staff on policies related to accessing, storing and transmitting electronic records;

- The oversight and maintenance of the District's Database Management System in an effort to provide a centralized database for staff in improving efficiencies;
- Personnel activities include recruitment, screening, selection, employee orientation, benefits and compensation administration, employee documentation, performance management, research and surveys, employee training and development;
- Oversight of the Safety and Risk Management and the District's Workers Compensation, Liability and Property Insurance Programs;
- Oversight of all items related to building facilities management.

Key initiatives in the coming year include:

- Continued COVID-19 policy evolution and transition back into the MWDOC office environment;
- Oversee building remodel improvements t kitchen area and atrium trellis (termite damage);
- Implement Individual staff training and development;
- Implementation and training of Performance Evaluation Process;
- Succession Planning for upcoming retirements (WUE);
- Increase Employee Engagement and implement Organizational Values;

MWDOC Building Improvements

Administration, Engineering, and WEROC staff have worked together to coordinate multiple improvement projects at the MWDOC Administration Building that will be completed in FYE'22. Comparatively minor construction projects in FYE'23 include the renovation of the Kitchen/lunchroom area and the likely replacement of the trellis in the atrium due to termite damage.

Finance & Information Technology (Cost Centers 41 & 45)

The Finance department includes Accounting and Information Technology (IT). The Department provides support to MWDOC through payroll, accounts payable/receivable, fixed assets, investments, grant funding, reconciliations and technology. Staff provides support to WEROC for disaster recovery at both the District office and the Emergency Operation Center. Finance and IT's priorities are Financial Stewardship and Auditing & Controls, which is demonstrated by receiving an unmodified opinion from our annual audit process.

Finance also provides monthly accounting to our Member Agencies through monthly billing of water deliveries, in-lieu credits, LRP payments, conservation rebates and choice programs.

IT provides uninterrupted service for our phones and computers with firewall protection to prevent threats, viruses and hackers from penetrating our system. As well as, providing & maintaining properly working office equipment. Significant modifications to the cybersecurity operations were identified and implemented in FYE'22 and will continue into FYE'23.

Key Initiatives in the coming year include:

- Maintain functional operations and support while staff is working remotely and hybrid meetings are being conducted;
- Implement the findings of the third-party IT audit;
- Upgrade the IT systems to Windows 11 and Microsoft Office 365
- Continue with IT's PC/Printer refresh program and security updates which, exchanges out equipment after it's useful like to prevent the loss of any data;
- Continue training on our new financial software;
- Continue with ongoing professional training;
- IT system security and back up testing;
- Continue to assist staff in maneuvering through our new financial software;
- Support the District with any future financing needs.

7. <u>Core/Choice Programs for FY 2020-21</u>

As noted above, the Choice Programs for FY 2020-21 are offered in both the Public Affairs and Water Use Efficiency Departments. The programs include:

- School Program - As discussed above the School Program represents a continuum of options from kindergarten through high school. Substantial efforts are underway to with Orange County teachers and State organizations to integrate critical water messages within the required curriculum structure with the goal of increasing the utility and acceptance of our programs. Also included are programs focusing on career path recruitment and training.

- Water Use Efficiency - Will continue to access MET WUE funding and grants from other sources for implementation programs for OC.

- Water Loss Control Shared Services – This program was developed in conjunction with our Member Agencies and continues significant expansion with increase funding through MET.

8. <u>Water Rates and Charges</u>

MWDOC's revenue funding for its Core Budget derives from the Retail Meter Service Charge and the Groundwater Customer Charge. The rate structure was initially developed as part of the 2016 rate study and was implemented by the MWDOC Board of Directors for FY 2016-17. The rate structure was reevaluated in 2021 and was adopted by the MWDOC Board for the FYE'22 budget and rate process. No changes are proposed to the rate structure and process.

<u>Proposed New Rates</u>
Based on the Proposed Budget and the current rate structure:

For FYE'23 the proposed Retail Meter Service Charge is $13.75 per meter.
For FYE'23 the proposed Groundwater Customer Charge is $367,469.

All other charges cover the cost of water supply including MET water purchases and MET associated charges (i.e. Readiness-to-Serve (RTS) and Capacity Charge). The proposed Total Water Purchases expense for FYE'23 is budgeted at $174,477,132.

9. Proposed New Items Not Included Pending Committee Discussion

By convention, proposed new items are not incorporated in the budget until concurrence is reached at the committee level. These items for the first draft budget are:

A. The SAWPA funding request of $20,000 for the Santa Ana Watershed Weather Modification Pilot Program

B. Construction funding of the WEROC South Emergency Operations Center

Attachments:

Attached hereto are the following:

Attachment A - MWDOC detailed draft budget for the coming fiscal year
Attachment B - Budget Schedule
Attachment C - comment and request letters
Attachment D - Departmental goals for FYE'23

Attachment A

Annual Budget for Fiscal Year 2022-23

First Draft

MWDOC's mission is:

To provide reliable, high-quality supplies from MWD and other sources to meet present and future needs, at an equitable and economical cost, and to promote water use efficiency for all of Orange County

Exhibit A2
SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS
CORE FUND

	FY 2021-2022 ADOPTED BUDGET	FY 2021-2022 PROJECTED ACTUALS	VARIANCE ACTUALS TO BUDGET	FY 2022-2023 PROPOSED BUDGET	VARIANCE TO PROJECTED ACTUALS	VARIANCE TO FY 2021-2022 BUDGET	
OPERATING EXPENSES:							
Salaries & Wages	$ 3,629,660	$ 3,639,452	$ 9,793	$ 3,835,412	$ 195,959	$ 205,752	(1)
Employee Benefits	1,193,667	1,214,738	21,071	1,260,901	46,163	67,234	(2)
Director Compensation	288,800	271,112	(17,688)	275,041	3,929	(13,759)	
Director Benefits	161,248	125,019	(36,230)	132,976	7,958	(28,272)	
MWD Representation	165,029	150,945	(14,084)	157,166	6,221	(7,863)	
CALPERS Unfunded Liability Contribution	207,000	207,000	-	207,000	-	-	
Overhead Reimbursement	(305,425)	(337,327)	(31,903)	(333,099)	4,228	(27,674)	
Health Insurance Coverage for Retirees	101,099	85,448	(15,651)	94,554	9,106	(6,545)	
Audit Expense	30,220	57,566	27,346	35,000	(22,566)	4,780	
Automotive & Toll Road Expenses	17,050	1,600	(15,450)	14,400	12,800	(2,650)	
Conference Expense - Staff	44,560	41,295	(3,265)	56,205	14,910	11,645	
Conference Expense - Directors	16,845	17,825	980	25,155	7,330	8,310	
Outside Consulting Expense	380,000	236,000	(144,000)	410,000	174,000	30,000	
Insurance Expense	130,000	135,000	5,000	140,000	5,000	10,000	
Legal Expense - General	225,000	229,221	4,221	235,750	6,529	10,750	
Maintenance Expense	153,400	98,800	(54,600)	155,400	56,600	2,000	
Membership / Sponsorship	143,041	140,295	(2,746)	145,847	5,552	2,806	
CDR Participation	65,249	55,189	(10,060)	57,462	2,273	(7,787)	
Miscellaneous Expense	76,381	49,020	(27,361)	60,120	11,100	(16,261)	
Postage / Mail Delivery	8,600	9,614	1,014	10,900	1,286	2,300	
Professional Fees	865,859	827,196	(38,664)	913,475	86,280	47,616	
Rents & Leases	1,800	1,660	(140)	1,800	140	-	
Outside Printing, Subscription & Books	83,700	75,800	(7,900)	85,000	9,200	1,300	
Office Supplies	35,000	15,000	(20,000)	35,000	20,000	-	
Building Repair & Maintenance	15,000	15,000	-	22,056	7,056	7,056	
Computer Maintenance	8,000	8,000	-	7,000	(1,000)	(1,000)	
Business Expense	2,500	2,048	(452)	2,500	452	-	
Software Support & Expense	82,580	125,580	43,000	148,393	22,813	65,813	
Computers and Equipment	23,450	23,450	-	43,950	20,500	20,500	
Telecommunications Expense	41,400	36,805	(4,595)	40,790	3,985	(610)	
Temporary Help Expense	5,000	-	(5,000)	5,000	5,000	-	
Training Expense	50,000	40,087	(9,914)	45,000	4,914	(5,000)	
Tuition Reimbursement	5,000	-	(5,000)	5,000	5,000	-	

Exhibit A2
SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS
CORE FUND

	FY 2021-2022 ADOPTED BUDGET	FY 2021-2022 PROJECTED ACTUALS	VARIANCE ACTUALS TO BUDGET	FY 2022-2023 PROPOSED BUDGET	VARIANCE TO PROJECTED ACTUALS	VARIANCE TO FY 2021-2022 BUDGET	
OPERATING EXPENSES: continued							
Travel & Accommodations - Staff	69,825	45,877	(23,948)	90,325	44,448	20,500	
Travel & Accommodations - Directors	21,250	19,136	(2,114)	32,900	13,764	11,650	
MWDOC's Contribution to WEROC: Operations	260,346	260,346	-	296,290	35,944	35,944	
Capital Acquisition (excluding building)	273,059	540,996	267,937	76,000	(464,996)	(197,059)	
Capital Acq Prior Year Carryover Dr/(Cr)	(5,803)	(208,991)	(203,188)	-	208,991	5,803	
OPERATING EXPENSES	**$ 8,569,390**	**$ 8,255,801**	**$ (313,589)**	**$ 8,826,669**	**$ 570,868**	**$ 257,279**	
MWDOC's Building Expense	$ 903,089	$ 1,082,686	$ 179,597	$ 246,600	$ (836,086)	$ (656,489)	
Building Expense Prior Year Carryover Dr/(Cr)	$ (461,116)	$ (164,236)	$ 296,880	$ 476,477	$ 640,713	$ 937,593	(3)
Contribution to Election Reserve	$ -	$ -	$ -	$ 300,728	$ 300,728	$ 300,728	
TOTAL EXPENSES	**$ 9,011,363**	**$ 9,174,251**	**$ 162,888**	**$ 9,850,474**	**$ 676,223**	**$ 839,110**	
REVENUES:							
Retail Meter Charge	$ 8,357,232	$ 8,357,232	$ -	$ 8,885,401	$ 528,169	$ 528,169	
Ground Water Customer Charge	335,385	335,385	-	367,469	32,084	32,084	
Interest Revenue	220,000	128,777	(91,223)	145,971	17,194	(74,029)	
Miscellaneous Income	3,000	3,000	-	3,000	-	-	
TOTAL REVENUES	**$ 8,915,617**	**$ 8,824,394**	**$ (91,223)**	**$ 9,401,841**	**$ 577,447**	**$ 486,224**	
EFFECT ON RESERVES:							
TOTAL CONTRIBUTION (DRAW) FROM RESERVES	**$ (95,747)**	**$ (349,858)**	**$ (254,111)**	**$ (448,633)**	**$ (98,775)**	**$ (352,886)**	(4)

(1) Total FY2022-2023 Salaries & Wages includes $18,394 for intern support

(2) Total FY2022-2023 Benefits includes $1,745 for intern support. Total Benefits also includes a Calpers contribution for full time employees of 10.87% for Classic employees and 7.47% for PEPRA employees. A further assumption is that medical, dental and vision insurance rates will increase by 4% for FY22-23.

(3) Of the $476,477, $437,590 is to replenish the building reserve thru FY22/23.

(4) Based on FY21-22 projections and FY22-23 MWDOC designated reserve target, designated reserves will be essentially fully funded in a few years.

Exhibit A3
SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS
CHOICE FUNDS

	FY 2021-2022 ADOPTED BUDGET	FY 2021-2022 PROJECTED ACTUALS	VARIANCE ACTUALS TO BUDGET	FY 2022-2023 PROPOSED BUDGET	VARIANCE TO PROJECTED ACTUALS	VARIANCE TO FY 2021-2022 BUDGET	
OPERATING EXPENSES:							
Salaries & Wages	$ 548,882	$ 611,678	$ 62,796	$ 593,718	$ (17,960)	$ 44,836	(1)
less for Recovery from Grants	(18,665)	(30,874)	(12,209)	(20,000)	10,874	(1,335)	
Employee Benefits	163,063	174,632	11,569	180,931	6,299	17,867	(2)
Director Compensation	-	-	-	-	-	-	
Director Benefits	-	-	-	-	-	-	
MWD Representation	-	-	-	-	-	-	
Overhead Reimbursement	305,425	337,327	31,903	333,099	(4,228)	27,674	
Health Insurance Coverage for Retirees	-	-	-	-	-	-	
Audit Expense	-	-	-	-	-	-	
Automotive & Toll Road Expenses	200	500	300	1,200	700	1,000	
Vehicle Expense	5,800	4,343	(1,457)	7,343	3,000	1,543	
Conference Expense - Staff	-	-	-	-	-	-	
Conference Expense - Directors	-	-	-	-	-	-	
Outside Consulting Expense	-	-	-	-	-	-	
Insurance Expense	-	-	-	-	-	-	
Legal Expense - General	-	-	-	-	-	-	
Maintenance Expense	-	-	-	-	-	-	
Membership / Sponsorship	-	-	-	-	-	-	
Miscellaneous Expense	12,000	12,000	-	12,000	-	-	
Postage / Mail Delivery	643	400	(243)	400	-	(243)	
Professional Fees	609,781	620,770	10,989	599,781	(20,989)	(10,000)	
Rents & Leases	-	-	-	-	-	-	
Outside Printing, Subscription & Books	-	-	-	-	-	-	
Office Supplies	-	-	-	-	-	-	
Supplies - Water Loss Control	4,000	4,000	-	4,000	-	-	
Computer Maintenance	-	-	-	-	-	-	
Software Support & Expense	2,100	2,300	200	2,300	-	200	
Telecommunications Expense	1,440	1,170	(270)	2,900	1,730	1,460	
Computers and Equipment	-	-	-	-	-	-	
Temporary Help Expense	-	-	-	-	-	-	
Training Expense	2,000	2,000	-	8,000	6,000	6,000	
Tuition Reimbursement	-	-	-	-	-	-	

Exhibit A3
SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS
CHOICE FUNDS

	FY 2021-2022 ADOPTED BUDGET	FY 2021-2022 PROJECTED ACTUALS	VARIANCE ACTUALS TO BUDGET	FY 2022-2023 PROPOSED BUDGET	VARIANCE TO PROJECTED ACTUALS	VARIANCE TO FY 2021-2022 BUDGET
OPERATING EXPENSES: continued						
Travel & Accommodations - Staff	-	-	-	-	-	-
Travel & Accommodations - Directors	-	-	-	-	-	-
Capital Acquisition	-	-		32,280	32,280	32,280
Subtotal Expenses	$ 1,636,669	$ 1,740,247	$ 103,577	$ 1,757,952	$ 17,705	121,282.65
TOTAL EXPENSES	**$ 1,636,669**	**$ 1,740,247**	**$ 103,577**	**$ 1,757,952**	**$ 17,705**	**$ 121,283**

REVENUES:						
Choice Revenue	$ 1,636,669	$ 1,740,247	$ 103,577	$ 1,757,952	$ 17,705	$ 121,283
TOTAL REVENUES	**$ 1,636,669**	**$ 1,740,247**	**$ 103,577**	**$ 1,757,952**	**$ 17,705**	**$ 121,283**

(1) Total FY2022-2023 Salaries & Wages includes $92,435 for intern support

(2) Total FY2022-2023 Benefits includes $8,764 for intern support. Total Benefits also includes a Calpers contribution for full time employees of 10.87% for Classic employees and 7.47% for PEPRA Calpers employees. A further assumption is that medical, dental and vision insurance rates will increase by 4% for FY22-23.

Exhibit A4
SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS
CONSOLIDATED

	FY 2021-2022 ADOPTED BUDGET	FY 2021-2022 PROJECTED ACTUALS	VARIANCE ACTUALS TO BUDGET	FY 2022-2023 PROPOSED BUDGET	VARIANCE TO PROJECTED ACTUALS	VARIANCE TO FY 2021-2022 BUDGET
OPERATING EXPENSES:						
Salaries & Wages	$ 4,178,542	$ 4,251,131	$ 72,589	$ 4,429,130	$ 177,999	$ 250,588 (1)
less for Recovery from Grants	(18,665)	(30,874)	(12,209)	(20,000)	10,874	(1,335)
Employee Benefits	1,356,730	1,389,370	32,640	1,441,831	52,461	85,101 (2)
Director Compensation	288,800	271,112	(17,688)	275,041	3,929	(13,759)
Director Benefits	161,248	125,019	(36,230)	132,976	7,958	(28,272)
MWD Representation	165,029	150,945	(14,084)	157,166	6,221	(7,863)
CALPERS Unfunded Liability Contribution	207,000	207,000	-	207,000	-	-
Overhead Reimbursement	-	-	-	-	-	-
Health Insurance Coverage for Retirees	101,099	85,448	(15,651)	94,554	9,106	(6,545)
Audit Expense	30,220	57,566	27,346	35,000	(22,566)	4,780
Automotive & Toll Road Expenses	17,250	2,100	(15,150)	15,600	13,500	(1,650)
Vehicle Expense - Water Loss Control	5,800	4,343	(1,457)	7,343	3,000	1,543
Conference Expense - Staff	44,560	41,295	(3,265)	56,205	14,910	11,645
Conference Expense - Directors	16,845	17,825	980	25,155	7,330	8,310
Outside Consulting Expense	380,000	236,000	(144,000)	410,000	174,000	30,000
Insurance Expense	130,000	135,000	5,000	140,000	5,000	10,000
Legal Expense - General	225,000	229,221	4,221	235,750	6,529	10,750
Maintenance Expense	153,400	98,800	(54,600)	155,400	56,600	2,000
Membership / Sponsorship	143,041	140,295	(2,746)	145,847	5,552	2,806
CDR Participation	65,249	55,189	(10,060)	57,462	2,273	(7,787)
Miscellaneous Expense	88,381	61,020	(27,361)	72,120	11,100	(16,261)
Postage / Mail Delivery	9,243	10,014	771	11,300	1,286	2,057
Professional Fees	1,475,640	1,447,966	(27,675)	1,513,256	65,291	37,616
Rents & Leases	1,800	1,660	(140)	1,800	140	-
Outside Printing, Subscription & Books	83,700	75,800	(7,900)	85,000	9,200	1,300
Office Supplies	35,000	15,000	(20,000)	35,000	20,000	-
Supplies - Water Loss Control	4,000	4,000	-	4,000	-	-
Building Repair & Maintenance	15,000	15,000	-	22,056	7,056	7,056
Computer Maintenance	8,000	8,000	-	7,000	(1,000)	(1,000)
Business Expense	2,500	2,048	(452)	2,500	452	-
Software Support & Expense	84,680	127,880	43,200	150,693	22,813	66,013
Computers and Equipment	23,450	23,450	-	43,950	20,500	20,500
Telecommunications Expense	42,840	37,975	(4,865)	43,690	5,715	850
Temporary Help Expense	5,000	-	(5,000)	5,000	5,000	-
Training Expense	52,000	42,087	(9,914)	53,000	10,914	1,000
Tuition Reimbursement	5,000	-	(5,000)	5,000	5,000	-

Exhibit A4
SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS
CONSOLIDATED

	FY 2021-2022 ADOPTED BUDGET	FY 2021-2022 PROJECTED ACTUALS	VARIANCE ACTUALS TO BUDGET	FY 2022-2023 PROPOSED BUDGET	VARIANCE TO PROJECTED ACTUALS	VARIANCE TO FY 2021-2022 BUDGET	
OPERATING EXPENSES: continued							
Travel & Accommodations - Staff	69,825	45,877	(23,948)	90,325	44,448	20,500	
Travel & Accommodations - Directors	21,250	19,136	(2,114)	32,900	13,764	11,650	
MWDOC's Contribution to WEROC: Operations	260,346	260,346	-	296,290	35,944	35,944	
Capital Acquisition (excluding building)	273,059	540,996	267,937	108,280	(432,716)	(164,779)	
Capital Acq Prior Year Carryover Dr/(Cr)	(5,803)	(208,991)	(203,188)	-	208,991	5,803	
OPERATING EXPENSES	**$ 10,206,060**	**$ 9,996,048**	**$ (210,012)**	**$ 10,584,621**	**$ 588,573**	**$ 378,561**	
MWDOC's Building Expense	$ 903,089	$ 1,082,686	$ 179,597	$ 246,600	$ (836,086)	$ (656,489)	
Building Expense Prior Year Carryover Dr/(Cr)	$ (461,116)	$ (164,236)	$ 296,880	$ 476,477	$ 640,713	$ 937,593	(3)
Contribution to Election Reserve	$ -	$ -	$ -	$ 300,728	$ 300,728	$ 300,728	
TOTAL EXPENSES	**$ 10,648,033**	**$ 10,914,498**	**$ 266,465**	**$ 11,608,426**	**$ 693,928**	**$ 960,393**	
REVENUES:							
Retail Meter Charge	$ 8,357,232	$ 8,357,232	$ -	$ 8,885,401	$ 528,169	$ 528,169	
Ground Water Customer Charge	335,385	335,385	-	367,469	32,084	32,084	
Interest Revenue	220,000	128,777	(91,223)	145,971	17,194	(74,029)	
Miscellaneous Income	3,000	3,000	-	3,000	-	-	
Choice Revenue	1,636,669	1,740,247	103,577	1,757,952	17,705	121,283	
TOTAL REVENUES	**$ 10,552,286**	**$ 10,564,640**	**$ 12,354**	**$ 11,159,793**	**$ 595,153**	**$ 607,507**	
EFFECT ON RESERVES:							
TOTAL CONTRIBUTION (DRAW) FROM RESERVES	**$ (95,747)**	**$ (349,858)**	**$ (254,111)**	**$ (448,633)**	**$ (98,775)**	**$ (352,886)**	(4)

(1) Total FY2022-2023 Salaries & Wages includes $110,829 for intern support

(2) Total FY2022-2023 Benefits includes $10,509 for intern support. Total Benefits also includes a Calpers contribution for full time employees of 10.87% for Classic employees and 7.47% for PEPRA Calpers employees. A further assumption is that medical, dental and vision insurance rates will increase by 4% for FY22-23.

(3) Of the $476,477, $437,590 is to replenish the building reserve thru FY22/23.

(4) Based on FY21-22 projections and FY22-23 MWDOC designated reserve target, designated reserves will be essentially fully funded in several years.

Exhibit A5
SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS
WATER FUND

	FY 2021-2022 ADOPTED BUDGET	FY 2021-2022 PROJECTED ACTUALS	VARIANCE ACTUALS TO BUDGET	FY 2022-2023 PROPOSED BUDGET	VARIANCE TO PROJECTED ACTUALS	VARIANCE TO FY 2021-2022 BUDGET
Water Revenues						
Water Sales	$ 159,262,425	$ 169,882,775	$ 10,620,350	$ 163,128,712	$ (6,754,064)	$ 3,866,286
Local Resource Program Incentives	(4,136,088)	(5,511,964)	(1,375,876)	(5,507,994)	3,970	(1,371,906)
Readiness-To-Serve Charge	11,142,354	10,849,877	(292,477)	11,142,354	292,477	-
Capacity Charge	4,732,610	5,064,335	331,725	5,396,060	331,725	663,450
Interest Revenue - Tier 2 Cont.	10,500	3,789	(6,711)	4,547	758	(5,953)
SCP/SAC Pipeline Surcharge	315,000	339,939	24,939	318,000	(21,939)	3,000
TOTAL WATER REVENUES	**$ 171,326,801**	**$ 180,628,751**	**$ 9,301,949**	**$ 174,481,679**	**$ (6,147,072)**	**$ 3,154,877**
Water Expenses						
Water Purchases	$ 159,262,425	$ 169,882,775	$ 10,620,350	$ 163,128,712	$ (6,754,064)	$ 3,866,286
Local Resource Program Incentives	(4,136,088)	(5,511,964)	(1,375,876)	(5,507,994)	3,970	(1,371,906)
Readiness-To-Serve Charge	11,142,354	10,849,877	(292,477)	11,142,354	292,477	-
Capacity Charge	4,732,610	5,064,335	331,725	5,396,060	331,725	663,450
SCP/SAC Pipeline Surcharge	315,000	339,939	24,939	318,000	(21,939)	3,000
TOTAL WATER EXPENSES	**$ 171,316,301**	**$ 180,624,962**	**$ 9,308,660**	**$ 174,477,132**	**$ (6,147,830)**	**$ 3,160,830**
Changes to Fund Balance:						
Tier 2 Contingency	$ 10,500	$ 3,789	$ (6,711)	$ 4,547	$ 758	$ (5,953)

Exhibit A6
SUMMARY OF FUNDING AND EXPENSES
For All Water Use Efficiency Programs

	FY 2021-2022 ADOPTED BUDGET	FY 2021-2022 PROJECTED ACTUALS	VARIANCE ACTUALS TO BUDGET	FY 2022-2023 PROPOSED BUDGET	VARIANCE TO PROJECTED ACTUALS	VARIANCE TO FY 2021-2022 BUDGET
Funding						
Metropolitan Water District	$ 1,459,112	$ 4,931,111	$ 3,471,998	$ 5,643,486	$ 712,376	$ 4,184,374
USBR	122,020	1,117,192	995,172	780,262	(336,930)	658,243
DWR	748,233	818,730	70,497	367,919	(450,811)	(380,314)
Member Agencies	239,387	1,390,457	1,151,070	1,703,607	313,149	1,464,220
MWDOC	50,000	50,000	0	50,000	-	0
TOTAL OUTSIDE FUNDING	**$ 2,618,752**	**$ 8,307,490**	**$ 5,688,738**	**$ 8,545,274**	**$ 237,784**	**$ 5,926,522**
Program Expenses Funded from Outside Sources						
Installation Verification	$ 68,600	$ 108,261	39,662	108,369	108	39,770
Rebate Incentives	2,252,822	7,458,441	5,205,619	6,518,281	(940,161)	4,265,458
TOTAL PROGRAMS EXPENSES	**$ 2,618,752**	**$ 8,307,490**	**$ 5,688,738**	**$ 8,545,274**	**$ 237,784**	**$ 5,926,522**

Exhibit B
Expenditures by Program

Cost Center	PROGRAM	FY 2021-2022 BUDGET FTE	FY 2022-2023 BUDGET FTE	FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
11	Administrative - Board	1.58	1.56	$ 1,269,023	$ 1,123,473	$ 1,242,617	
12	Administrative - General	3.97	3.97	789,058	709,839	839,870	
13	Personnel / Staff Development	1.69	1.81	393,261	351,668	429,925	
19	Overhead	4.15	4.23	1,355,294	1,308,195	1,206,523	
21	Reliability Planning and Engineering	2.57	2.67	679,793	711,835	797,116	
23	Metropolitan Issues and Water Policy	3.98	3.81	959,009	801,501	935,272	
31	Governmental Affairs	0.85	0.85	495,760	489,437	468,604	
35	Water Use Efficiency (Core)	0.95	1.06	465,589	550,050	484,084	
32	Public Affairs	4.76	4.59	1,006,360	965,501	1,140,950	
41	Finance	3.37	3.19	583,812	624,322	601,942	
45	Information Technology	0.99	0.99	312,086	359,637	383,476	
25	MWDOC's Contribution to WEROC	3.11	3.10	260,346	260,346	296,290	(1)
	CORE TOTAL	**31.97**	**31.83**	**$ 8,569,390**	**$ 8,255,801**	**$ 8,826,669**	
62	Water Use Efficiency Program	4.90	4.69	915,132	1,013,220	831,328	
63	School Programs	0.06	0.06	430,221	380,924	429,838	
70	Water Loss Control	1.39	3.05	291,317	346,103	496,786	
	CHOICE TOTAL	**6.35**	**7.80**	**$ 1,636,669**	**$ 1,740,247**	**$ 1,757,952**	
	CORE & CHOICE TOTAL	**38.32**	**39.63**	**$ 10,206,060**	**$ 9,996,048**	**$ 10,584,621**	
Includes:	Full-time employees	32.25	33.66	(2)			
	Part-time employees	1.52	0.00				
	Interns	1.44	2.87				
	WEROC Full-time employees	3.11	3.10				

(1) Total Operational Costs of WEROC is allocated among MWDOC, OCWD, OCSD, Anaheim, Santa Ana, Fullerton and South Orange County Wastewater Authority. Capital Expenditures are provided by MWDOC. Dollars shown are MWDOC's share only.

(2) FTE's for 2021-2022 are calculated based on 2088 hours of work for the year. FTE's for 2022-2023 are calculated based on 2088 hours worked for the year. This corresponds to the actual working days for the fiscal year which varies year to year. MWDOC and WEROC combined are budgeted to have a total of 37 full-time employees, 0 part-time employee and 6 interns. Several full-time employees are budgeted to work less than 40 hours a week which explains the fractions of an FTE for full time employees. The decrease in part-time employees from 3 to 0 is due to the change in status of 2 PT public affairs employees (one left and one was converted to full-time) and the change is status of an admin employee from PT to FT. This also explains the increase of 2 full-time employees. There is also an increase in interns from 3 to 6 (one addition to public affairs and 2 new interns positions in Conservation.)

Municipal Water District of Orange County
2022-2023 FISCAL MASTER PLAN PROJECTIONS
(in thousands)

	Projected ACTUALS FY21-22	BUDGET FY22-23	FISCAL MASTER PLAN PROJECTIONS [1] FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
Beginning Designated Reserve Balance - MWDOC	$6,434	$ 6,084	$ 5,642	$ 6,042	$ 6,681	$ 7,359	$ 8,090
less OPEB Reserve	297	297	297	297	297	297	297
Adjusted Reserve Balance	6,137	5,787	5,345	5,745	6,384	7,062	7,793
Revenues							
Water Rate Revenues:							
Retail Meter Agency Charge	8,357	**8,885**	9,253	9,621	9,830	10,039	10,250
Ground Water Customer Charge	335	**367**	377	386	395	405	415
Subtotal	8,693	**9,253**	9,629	10,007	10,225	10,444	10,665
Other Revenues:							
Choice Revenues	1,740	**1,758**	1,801	1,846	1,891	1,937	1,985
Interest Earnings	129	**146**	174	216	270	339	424
Misc./Reimbursements	3	**3**	3	3	3	3	3
Subtotal	1,872	**1,907**	1,978	2,065	2,164	2,279	2,412
Total Revenues	10,565	**11,160**	11,607	12,072	12,389	12,723	13,077
Expenses							
Core Expenses	7,924	**8,751**	8,966	9,186	9,412	9,644	9,881
Choice Expenses	1,740	**1,758**	1,801	1,846	1,891	1,937	1,985
Capital Acquisitions (not including building)	332	**108**	20	20	20	20	20
Total Expenses w/o Building & Election	9,996	**10,617**	10,787	11,052	11,323	11,601	11,886
Revenue Over Expenses w/o Building & Election	569	**543**	820	1,020	1,066	1,122	1,191
ELECTION Reserve Beginning Balance	462	462	110	491	1	382	110
Annual Election Reserve Contribution	**-**	**301**	**381**	**381**	**381**	**381**	**381**
Annual Election Expense	-	**653**		871		653	
Election Reserve Ending Balance	462	110	491	1	382	110	491
BUILDING Reserve Beginning Balance	437	-	437	426	416	413	413
Annual Building Reserve Contribution	**442**	**684**	**39**	**-**	**7**	**10**	**10**
Annual Building Expense	918	247	50	10	10	10	10
Building Reserve Ending Balance	-	437	426	416	413	413	413
CASH FLOW Reserve Beginning Balance	1,500	**1,500**	1,500	1,500	1,500	1,500	1,500
Annual Cash Flow Reserve Contribution	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cash Flow Reserve Ending Balance	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Ending General Fund & Cash Flow Reserves	**$ 5,325**	**$ 4,798**	**$ 4,828**	**$ 5,967**	**$ 6,267**	**$ 7,270**	**$ 7,689**

Document does not reflect MWDOC's irrevocable trust towards OPEB liability

MWDOC Water Rates							
Total Retail Customer Meters	**642,864**	**646,211**	649,300	652,300	655,300	658,300	661,300
Connection Charge	**$ 13.00**	**$ 13.75**	**$ 14.25**	**$ 14.75**	**$ 15.00**	**$ 15.25**	**$ 15.50**
Fixed Charge %		100%	100%	100%	100%	100%	100%
Rate Increase Proposal:							
Connection Charge		**$ 0.75**	**$ 0.50**	**$ 0.50**	**$ 0.25**	**$ 0.25**	**$ 0.25**

1 Assumptions for FMP: five year rolling average Inflation rate: 2.46% per year

Rate of return on Investment of portfolio: 1.00% per year

Working Capital and Interest Revenue Projections

	FISCAL MASTER PLAN PROJECTIONS FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
Working Capital:					
Designated Reserve Fund	5,642	6,042	6,681	7,359	8,090
Average Revenue from Agencies	4,815	5,004	5,112	5,222	5,333
WUE use of fund	(200)	(200)	(200)	(200)	(200)
Water Payment Float	7,138	7,163	7,188	7,213	7,238
Average Working Capital	17,395	18,009	18,782	19,594	20,460
Interest rate	1.00%	1.20%	1.44%	1.73%	2.07%
Interest Revenue Projections:					
Interest income - General	174	216	270	339	424
Total Interest Revenue Projections	**174**	**216**	**270**	**339**	**424**

Total Core Expenses

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
6010	Salaries & Wages - Admin	3,629,660	3,639,452	3,835,412
6090	Directors Compensation - MWDOC	288,800	271,112	275,041
6095	Directors Compensation - MWD	165,029	150,945	157,166
6105	Benefits - Admin	1,193,667	1,214,738	1,260,901
6109	CALPERS Unfunded Liability Contribution	207,000	207,000	207,000
6111	Overhead Reimbursement	(305,425)	(337,327)	(333,099)
6115	Benefits - Directors	161,248	125,019	132,976
6120	Health Insurance Coverage for Retirees	101,099	85,448	94,554
6205	Training	50,000	40,087	45,000
6210	Tuition Reimbursement	5,000	-	5,000
6220	Temporary Help	5,000	-	5,000
7010	Outside Consulting Services	380,000	236,000	410,000
7020	Legal - General	225,000	229,221	235,750
7030	Audit	30,220	57,566	35,000
7040	Other Professional Fees	865,859	827,196	913,475
7110	Conference - Employee	44,560	41,295	56,205
7115	Conference - Directors	16,845	17,825	25,155
7150	Travel & Accommodations - Employee	69,825	45,877	90,325
7155	Travel & Accommodations - Director	21,250	19,136	32,900
7210	Membership / Sponsorship	143,041	140,295	145,847
7250	CDR Participation	65,249	55,189	57,462
7305	Business Expense	2,500	2,048	2,500
7310	Office Maintenance	147,400	96,000	149,400
7315	Building Repair & Maintenance	15,000	15,000	22,056
7320	Rents & Leases	1,800	1,660	1,800
7330	Office Supplies	35,000	15,000	35,000
7340	Postal / Mail Delivery	8,600	9,614	10,900
7350	Subscriptions / Books	1,000	900	1,000
7360	Reproduction Expense	82,700	74,900	84,000
7410	Computer & Peripherals Maint	8,000	8,000	7,000
7430	Software Purchase	33,940	76,940	92,793
7440	Software Support	48,640	48,640	55,600
7450	Computers and Equipment	23,450	23,450	43,950
7580	Maintenance Expense	6,000	2,800	6,000
7610	Automotive / Mileage	16,000	1,400	13,500
7615	Toll Road Charges	1,050	200	900
7620	Insurance Expense	130,000	135,000	140,000
7640	Utilities - Telephone	41,400	36,805	40,790
7650	Bank Fees	3,200	2,600	2,600
7670	Miscellaneous Expenses	73,181	46,420	57,520
8810	Capital Acquisition	273,059	540,996	76,000
	Total Expenditure	8,314,847	8,204,446	8,530,379
	MWDOC's Contribution to WEROC Oper	260,346	260,346	296,290
	MWDOC's Contribution to Election Rsrv	-	-	300,728
	Capitol Acq Prior Year Carryover Dr/(Cr)	(5,803)	(208,991)	-
	MWDOC's Building Expense (8811)	903,089	1,082,686	246,600
	Building Prior Year Carryover Dr/(Cr)	(461,116)	(164,236)	476,477
		9,011,363	9,174,251	9,850,474

Total Choice Revenue and Expense

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
4215	Choice Revenue	1,231,890	1,190,854	1,757,952
4205	School Contracts	120,895	120,895	-
4705	Prior Year Carry Over	283,884	213,153	-
		-	-	-
	Choice billing over/under	-	215,345	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
	Total Revenue	1,636,669	1,740,247	1,757,952

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
6010	Salaries & Wages - Admin	548,882	611,678	593,718
	S & B Reimb. DSC or Recov from Grants	(18,665)	(30,874)	(20,000)
6090	Directors Compensation - MWDOC	-	-	-
6095	Directors Compensation - MWD	-	-	-
6105	Benefits - Admin	163,063	174,632	180,931
6111	Overhead Reimbursement	305,425	337,327	333,099
6115	Benefits - Directors	-	-	-
6120	Health Insurance Coverage for Retirees	-	-	-
6205	Training	2,000	2,000	8,000
6210	Tuition Reimbursement	-	-	-
6220	Temporary Help	-	-	-
7010	Outside Consulting Services	-	-	-
7020	Legal - General	-	-	-
7030	Audit	-	-	-
7040	Other Professional Fees	192,100	251,300	182,100
	Other Professional Fees - School Programs	417,681	369,470	417,681
7110	Conference - Employee	-	-	-
7115	Conference - Directors	-	-	-
7150	Travel & Accommodations - Employee	-	-	-
7155	Travel & Accommodations - Director	-	-	-
7210	Membership / Sponsorship	-	-	-
7250	CDR Participation	-	-	-
7310	Office Maintenance	-	-	-
7320	Rents & Leases	-	-	-
7330	Office Supplies	-	-	-
7332	Supplies - Water Loss Control	4,000	4,000	4,000
7340	Postal / Mail Delivery	643	400	400
7350	Subscriptions/Books	-	-	-
7360	Reproduction Expense	-	-	-
7410	Computer & Peripherals Maint	-	-	-
7430	Software Purchase	2,100	2,300	2,300
7440	Software Support	-	-	-
7450	Computers and Equipment	-	-	-
7580	Maintenance Expense	-	-	-
7610	Automotive / Mileage	-	-	-
7612	Vehicle Expense	5,800	4,343	7,343
7615	Toll Road Charges	200	500	1,200
7620	Insurance Expense	-	-	-
7640	Utilities - Telephone	1,440	1,170	2,900
7650	Bank Fees	-	-	-
7670	Miscellaneous Expenses	12,000	12,000	12,000
8410	Overhead Reimbursement	-	-	-
8610	Depreciation Expense	-	-	-
8710	Election Expenses	-	-	-
8810	Capital Acquisition	-	-	32,280
	Total Expenditure	1,636,669	1,740,247	1,757,952

Total Core and Choice Expenses

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
6010	Salaries & Wages - Admin	4,178,542	4,251,131	4,429,130
	S & B Reimb. DSC or Recov from Grants	(18,665)	(30,874)	(20,000)
6090	Directors Compensation - MWDOC	288,800	271,112	275,041
6095	Directors Compensation - MWD	165,029	150,945	157,166
6105	Benefits - Admin	1,356,730	1,389,370	1,441,831
6109	CALPERS Unfunded Liability Contribution	207,000	207,000	207,000
6111	Overhead Reimbursement	-	-	-
6115	Benefits - Directors	161,248	125,019	132,976
6120	Health Insurance Coverage for Retirees	101,099	85,448	94,554
6205	Training	52,000	42,087	53,000
6210	Tuition Reimbursement	5,000	-	5,000
6220	Temporary Help	5,000	-	5,000
7010	Outside Consulting Services	380,000	236,000	410,000
7020	Legal - General	225,000	229,221	235,750
7030	Audit	30,220	57,566	35,000
7040	Other Professional Fees	1,057,959	1,078,496	1,095,575
	Other Professional Fees - School Programs	417,681	369,470	417,681
7110	Conference - Employee	44,560	41,295	56,205
7115	Conference - Directors	16,845	17,825	25,155
7150	Travel & Accommodations - Employee	69,825	45,877	90,325
7155	Travel & Accommodations - Director	21,250	19,136	32,900
7210	Membership / Sponsorship	143,041	140,295	145,847
7250	CDR Participation	65,249	55,189	57,462
7305	Business Expense	2,500	2,048	2,500
7310	Office Maintenance	147,400	96,000	149,400
7315	Building Repair & Maintenance	15,000	15,000	22,056
7320	Rents & Leases	1,800	1,660	1,800
7330	Office Supplies	35,000	15,000	35,000
7332	Supplies - Water Loss Control	4,000	4,000	4,000
7340	Postal / Mail Delivery	9,243	10,014	11,300
7350	Subscriptions / Books	1,000	900	1,000
7360	Reproduction Expense	82,700	74,900	84,000
7410	Computer & Peripherals Maint	8,000	8,000	7,000
7430	Software Purchase	36,040	79,240	95,093
7440	Software Support	48,640	48,640	55,600
7450	Computers and Equipment	23,450	23,450	43,950
7580	Maintenance Expense	6,000	2,800	6,000
7610	Automotive / Mileage	16,000	1,400	13,500
7612	Vehicle Expense	5,800	4,343	7,343
7615	Toll Road Charges	1,250	700	2,100
7620	Insurance Expense	130,000	135,000	140,000
7640	Utilities - Telephone	42,840	37,975	43,690
7650	Bank Fees	3,200	2,600	2,600
7670	Miscellaneous Expenses	85,181	58,420	69,520
8810	Capital Acquisition	273,059	540,996	108,280
	Total Expenditure	9,951,517	9,944,693	10,288,331
	MWDOC's Contribution to WEROC Oper	260,346	260,346	296,290
	MWDOC's Contribution to Election Rsrv	-	-	300,728
	Capitol Acq Prior Year Carryover Dr/(Cr)	(5,803)	(208,991)	-
	MWDOC's Building Expense (8811)	903,089	1,082,686	246,600
	Building Prior Year Carryover Dr/(Cr)	(461,116)	(164,236)	476,477
		10,648,033	10,914,498	11,608,426

Administrative - Board
11

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
6010	Salaries & Wages - Admin	254,524	202,951	253,955
6090	Directors Compensation - MWDOC	288,800	271,112	275,041
6095	Directors Compensation - MWD	165,029	150,945	157,166
6105	Benefits - Admin	81,036	68,115	80,397
6115	Benefits - Directors	161,248	125,019	132,976
6120	Health Insurance Coverage for Retirees			
6205	Training			
6210	Tuition Reimbursement			
6220	Temporary Help			
7010	Outside Consulting Services			
7020	Legal - General	215,000	221,400 [2]	225,750 [1]
7030	Audit			
7040	Other Professional Fees			
7110	Conference - Employee			
7115	Conference - Directors	16,845	17,825	25,155 [3]
7150	Travel & Accommodations - Employee			
7155	Travel & Accommodations - Director	21,250	19,136	32,900 [3]
7210	Membership / Sponsorship	37,840	37,056	36,776 [4]
7250	CDR Participation			
7310	Office Maintenance			
7320	Rents & Leases			
7330	Office Supplies			
7340	Postal / Mail Delivery	5,000	6,714	7,000
7350	Subscriptions / Books			
7360	Reproduction Expense			
7410	Computers & Peripherals Maint			
7430	Software Purchase			
7440	Software Support			
7450	Computers and Equipment			
7580	Maintenance Expense			
7610	Automotive / Mileage	11,000	600	9,000
7615	Toll Road Charges	650	100	500
7620	Insurance Expense			
7640	Utilities - Telephone	300		
7650	Bank Fees			
7670	Miscellaneous Expenses	10,500	2,500	6,000
8410	Overhead Reimbursement			
8610	Depreciation Expense			
8710	Election Expenses			
8810	Capital Acquisition			
	Total Expenditure	1,269,023	1,123,473	1,242,617
	MWDOC's Contribution to Election Reserve			300,728
		1,269,023	1,123,473	1,543,345

1	• Best, Best & Krieger	$	210,000
	• Aleshire & Wynder	$	15,750
		$	225,750
2	• Best, Best & Krieger	$	200,722
	• Aleshire & Wynder	$	20,678
		$	221,400
3	• See Exhibit F.		
4	• See Exhibit D.		

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	346,964	325,895	356,645	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	140,159	132,496	153,562	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help	5,000		5,000	
7010	Outside Consulting Services				
7020	Legal - General				
7030	Audit				
7040	Other Professional Fees	1,200	1,200	1,200	1
7110	Conference - Employee	44,560	41,295	56,205	2
7115	Conference - Directors				
7150	Travel & Accommodations - Employee	69,825	45,877	90,325	2
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship	105,201	103,239	109,071	3
7250	CDR Participation	65,249	55,189	57,462	
7305	Business Expense	2,500	2,048	2,500	
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery				
7350	Subscriptions / Books	1,000	900	1,000	
7360	Reproduction Expense				
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Computers and Equipment				
7580	Maintenance Expense				
7610	Automotive / Mileage	5,000	800	4,500	
7615	Toll Road Charges	400	100	400	
7620	Insurance Expense				
7640	Utilities - Telephone				
7650	Bank Fees				
7670	Miscellaneous Expenses	2,000	800	2,000	
8810	Capital Acquisition				
	Total Expenditure	789,058	709,839	839,870	

1 • See Exhibit J.

2 • See Exhibit E.

3 • See Exhibit D.

Personnel / Staff Development
13

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	240,032	226,790	274,174	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	73,818	69,892	81,251	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training	50,000	40,087	45,000	1
6210	Tuition Reimbursement	5,000		5,000	
6220	Temporary Help				
7010	Outside Consulting Services				
7020	Legal - General	10,000	5,000	10,000	2
7030	Audit				
7040	Other Professional Fees			-	
7110	Conference - Employee				
7115	Conference - Directors				
7150	Travel & Accommodations - Employee				
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship				
7250	CDR Participation				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery				
7350	Subscriptions / Books				
7360	Reproduction Expense				
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Computers and Equipment				
7580	Maintenance Expense				
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense				
7640	Utilities - Telephone				
7650	Bank Fees				
7670	Miscellaneous Expenses	14,411	9,900	14,500	3
8810	Capital Acquisition				
	Total Expenditure	393,261	351,668	429,925	

1
- Staff Technical Training & Leadership Development Training

2
- Best, Best & Krieger

3

• Employee Recognition	$	2,200
• Applicant Background Checks & Physical	$	1,500
• Team Building, Lunch meetings	$	600
• Holiday Lunch	$	3,000
• OCWD Health Fair	$	200
• Employee Flu Shots	$	100
• Job Ads Recruiting	$	2,500
• Workforce Development testing	$	2,000
• COVID-19 Online Pre-Screen	$	2,400
	$	14,500

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	540,477	550,738	567,507	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	171,726	175,471	178,480	
6109	CALPERS Unfunded Liability Contribution	207,000	207,000	207,000	
6111	Overhead Reimbursement from Choice	(305,425)	(337,327)	(333,099)	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees	101,099	85,448	94,554	1
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services				
7020	Legal - General				
7030	Audit				
7040	Other Professional Fees	4,760	4,000	4,825	2
7110	Conference - Employee				
7115	Conference - Directors				
7150	Travel & Accommodations - Employee				
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship				
7220	CUWA Participation				
7240	AWWARF Participation				
7250	CDR Participation				
7310	Office Maintenance	147,400	96,000	149,400	3
7315	Building Repair & Maintenance	15,000	15,000	22,056	4
7320	Rents & Leases	1,800	1,660	1,800	5
7330	Office Supplies	35,000	15,000	35,000	6
7340	Postal / Mail Delivery	3,600	2,900	3,900	7
7350	Subscriptions / Books				
7360	Reproduction Expense	6,200	4,900	6,500	8
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Software Development				
7510	Site Maintenance				
7450	Computers and Equipment				
7580	Maintenance Expense	6,000	2,800	6,000	9
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense	130,000	135,000	140,000	
7640	Utilities - Telephone	40,200	36,000	40,000	10
7650	Bank Fees	3,200	2,600	2,600	
7670	Miscellaneous Expenses	4,000	3,000	4,000	
8410	Overhead Reimbursement				
8610	Depreciation Expense				
8710	Election Expenses				
8810	Capital Acquisition	249,059	516,996	76,000	11
	Total Expenditure	1,361,097	1,517,186	1,206,523	

Capital Acquisition to Carryover (8810)	-	-	-	
Capitol Acq Prior Year Carryover Dr/(Cr)	(5,803)	(208,991)	-	12
MWDOC's Building Expense (8811)	903,089	1,082,686	246,600	
Building Prior Year Carryover Dr/(Cr)	(461,116)	(164,236)	476,477	12
	1,797,267	2,226,645	1,929,600	

1 • For 15 Retirees

2 • Pension Plan administration by Dissinger Associates $ 4,000
• Cafeteria Plan IGOE $ 700
• Health Equity $ 125
$ 4,825

3 • Window Cleaning $ 2,000
• OCWD $ 78,000
• Receptionist $ 24,000
• Maint. Labor $ 7,800
• Plant Maintenance $ 5,000
• Landscape/Maintenance Atrium $ 12,000
• Binding Machine Renewal $ 800
• Carpet & Extra Office Cleaning $ 9,800
• Contingency $ 10,000
$ 149,400

4 • Sewer Flush $ 1,800
• Emergency Lighting Maint. $ 2,400
• HVAC and Misc. Repairs Maint $ 17,856
$ 22,056

5 • Corodata $ 800
• El Toro Water District (South EOC Site) $ 1,000
$ 1,800

6 • Coffee $ 3,000
• Supplies $ 32,000
$ 35,000

7 • OCWD $ 1,900
• Norco/FedEx/UPS $ 500
• POB $ 1,500
$ 3,900

8 Ricoh Copier

9 Generator Maintenance

10 • Spectrum $ 14,040
• Verizon $ 480
• EE Cell Reimb $ 25,480
$ 40,000

11 Wall Displays, Copier, Kitchen remodel

12 • FY21-22 & FY22-23 carryover Debit/(Credit) are the cumulative dollars from prior years that were unspent and will be applied toward work projected to be completed in future years.

Reliability Planning and Engineering
21

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	359,247	379,719	397,327	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	114,046	117,410	123,374	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services	200,000	214,000	275,000	1
7020	Legal - General				
7030	Audit				
7040	Other Professional Fees				
7110	Conference - Employee				
7115	Conference - Directors				
7150	Travel & Accommodations - Employee				
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship				
7250	CDR Participation				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery				
7350	Subscriptions / Books				
7360	Reproduction Expense				
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Computers and Equipment				
7580	Maintenance Expense				
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense				
7640	Utilities - Telephone	500	305	315	
7650	Bank Fees				
7670	Miscellaneous Expenses	6,000	400	1,100	
8810	Capital Acquisition				
	Total Expenditure	679,793	711,835	797,116	

1 See Exhibit J

Metropolitan Issues and Water Policy
23

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	583,428	580,325	598,871	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	195,580	199,026	201,152	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services	180,000	22,000	135,000	1
7020	Legal - General				
7030	Audit				
7040	Other Professional Fees				
7045	Other Professional Fees - MET				
7110	Conference - Employee				
7115	Conference - Directors				
7150	Travel & Accommodations - Employee				
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship				
7250	CDR Participation				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery				
7350	Subscriptions / Books				
7360	Reproduction Expense				
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Computers and Equipment				
7580	Maintenance Expense				
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense				
7640	Utilities - Telephone				
7650	Bank Fees				
7670	Miscellaneous Expenses		150	250	
8810	Capital Acquisition				
	Total Expenditure	959,009	801,501	935,272	

1 See Exhibit J

Government Affairs
31

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	134,709	131,661	142,924	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	47,551	47,776	48,680	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services				
7020	Legal - General				
7030	Audit				
7040	Other Professional Fees	309,000	309,000	273,000	1
7115	Conference - Directors				
7150	Travel & Accommodations - Employee				
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship				
7250	CDR Participation				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery				
7350	Subscriptions / Books				
7360	Reproduction Expense				
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Computers and Equipment				
7580	Maintenance Expense				
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense				
7640	Utilities - Telephone				
7650	Bank Fees				
7670	Miscellaneous Expenses	4,500	1,000	4,000	2
8410	Overhead Reimbursement				
8610	Depreciation Expense				
8710	Election Expenses				
8810	Capital Acquisition				
	Total Expenditure	495,760	489,437	468,604	

1	• BB&K	$ 96,000
	• NRR	$ 96,000
	• Ackerman	$ 42,000
	• Grant Research & Acquisition	$ 39,000
		$ 273,000

2	• WACO	$ 2,000
	• Outreach	$ 2,000
		$ 4,000

Public Affairs
32

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	486,932	477,383	513,866	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	146,879	147,975	154,008	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services				
7020	Legal - General				
7030	Audit				
7040	Other Professional Fees	272,949	249,543	378,500	1
7047	Prof Service-Grant Recovery				
7110	Conference - Employee				
7115	Conference - Directors				
7150	Travel & Accommodations - Employee				
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship				
7220	CUWA Participation				
7240	AWWARF Participation				
7250	CDR Participation				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery				
7350	Subscriptions / Books				
7360	Reproduction Expense	76,500	70,000	77,500	2
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Software Development				
7510	Site Maintenance				
7450	Computers and Equipment				
7580	Maintenance Expense				
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense				
7640	Utilities - Telephone	400	500	475	
7650	Bank Fees				
7670	Miscellaneous Expenses	22,700	20,100	16,600	3
8810	Capital Acquisition				
	Total Expenditure	1,006,360	965,501	1,140,950	

1	Public Affairs Activities:		
	• Resolutions/Proclamations	$	5,000
	• Consumer Confidence Reports	$	50,000
	• Delta Conveyance Program Support	$	30,000
	• Wyland Mayors Challenge	$	10,000
	• Scouts Program	$	7,500
	• Education Initiatives	$	35,000
	Subtotal	$	137,500
	Communications Plan Activities:		
	• Strategic Digital Outreach	$	95,000
	• Advertising	$	20,000
	• Website Refresh	$	50,000
	• Polling Public Sentiment Analysis	$	25,000
	• Special events(OC Water summit, WPD Reg/AV support, Poster Slogan awards, event displays)	$	51,000
	Subtotal	$	241,000
	Total	$	378,500
2	• Promotional Items, Branded Materials	$	45,000
	• Info Items Handouts, Books, Folders	$	32,500
		$	77,500
3	• Ricki Maint and Repair	$	2,000
	• Sponsorship Contigency Fund	$	5,000
	• Storage Facility	$	3,500
	• Science Fair Sponsorship	$	100
	• Member Agency Workshops PAW	$	6,000
		$	16,600

Water Use Efficiency
(Core)
35

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	157,145	217,151	186,878	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	47,444	71,899	61,206	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services				
7020	Legal - General				
7030	Audit				
7040	Other Professional Fees	255,000	255,000	230,000	1
7110	Conference - Employee				
7115	Conference - Directors				
7150	Travel & Accommodations - Employee				
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery				
7350	Subscriptions / Books				
7360	Reproduction Expense				
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Computers and Equipment				
7580	Maintenance Expense				
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense				
7640	Utilities - Telephone				
7650	Bank Fees				
7670	Miscellaneous Expenses	6,000	6,000	6,000	
8810	Capital Acquisition				
	Total Expenditure	465,589	550,050	484,084	

1	• General Research	$	75,000
	• Water Loss Control Work Grp	$	55,000
	• WLC Business Plan Implement	$	25,000
	• Aerial Imagery & LiDAR Study	$	75,000
		$	230,000

General Finance
41

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	399,902	418,972	407,817	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	129,740	138,832	132,175	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services				
7020	Legal - General				
7030	Audit	30,220	57,566	35,000	1
7040	Other Professional Fees	22,950	8,453	25,950	2
7110	Conference - Employee				
7115	Conference - Directors				
7150	Travel & Accommodations - Employee				
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship				
7250	CDR Participation				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery				
7350	Subscriptions / Books				
7360	Reproduction Expense				
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Computers and Equipment				
7580	Maintenance Expense				
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense				
7640	Utilities - Telephone				
7650	Bank Fees				
7670	Miscellaneous Expenses	1,000	500	1,000	
8810	Capital Acquisition				
	Total Expenditure	583,812	624,322	601,942	

1	• Annual Audit	$ 25,000
	• Single Audit	$ 5,000
	• WUE Grant Review	$ 5,000
		$ 35,000

2	• Custodial Bank fees	$ 6,500
	• Financial Consulting	$ 15,000
	• OPEB Actuarial	$ 3,750
	• CalPERS GASB 68 Report	$ 700
		$ 25,950

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	126,298	127,868	135,448	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	45,687	45,848	46,616	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services				
7020	Legal - General	-	2,821		
7030	Audit				
7040	Other Professional Fees				
7110	Conference - Employee				
7115	Conference - Directors				
7150	Travel & Accommodations - Employee				
7155	Travel & Accommodations - Director				
7210	Membership / Sponsorship				
7220	CUWA Participation				
7240	AWWARF Participation				
7250	CDR Participation				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery				
7350	Subscriptions / Books				
7360	Reproduction Expense				
7410	Computers & Peripherals Maint	8,000	8,000	7,000	1
7430	Software Purchase	33,940	76,940	92,793	2
7440	Software Support	48,640	48,640	55,600	3
7510	Site Maintenance				
7450	Computers and Equipment	23,450	23,450	43,950	4
7580	Maintenance Expense				
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense				
7640	Utilities - Telephone				
7650	Bank Fees				
7670	Miscellaneous Expenses	2,070	2,070	2,070	5
8810	Capital Acquisition	24,000	24,000	-	
	Total Expenditure	312,086	359,637	383,476	

1	• Computer, iPad, Server hardware maintenance	$ 7,000
2	• Various software upgrades and license	$ 92,793
3	• Cisco Smartnet for Phone system (hardware and software)	
	• Cisco Smartnet for POE and non-POE switches	
	• Cisco Smartnet for Voice Gateway/Router	$ 5,200
	• Cisco Smartnet for Firewall	
	• Wireless APs and router	
	• ECS Laserfiche annual support	$ 5,100
	• Laserfiche WORM Storage Cloud backup	$ 1,100
	• Mwdoc Website Support (LA Design Studio)	$ 15,000
	• Mwdoc.com Web hosting service	
	• Arcserv UDP license renewal (11 licenses)	$ 3,300
	• Support for Recruiting Insight Software for HR	$ 5,000
	• ACT!	$ 2,000
	• Exchange + AD monitoring software (renew in May)	$ 2,000
	• Annual support for Finance AccuFund software	$ 9,695
	• Exchange online annual licenses	$ 4,000
	• Tracker investment software usage cost	$ 2,820
		$ 55,215
4	• RICOH color printer annual maintenance (3/19/21-3/19/22)	$ 350
	• Replace 2 Department network printers	$ 2,000
	• Maintenance for Plotter	$ 600
	• 10 laptops to replace WEROC borrowed laptops	$ 9,000
	• 10 Replacement Computers with monitors or laptops for Staff	$ 15,000
	• Cloud hybrid backup storage	$ 4,000
	• Virtual office for District Diaster Recovery center (per year)	$ 6,500
	• Replace 3 laptops for Staff	$ 4,500
		$ 43,950
5	• Miscellaneous expenses	$ 2,000
	• Amazon Cloud Cam annual plan	$ 70
		$ 2,070

Water Use Efficiency
(choice)
62

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
4215	Choice Revenue	844,401	803,364	831,328
4705	Prior Year Carry over	70,731		
	Choice billing over/under		209,856	
	Total Revenue	915,132	1,013,220	831,328

Choice billing over/under reflects revenue overage or shortfall to be reconciled with participating member agencies. Final charges will be revised by August 2022 to reflect the new budget year charges plus/minus prior year over/under.

		FY 2020-2021 PROPOSED BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	431,097	499,047	388,480	
6012	Salaries & Benefits - Recovery from Grants	(18,665)	(30,874)	(20,000)	
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	128,773	138,177	113,498	
6111	Overhead Reimbursement	240,184	273,369	215,850	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training				
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services				
7020	Legal - General				
7030	Audit				
7040	Other Professional Fees	127,100	127,100	127,100	1
7110	Conference - Employee				
7115	Conference - Directors				
7150	Travel & Accomodations - Employee				
7155	Travel & Accomodations - Director				
7210	Membership / Sponsorship				
7250	CDR Participation				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office Supplies				
7340	Postal / Mail Delivery	643	400	400	
7350	Subscriptions / Books				
7360	Reproduction Expense				
7410	Computer & Peripherals Maint				
7430	Software Purchase				
7440	Software Support				
7450	Computers and Equipment				
7580	Maintenance Expense				
7610	Automotive / Mileage				
7615	Toll Road Charges				
7620	Insurance Expense				
7640	Utilities - Telephone				
7650	Bank Fees				
7670	Miscellaneous Expenses	6,000	6,000	6,000	
8810	Capital Acquisition				
	Total Expenditure	915,132	1,013,220	831,328	

1	• Marketing of WUE programs	$	40,000
	• Residential Installation Verification Inspec	$	50,000
	• Droplet Rebate Processing & E-Signature	$	37,100
		$	127,100

School Program
(choice)
63

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
4215	Choice Revenue	96,173	96,173	429,838
4205	School Contracts	120,895	120,895	
4705	Prior Year Carry over	213,153	213,153	
	Choice billing over/under		(49,297)	
	Total Revenue	430,221	380,924	429,838

Choice billing over/under reflects revenue overage or shortfall to be reconciled with participating member agencies. Final charges will be revised by August 2022 to reflect the new budget year charges plus/minus prior year over/under.

		FY 2020-2021 PROPOSED BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
6010	Salaries & Wages - Admin	6,559	6,064	6,441
6105	Benefits - Admin	2,216	1,951	2,060
6111	Overhead Reimbursement	3,765	3,438.61	3,656
6115	Benefits - Directors			
6120	Health Insurance Coverage for Retirees			
6205	Training			
6210	Tuition Reimbursement			
6220	Temporary Help			
7010	Outside Consulting Services			
7020	Legal - General			
7030	Audit			
7040	Other Professional Fees			
7040	Other Professional Fees - School Programs	417,681	369,470	417,681 1
7110	Conference - Employee			
7115	Conference - Directors			
7150	Travel & Accommodations - Employee			
7155	Travel & Accommodations - Director			
7210	Membership / Sponsorship			
7250	CDR Participation			
7310	Office Maintenance			
7320	Rents & Leases			
7330	Office Supplies			
7340	Postal / Mail Delivery			
7350	Subscriptions / Books			
7360	Reproduction Expense			
7410	Computer & Peripherals Maint			
7430	Software Purchase			
7440	Software Support			
7450	Computers and Equipment			
7580	Maintenance Expense			
7610	Automotive / Mileage			
7615	Toll Road Charges			
7620	Insurance Expense			
7640	Utilities - Telephone			
7650	Bank Fees			
7670	Miscellaneous Expenses			
8810	Capital Acquisition			
	Total Expenditure	430,221	380,924	429,838

1	• High Schools	$	63,930
	• Elementary Schools	$	288,310
	• Middle Schools	$	65,441
		$	417,681

Water Loss Control
(choice)
70

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
4215	Choice Revenue	291,317	291,317	496,786
4705	Prior Year Carry over			
	Choice billing over/under		54,786	
	Total Revenue	291,317	346,103	496,786

		FY 2020-2021 PROPOSED BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET			
6010	Salaries & Wages - Admin	111,226	106,567	198,797			
6012	Salaries & Wages - Reimb. from Grants						
6090	Directors Compensation - MWDOC						
6095	Directors Compensation - MWD						
6105	Benefits - Admin	32,075	34,503	65,373			
6111	Overhead Reimbursement	61,476	60,519	113,593			
6115	Benefits - Directors						
6120	Health Insurance Coverage for Retirees						
6205	Training	2,000	2,000	8,000			
6210	Tuition Reimbursement						
6220	Temporary Help						
7010	Outside Consulting Services						
7020	Legal - General						
7030	Audit						
7040	Other Professional Fees	65,000	124,200	55,000	1	1 • Meter Testing	$ 35,000
7110	Conference - Employee					• USA Leak detection	$ 20,000
7115	Conference - Directors						$ 55,000
7150	Travel & Accomodations - Employee						
7155	Travel & Accomodations - Director						
7210	Membership / Sponsorship						
7220	CUWA Participation						
7240	AAWARF Participation						
7250	CDR Participation						
7310	Office Maintenance						
7320	Rents & Leases						
7330	Office Supplies						
7332	Supplies - Water Loss Control	4,000	4,000	4,000			
7340	Postal / Mail Delivery						
7350	Subscriptions / Books						
7360	Reproduction Expense						
7410	Computer & Peripherals Maint						
7430	Software Purchase	2,100	2,300	2,300			
7440	Software Support						
7450	Computers and Equipment	-					
7510	Site Maintenance						
7580	Maintenance Expense						
7610	Automotive / Mileage						
7612	Vehicle Expense	5,800	4,343	7,343	2	2 • Vehicle Fuel & Oil	$ 7,000
7615	Toll Road Charges	200	500	1,200		• Auto Insurance	$ 343
7620	Insurance Expense						$ 7,343
7640	Utilities - Telephone	1,440	1,170	2,900			
7650	Bank Fees						
7670	Miscellaneous Expenses	6,000	6,000	6,000			
8410	Overhead Reimbursement						
8610	Depreciation Expense						
8710	Election Expenses						
8810	Capital Acquisition			32,280	3	3 • Leak Det. Equip(3XSewerin Aqua Test T10 Ground Mic's)	$ 32,280
	Total Expenditure	291,317	346,103	496,786			

WEROC
25

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
4320	MWDOC Contribution to Operations	260,346	260,346	296,290	
4210	WEROC Contracts	260,346	260,346	269,651	1
4205					
4230	Reimbursements				
4240					
4410					
4805					
	TOTAL WEROC Revenue	**520,692**	**520,692**	**565,941**	

1 • OCSD	$	52,852
• SOCWA	$	20,493
• OCWD	$	134,826
• 3 Cities -- $20,493/ea	$	61,480
	$	269,651

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET	
6010	Salaries & Wages - Admin	350,504	334,065	374,337	
6012	Salaries & Benefits - Reimbursed	(11,750)			
6090	Directors Compensation - MWDOC				
6095	Directors Compensation - MWD				
6105	Benefits - Admin	125,727	125,379	132,314	
6115	Benefits - Directors				
6120	Health Insurance Coverage for Retirees				
6205	Training	8,200	6,150	8,200	2
6210	Tuition Reimbursement				
6220	Temporary Help				
7010	Outside Consulting Services				
7020	Legal - General				
7030	Audit				
7110	Conference - Employee	3,800	3,176	3,200	3
7115	Conference - Directors				
7150	Travel & Accomodations - Employee	4,750	4,227	9,500	3
7155	Travel & Accomodations - Director				
7210	Membership / Sponsorship	850	889	880	4
7250	CDR Participation				
7310	Office Maintenance				
7320	Rents & Leases				
7330	Office & Radio Supplies	1,500	900	1,000	
7340	Postal / Mail Delivery				
7350	Subscriptions / Books				
7360	Reproduction Expense	1,000	250	250	
7410	Computer & Peripherals Maint	5,060	5,040	5,060	
7430	Software Purchase				
7440	Software Support	9,300	9,481	9,800	
7450	Computers and Equipment		280	-	
7510	Site Maintenance	700	640	700	
7580	Maintenance - Generators	1,000	980	1,000	
7581	Maintenance - Radios	2,000	1,900	2,000	
7582	Maintenance - EOC's	2,000	2,200	2,200	
7610	Automotive / Mileage	2,000	1,158	1,500	
7615	Toll Road Charges	50	-	-	
7620	Insurance Expense				
7640	Utilities - Telephone	10,000	9,900	10,000	
7650	Bank Fees				
7670	Miscellaneous Expenses	1,001	1,400	1,000	
7671	Miscellaneous Training	3,000	3,100	3,000	
8810	Capital Acquisition				
	Capital Expenditures				
	TOTAL Expenditures	**520,692**	**511,115**	**565,941**	

2 Cert Meetings Exercises

3 • See Exhibit E

4 • See Exhibit D

AMP Proceeds Agreement Administration
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		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
4020	Interest Revenue			
4050	O & M Maintenance Deposit			
4230	Reimbursement	11,622	4,128	4,567
4680	Miscellaneous Income			
	Prior Year Carryover			
	Total Revenue	11,622	4,128	4,567

		FY 2021-2022 BUDGET	FY 2021-2022 PROJECTED ACTUALS	FY 2022-2023 PROPOSED BUDGET
6010	Salaries & Wages - Admin	3,238	3,251	3,596
6090	Directors Compensation - MWDOC			
6095	Directors Compensation - MWD			
6105	Benefits - Admin	883	876	971
6115	Benefits - Directors			
6120	Health Insurance Coverage for Retirees			
6205	Training			
6210	Tuition Reimbursement			
6220	Temporary Help			
7010	Outside Consulting Services			
7020	Legal - General	6,000	-	-
7030	Audit			
7040	Other Professional Fees			
7110	Conference - Employee			
7115	Conference - Directors			
7150	Travel & Accomodations - Employee			
7155	Travel & Accomodations - Director			
7210	Membership / Sponsorship			
7220	CUWA Participation			
7240	AAWARF Participation			
7250	CDR Participation			
7310	Office Maintenance			
7320	Rents & Leases			
7330	Office Supplies			
7340	Postal / Mail Delivery			
7350	Subscriptions / Books			
7360	Reproduction Expense			
7410	Computer & Peripherals Maint			
7430	Software Purchase			
7440	Software Support			
7450	Computers and Equipment			
7580	Maintenance Expense			
7610	Automotive / Mileage			
7615	Toll Road Charges			
7620	Insurance Expense			
7640	Utilities - Telephone			
7650	Bank Fees			
7670	Miscellaneous Expenses			
8810	Capital Acquisition			
	Total Expenditure	10,121	4,128	4,567

Exhibit D

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Proposed District Participation Costs
Fiscal Year 2022-2023

	Budget FY 2021-2022	Projected FY 2021-2022 Actuals	Budget FY 2022-2023	Approval included in Budget Approval
Required Participation or Service				
LAFCO	$ 37,500	$ 36,716	$ 36,716	√
Subtotal Cost Center 11	$ 37,500	$ 36,716	$ 36,716	
Association of Calif. Water Agencies (ACWA)	$ 23,000	$ 23,000	$ 23,000	√
South OC Watershed Management Area Dues	$ 10,800	$ 10,800	$ 11,250	√
Subtotal Cost Center 12	$ 33,800	$ 33,800	$ 34,250	
Subtotal - Required Participation or Service	**$ 71,300**	**$ 70,516**	**$ 70,966**	
Elective Participation				
Colorado River Water Users Assn. (CRWUA 2-Directors)	$ 60	$ 60	$ 60	√
Orange County Water Association (OCWA 4 Directors)	$ 280	$ 280	$ -	√
Subtotal Cost Center 11	$ 340	$ 340	$ 60	
Association of California Cities- Orange County (ACCOC)	$ 5,100	$ 5,100	$ 5,100	√
American Water Works Association (AWWA)	$ 1,800	$ 1,800	$ 1,800	√
Association of Metropolitan Water Agencies (AMWA)	$ 21,876	$ 21,876	$ 21,876	√
CA Chamber of Commerce (HR California)	$ 580	$ 580	$ 580	√
Cal Desal	$ 5,100	$ 5,000	$ 5,100	√
California Association of Public Information Officers (CAPIO)	$ 840	$ 275	$ 825	√
California Environmental Literacy Initiative	$ -	$ -	$ 600	√
California Municipal Treasurers Association (CMTA)	$ 175	$ 175	$ 175	√
California Municipal Utilities Association (CMUA)	$ 6,480	$ 6,480	$ 6,480	√
California Society of Municipal Finance Officers (CSMFO)	$ 120	$ 120	$ 120	√
California Special Districts Association (CSDA)	$ 8,100	$ 8,100	$ 8,100	√
California Water Efficiency Partnership (CalWEP)	$ 6,100	$ 6,100	$ 6,030	√
California Water, Energy and Education Alliance (CWEEA)	$ -	$ -	$ 1,200	√
Colorado River Water Users Assn.	$ 92	$ 92	$ 100	√
Department of Water Resources Education Committee	$ -	$ -	$ 1,500	√
Government Finance Officers Association (GFOA)	$ 170	$ 170	$ 170	√
Indep. Special Districts of Or. Co. (ISDOC)	$ 50	$ 50	$ 50	√
International Association of Business Communicators (IABC)	$ 375	$ 375	$ 375	√
International Personnel Management Association (IPMA)	$ 60	$ 60	$ 60	√
National Water Resources Assn., Mun. Caucus	$ 545	$ 545	$ 545	√
OC Chapter-Calif. Landscape Contractors Assoc.	$ 1,900	$ 1,900	$ 2,250	√
Orange County Business Council (OC Chamber)	$ 5,250	$ 5,250	$ 5,250	√
Orange County Public Affairs Association (OCPAA)	$ 625	$ 625	$ 625	√
Orange County Water Association (OCWA)	$ 115	$ 115	$ 250	√
Public Relations Society of America/O.C. (PRSA)	$ 1,632	$ 335	$ 1,340	√
Society of Human Resources Management (SHRM)	$ 225	$ 225	$ 229	√
Southern California Personnel Management Assoc. (SCPMA)	$ 60	$ 60	$ 60	√
South Orange County Economic Coalition (SOCEC)	$ 1,630	$ 1,630	$ 1,630	√
Southern California Water Coalition (SCWC)	$ 1,020	$ 1,020	$ 1,020	√
Urban Water Institute	$ 1,326	$ 1,326	$ 1,326	√
Water Environment Federation	$ 55	$ 55	$ 55	√
Subtotal Cost Center 12	$ 71,401	$ 69,439	$ 74,821	
Subtotal - Elective Participation	**$ 71,741**	**$ 69,779**	**$ 74,881**	
International Association of Emergency Managers	$ 460	$ 390	$ 390	√
AWWA CA/NV Sec Spring 2023		294	$ 196	√
California Emergency Services Association	$ 390	$ 205	$ 294	√
WEROC Program Total	850	889	880	
GRAND TOTAL - General Fund	**$ 143,041**	**$ 140,295**	**$ 145,847**	

Exhibit E

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Summary of Proposed Staff Registration & Travel Budget [1]

Fiscal Year 2022-2023

Conference / Meeting	Location/Date/Staff	Registration	Travel [1]	Approval included in Budget Approval
Association of California Water Agencies (ACWA)	DC Conference, July 12-14, 2022	$ 4,400	$ 8,100	√
	DC Conference, February 2023	$ 4,400	$ 10,800	√
	Fall Conference, Nov. 29 - Dec. 2, 2022, Indian Wells, Ca	5,960	4,000	√
	Spring Conference, TBD	4,470	6,000	√
	Region 10, TBD	80		√
	Legislative Symposium, Sacramento,TBD	285	600	√
Association of California Cities- Orange County (ACCOC)	Sacramento, TBD	1,600	1,000	√
	Washington DC, TBD	5,100	3,000	√
Association of Metropolitan Water Agencies(AMWA)	Misc. Conference TBD	950	1,800	√
	Water Policy Conference TBD	950	1,800	√
	Executive Mgmt Conference, Oct. 30-Nov.2, 2022, Savannah, Georgia	950	1,800	√
American Water Works Association (AWWA)	Cal Nevada Fall Conference, Oct 24-26, 2022 Sacramento,	1,750	1,200	√
	Cal Nevada Section Annual Conference, San Diego, Ca TBD	1,750	1,600	√
	Sustainable Water Management TBD	575	1,200	√
California Association of Public Information Officials (CAPIO)	Annual Conference, TBD	1,120	2,250	√
Cal Desal	Annual Conference, TBD	250	500	√
California Environmental Literacy Initiative	Sacramento Ca,TBD		1,500	√
California Employees Public Retirement System(CalPERS)	Annual Employer Education Forum, 2022, November 1-3, 2022, Anaheim Ca	800		√
California Municipal Utilities Association (CMUA) Capitol Days	Capital Days, Sacramento, TBD	195	800	√
California Municipal Utilities Association (CMUA) Annual Conference	Annual Conference, April 16-18, 2023, Sacramento, Ca	900	800	√
Colorado River Water Users Association (CRWUA)	Annual Conference, December 14-16, 2022 - Las Vegas, NV	2,020	2,400	√
California Special Districts Association (CSDA)	Legislative Days, Sacramento, May 2023	275	800	√
	Annual Spring Conference, August 22-25, 2022, Palm Springs, Ca	500	800	√
California Water Efficiency Partnership (CalWEP) Membership(fmr: CUWCC)	Membership Meetings, 1=No. Cal & 2=So. Cal		600	√
	Board Meetings, 2=No. Cal & 2=So. Cal		450	√
	Peer to Peer, TBD	2,250	2,925	√
Department of Water Resources Education Committee	Sacramento,TBD		2,500	√
Department of Water Resources (DWR)/State Water Resources Control Board (SWRCB)	Urban Advisory Group Meetings, Sacramento		1,600	√
Legislative Advocacy	Sacramento		6,000	√
	Washington DC		8,000	√
Liebert, Cassidy Whitmore	Annual Public Sector Conference, TBD	1,200		√
Multi-State Salinity Coalition	Annual Salinity Summit, February 2023, Las Vegas, NV	300	800	√
Orange County Business Council (OCBC)	Advocacy, Sacramento, TBD	900	3,200	√
	Advocacy, DC, TBD	3,600	1,600	√
Public Relations Society of America	Annual Conference, TBD	1,900	1,000	√
Urban Water Institute	Fall Conference, TBD	1,300	400	√
	Spring Conference, TBD	975	1,500	
Water Smart Innovations	Annual Conference, Las Vegas NV, TBD	1,000	3,000	
Miscellaneous*		3,500	4,000	√
	General Fund Total **	**$ 56,205**	**$ 90,325**	
Conferences/Meetings/Trainings				
International Assoc. of Emergency Managers	Savannah, GA November 11-17, 2022	$ 1,500	$ 4,850	√
California Emergency Services Association (Fall)	TBD Northern California	1,200	3,450	√
AWWA CA/NV Section	Spring 2023, TBD	500	1,200	√
	WEROC Program Total	**$ 3,200**	**$ 9,500**	
PROPOSED GENERAL FUND BUDGET		$ 56,205	$ 90,325	

* Includes OCWA lunch meetings, ISDOC, OCBC, SCWC, League of Cities, Misc. Assoc/Committee meetings and related business meeting expenses.

** Excludes automotive mileage.

(1) Includes all modes of travel (except automotive mileage), room accommodations, meals, and related misc. expenses.

Exhibit F

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Summary of Proposed Board Registration & Travel Budget (1)

Fiscal Year 2022-2023

Conference	Location/Date/Directors	Registration	Travel (1)	Approval included in Budget Approval
Association of California Water Agencies (ACWA)	DC Conference, July 12-14, 2022	$ 2,200	$ 5,400	√
	DC Conference, February 2023	$ 2,200	$ 5,400	
	Fall Conference, Indian Wells, Nov. 29 - December 2, 2022	$ 3,725	$ 2,500	√
	Spring Conference,TBD	$ 2,235	$ 3,000	√
	Region 10, TBD	$ 80		√
Association of California Cities- Orange County (ACCOC)	Sacramento, TBD	$ 800	$ 500	√
	Washington DC, TBD	$ 2,550	$ 1,500	√
American Water Works Association/Water Environment Federation (AWWA/WEF)	Utility Management Conference, TBD	$ 875	$ 1,200	√
Bond Buyers	Conference, TBD	$ 300	$ 200	√
California Special Districts Association (CSDA)	Legislative Days, Sacramento, May 2023	$ 275	$ 800	√
Cal Desal	Annual Conference, TBD	$ 2,500	$ 2,500	√
Colorado River Water Users Association(CRWUA)	Annual Conference, December 14-16, 2022, Las Vegas, NV	$ 1,515	$ 1,800	√
Legislative Advocacy	Sacramento		$ 1,500	√
	Washington DC		$ 2,000	√
Orange County Business Council (OCBC)	Advocacy Trip, Sacramento, TBD	$ 950	$ 500	√
	Advocacy Trip-DC, TBD	$ 1,800	$ 800	√
Urban Water Institute	Fall Conference, TBD	$ 975	$ 300	√
	Spring Conference,TBD	$ 975	$ 1,500	√
Miscellaneous*		$ 1,200	$ 1,500	√
TOTAL**		$ 25,155	$ 32,900	
PROPOSED GENERAL FUND BUDGET		$ 25,155	$ 32,900	

* Includes OCWA lunch meetings, ISDOC, OCBC, SCWC, League of Cities, Misc. Assoc/Committee meetings and related business meeting expenses.

** Excludes automotive mileage.

(1) Includes all modes of travel (except automotive mileage), room accommodations, meals, and related misc. expenses.

Exhibit G

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Proposed Total Membership that Includes Registration & Travel Costs(1)

Fiscal Year 2022-2023

Conference / Meeting	Membership	Registration	Travel	Total
American Water Works Assoc./Water Env. Federation (AWWA/WEF)	$ 1,855	$ 4,950	$ 5,200	$ 12,005
Association of California Cities- Orange County (ACCOC)	5,100	10,050	6,000	$ 21,150
Association of Calif. Water Agencies (ACWA)	23,000	30,035	45,800	$ 98,835
Association of Metropolitan Water Agencies (AMWA)	21,876	2,850	5,400	$ 30,126
Cal Desal	5,100	2,750	3,000	$ 10,850
California Association of Public Information Officers (CAPIO)	825	1,120	2,250	$ 4,195
California Environmental Literacy Initiative	600		1,500	$ 2,100
California Municipal Utilities Association (CMUA)	6,480	1,095	1,600	$ 9,175
California Special Districts Assn. (CSDA)	8,100	1,050	2,400	$ 11,550
California Water Efficiency Partnership (CalWEP)	6,030	2,250	3,975	$ 12,255
Colorado River Water Users Assn. (CRWUA)	100	3,535	4,200	$ 7,835
Department of Water Resources (DWR)	1,500		4,100	$ 5,600
Orange County Business Council (OC Chamber)	5,250	7,250	6,100	$ 18,600
Public Relations Society of America	1,340	1,900	1,000	$ 4,240
Urban Water Institute	1,326	4,225	3,700	$ 9,251
Grand Total for Memberships with Conferences/Travel:	$ 88,482	$ 73,060	$ 96,225	$257,767

(1) Includes all modes of travel (except automotive mileage), room accommodations, meals, and related misc. expenses.

Exhibit H

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Schedule of Capital Expenditures
Fiscal Year 2022-2023

	Proposed Budget	Approval included in Budget Approval
Furniture and Fixtures- 19-8810:		
MWDOC Office Improvements (Wall Displays, Copier, Kitchen Remodel)	$ 76,000	√
Subtotal 8810 Improvements	$ 76,000	
Building Improvements- 19-8811:		
Shade Structures/Kitchen Remodel/Design Fees/Window Coverings	$ 246,600	√
Subtotal 8811 Improvements	246,600	
New Realized Costs - Cost Center 19	**$ 322,600**	
Water Loss Control- 70-8810:		
Leak Det. Equip(3XSewerin Aqua Test T10 Ground Mic's)	$ 32,280	√
Total - Cost Center 70	**$ 32,280**	

Exhibit J
Professional / Special Services Authorized
Core Fund

Department	Consultant	Service	Budget FY 21-22	Budget FY 22-23	* Approval included in Budget Approval
Engineering Expenses					
Planning & Operation (21)	CDR	GIS Retail & Division Boundary Corrections	0	15,000	√
	CDM Smith	Economic Studies/Reliability Study	50,000	100,000	√
	(To be determined)	On Call Work	75,000	10,000	
	Hazen, Ed Means Consulting	EOCF#2 Emergency Pilot	75,000	150,000	√
		Total Planning & Operations Expenses	**200,000**	**275,000**	
Met Issues & Special Projects (23)	Ed Means Consulting	Consulting on MET issues	30,000	25,000	√
	(To be determined)	Financial & Rate Consulting	75,000	35,000	
	(To be determined)	MET and Reliability Planning (IRP & Delta)	75,000	50,000	
	(To be determined)	Financial Model for MWD	0	25,000	
		Total MET Issues & Special Projects Expenses	**180,000**	**135,000**	
		Total Engineering Expenses	**380,000**	**410,000**	
Legal Expenses					
Administration (11 & 13)	Best, Best & Krieger	General Legal Counsel Services	200,000	210,000	√
	Aleshire & Wynder	Legal Counsel Services Regarding San Diego CWA	15,000	15,750	√
	Best, Best & Krieger	Labor Counsel Services	10,000	10,000	√
		Total Legal Expenses	**225,000**	**235,750**	
Audit Expenses					
Finance (41)	Vasquez & Company LLP	Annual Financial Audit and Federal Single Audit	30,220	-	√
	(To be determined)	Annual Financial Audit and Federal Single Audit	-	35,000	
Training					
Administration (13)	Cal State University Fullerton/Municipal Resources Group/Centre for Organization Effectiveness	Staff Development/Technical Training/Leadership Training	50,000	45,000	√
Professional Fees					
Administration (12 & 13 & 19)	Economic Group Pension Services (EGPS) formerly Dissinger Associates	Pension Plan Administration	4,000	4,000	√
	IGOE	Cafeteria Plan Administration	660	700	√
	Gladwell Services	Records Management Consulting	1,200	1,200	√
	Health Equity	Health Equity	100	125	√
Governmental Affairs (31)	BBK Legislation	State Legislative Advocate	96,000	96,000	√
	Lewis Consulting	County Issues Consulting	42,000	-	√
	Soto Services	Grant Research and Acquisition Assistance	39,000	39,000	√
	Ackerman	Legal and Regulatory	36,000	42,000	√
	Natural Resource Results	Federal Legislative Advocate	96,000	96,000	√
Public Affairs (32)	Stetson Engineers	Consumer Confidence Report (CCR) Technical Water Quality Advisor	43,449	50,000	√
	So Cal Water Coalition	Delta Conveyance Program Support	30,000	30,000	√
	(To be determined)	Collateral materials update and resolutions/proclamations	4,500	5,000	
	(To be determined)	Event Registration Fees	12,500	-	
	Hashtag Pinpoint	Strategic Digital Outreach Contract	95,000	95,000	√
	(To be determined)	CA Water, Energy & Education Alliance	5,000	-	
	(To be determined)	Polling Public Sentiment Analysis	-	25,000	
	(To be determined)	Education Initatives	-	35,000	
	(To be determined)	Website Research	-	50,000	
	(To be determined)	Wyland Mayors Challenge	10,000	10,000	
	PSAV	Special Events AV Support	20,000	51,000	√
	(To be determined)	Advertising	20,000	20,000	
	(To be determined)	Environmental Literacy Initiative	25,000	-	
	(To be determined)	Scouts Program	7,500	7,500	
WUE - Core (35)	(To be determined)	General WUE Research	75,000	75,000	
	Water Systems Optimization	Water Loss Control Work Grp (WLC)	55,000	55,000	√
	Water Systems Optimization	WLC Business Plan Implementation	25,000	25,000	√
	(To be determined)	Water Conservation Potential Study	100,000	-	
	OC Data Acquisition P/S (OCDAP)	Aerial Imagery and Landscape Measurement Project	-	75,000	√
Finance & IT (41 & 45)	U.S. Bank	Custodial Bank fees	6,500	6,500	√
	CalPERS	CalPERS GASB 68 Report	700	700	√
	Davis Farr	Financial Consulting	15,000	15,000	√
	Demsey Filliger & Assoc., LLC	OPEB Actuarial	750	3,750	√
		Total Professional Fees	**865,859**	**913,475**	

* Approval of the budget constitutes authorization for spending within the policy guidelines set out in Chapter 8, Contracts section of the Administrative code including authorization limitations. A check mark indicates final board approval of the expenditure.

Exhibit J1
Professional / Special Services Authorized
Choice Funds

Department	Consultant	Service	Budget FY 21-22	Budget FY 22-23	* Approval included in Budget Approval
Training					
Water Loss Control (70)	(To be determined)	Water lost training	2,000	8,000	√
Professional Fees					
Water Loss Control (70)	USA Leak Detection	Leak Detection		20,000	√
	Westerley & McCall's	Meter Accuracy Testing	65,000	35,000	√
Water Use Efficiency (62)	Various Printers	Printing of marketing materials for all WUE programs	40,000	40,000	√
	Droplet	Web Based Rebate Processing Platform (Turf & Drip)	30,000	30,000	√
	Droplet	E-Signature Rebate Processing	7,100	7,100	√
	Mission Resource Cnsvr District	Residential Installation Verification Inspections	50,000	50,000	√
School Program (63)	Discovery Cube/Shows That	Assemblies (Elementary School)	290,807	288,310	√
	Bolsa Chica Conservancy	Assemblies (High School)	66,142	63,930	√
	Discovery Cube	Assemblies (Middle School)	45,709	65,441	√
		Total Professional Fees	**594,758**	**579,781**	

* Approval of the budget constitutes authorization for spending within the policy guidelines set out in Chapter 8, Contracts section of the Administrative code including authorization limitations. A check mark indicates final board approval of the expenditure.

Municipal Water District of Orange County

Fiscal Year 2021-2022 Consolidated Budget Summary

	Core & Choice	Water Fund	WUE Grants and Outside Funding	WEROC	AMP Proceeds Agreement Administration	Total with Inter-Fund Transfers	Less Inter-Fund Transfers[1]	Consolidated Budget Total
Revenues:								
Water Sales		$ 175,452,389				$ 175,452,389		$ 175,452,389
Local Resource Program Incentives		(4,136,088)				(4,136,088)		(4,136,088)
Retail Meter Charge	8,357,232					8,357,232		8,357,232
Ground Water Customer Charge	335,385					335,385		335,385
Water Increment Charge	-					-		-
Interest Revenue	220,000	10,500				230,500		230,500
MWDOC's Contribution				260,346		260,346	(260,346)	-
Outside Fundings	-		2,618,752	260,346	11,622	2,890,720		2,890,720
Carryover Funds				-		-		-
Choice Revenue	1,636,669					1,636,669		1,636,669
Miscellaneous Income	3,000					3,000		3,000
Total Revenues	**10,552,286**	**171,326,801**	**2,618,752**	**520,692**	**11,622**	**185,030,153**	**(260,346)**	**184,769,807**
Expenses:								
Water Purchases	-	171,316,301				171,316,301		171,316,301
Salaries & Wages	4,178,542			350,504	3,238	4,532,284		4,532,284
less S & W Reimb. DSC or Recov from Grants	(18,665)			(11,750)		(30,415)		(30,415)
Employee Benefits	1,563,730			125,727	883	1,690,340		1,690,340
Engineering Expense	380,000					380,000		380,000
Professional Fees	1,475,640		2,618,752	-		4,094,392	-	4,094,392
Contribution to Election Reserve	-					-		-
Legal Expense - General	225,000			-	6,000	231,000		231,000
Maintenance Expense	168,400			3,700		172,100		172,100
Insurance Expense	130,000			-		130,000		130,000
Membership / Sponsorship	143,041			850		143,891		143,891
Director Compensation	288,800					288,800		288,800
MWDOC Contribution to WEROC Operations	260,346					260,346	(260,346)	-
MWDOC Contribution to WEROC Capital Improv	-					-	-	-
Others:								-
MWD Representation	165,029					165,029		165,029
Director Benefits	161,248					161,248		161,248
Health Insurance Coverage for Retirees	101,099				-	101,099		101,099
Audit Expense	30,220				-	30,220		30,220
Automotive & Toll Road Expenses	23,050			2,050		25,100		25,100
Conference Expense - Staff	44,560			3,800		48,360		48,360
Conference Expense - Directors	16,845					16,845		16,845
CDR Participation	65,249					65,249		65,249
Business Expense	2,500					2,500		2,500
Miscellaneous Expense	88,381			6,001	-	94,382		94,382
Postage / Mail Delivery	9,243					9,243		9,243
Rents & Leases	1,800			-		1,800		1,800
Outside Printing, Subscription & Books	83,700			1,000		84,700		84,700
Office Supplies	39,000			1,500		40,500		40,500
Computer Maintenance	8,000			5,060		13,060		13,060
Software Support & Expense	84,680			9,300		93,980		93,980
Computers and Equipment	23,450			-		23,450		23,450
Telecommunications Expense	42,840			10,000		52,840		52,840
Temporary Help Expense	5,000					5,000		5,000
Training Expense	52,000			8,200		60,200		60,200
Tuition Reimbursement	5,000					5,000		5,000
Travel & Accommodations - Staff	69,825			4,750		74,575		74,575
Travel & Accommodations - Directors	21,250					21,250		21,250
Depreciation Expense (annualized)	-					-		-
Overhead Expenses billed to AMP and WFC	-					-		-
Overhead Reimbursement	-				-	-		-
MWDOC Building Expense	441,973					441,973		441,973
Contribution to Operating Reserves				-		-		-
Capital Acquisition	267,256			-		267,256		267,256
All Other Expenses	1,853,198	-	-	51,661	-	1,904,859	-	1,904,859
Total Expenses	**10,648,033**	**171,316,301**	**2,618,752**	**520,692**	**10,121**	**185,113,899**	**(260,346)**	**184,853,552**
EFFECT ON RESERVES / FUND BALANCE	**$ (95,747)**	**$ 10,500** [2]	**$ -**	**$ -**	**$ 1,501**	**$ (83,746)**	**$ -**	**$ (83,745)**

1 Adjustment for MWDOC's contributions to other funds.
2 Net change to restricted reserves for Interest revenue.

Municipal Water District of Orange County
Fiscal Year 2022-2023 Consolidated Budget Summary

	Core & Choice	Water Fund	WUE Grants and Outside Funding	WEROC	AMP Proceeds Agreement Administration	Total with Inter-Fund Transfers	Less Inter-Fund Transfers[1]	Consolidated Budget Total
Revenues:								
Water Sales		$ 179,985,126				**$ 179,985,126**		**$ 179,985,126**
Local Resource Program Incentives		(5,507,994)				**(5,507,994)**		**(5,507,994)**
Retail Meter Charge	8,885,401					**8,885,401**		**8,885,401**
Ground Water Customer Charge	367,469					**367,469**		**367,469**
Water Increment Charge	-					**-**		**-**
Interest Revenue	145,971	4,547				**150,518**		**150,518**
MWDOC's Contribution				296,290		**296,290**	(296,290)	**-**
Outside Fundings	-		8,545,274	269,651	4,567	**8,819,493**		**8,819,493**
Carryover Funds				-		**-**		**-**
Choice Revenue	1,757,952					**1,757,952**		**1,757,952**
Miscellaneous Income	3,000					**3,000**		**3,000**
Total Revenues	**11,159,793**	**174,481,679**	**8,545,274**	**565,941**	**4,567**	**194,757,254**	**(296,290)**	**194,460,964**
Expenses:								
Water Purchases	-	174,477,132				**174,477,132**		**174,477,132**
Salaries & Wages	4,429,130			374,337	3,596	**4,807,063**		**4,807,063**
less S & W Reimb. DSC or Recov from Grants	(20,000)			-		**(20,000)**		**(20,000)**
Employee Benefits	1,648,831			132,314	971	**1,782,116**		**1,782,116**
Engineering Expense	410,000					**410,000**		**410,000**
Professional Fees	1,513,256		8,545,274	-		**10,058,530**	-	**10,058,530**
Contribution to Election Reserve	300,728					**300,728**		**300,728**
Legal Expense - General	235,750			-	-	**235,750**		**235,750**
Maintenance Expense	177,456			3,700		**181,156**		**181,156**
Insurance Expense	140,000			-		**140,000**		**140,000**
Membership / Sponsorship	145,847			880		**146,727**		**146,727**
Director Compensation	275,041					**275,041**		**275,041**
MWDOC Contribution to WEROC Operations	296,290					**296,290**	(296,290)	**-**
MWDOC Contribution to WEROC Capital Improv	-					**-**	-	**-**
Others:								**-**
MWD Representation	157,166					**157,166**		**157,166**
Director Benefits	132,976					**132,976**		**132,976**
Health Insurance Coverage for Retirees	94,554				-	**94,554**		**94,554**
Audit Expense	35,000				-	**35,000**		**35,000**
Automotive & Toll Road Expenses	22,943			1,500		**24,443**		**24,443**
Conference Expense - Staff	56,205			3,200		**59,405**		**59,405**
Conference Expense - Directors	25,155					**25,155**		**25,155**
CDR Participation	57,462					**57,462**		**57,462**
Business Expense	2,500					**2,500**		**2,500**
Miscellaneous Expense	72,120			6,200	-	**78,320**		**78,320**
Postage / Mail Delivery	11,300					**11,300**		**11,300**
Rents & Leases	1,800			-		**1,800**		**1,800**
Outside Printing, Subscription & Books	85,000			250		**85,250**		**85,250**
Office Supplies	39,000			1,000		**40,000**		**40,000**
Computer Maintenance	7,000			5,060		**12,060**		**12,060**
Software Support & Expense	150,693			9,800		**160,493**		**160,493**
Computers and Equipment	43,950			-		**43,950**		**43,950**
Telecommunications Expense	43,690			10,000		**53,690**		**53,690**
Temporary Help Expense	5,000					**5,000**		**5,000**
Training Expense	53,000			8,200		**61,200**		**61,200**
Tuition Reimbursement	5,000					**5,000**		**5,000**
Travel & Accommodations - Staff	90,325			9,500		**99,825**		**99,825**
Travel & Accommodations - Directors	32,900					**32,900**		**32,900**
Depreciation Expense (annualized)	-					**-**		**-**
Overhead Expenses billed to AMP and WFC	-					**-**		**-**
Overhead Reimbursement	-				-	**-**		**-**
MWDOC Building Expense	723,077					**723,077**		**723,077**
Contribution to Operating Reserves				-		**-**		**-**
Capital Acquisition	108,280			-		**108,280**		**108,280**
All Other Expenses	2,056,096	-	-	54,710	-	**2,110,806**	-	**2,110,806**
Total Expenses	**11,608,426**	**174,477,132**	**8,545,274**	**565,941**	**4,567**	**195,201,339**	**(296,290)**	**194,905,049**
EFFECT ON RESERVES / FUND BALANCE	**$ (448,633)**	**$ 4,547** [2]	**$ -**	**$ -**	**$ -**	**$ (444,085)**	**$ -**	**$ (444,085)**

1 Adjustment for MWDOC's contributions to other funds.
2 Net change to restricted reserves for Interest revenue.

Attachment B

MWDOC BUDGET SCHEDULE

November 2021

- Notification to Member Agencies of start of budget process and solicitation of input

December 2021

- MWDOC staff begins preparation of budget hours and costs on program and line-item basis
- Review of four month actuals and fiscal year-end projections
- Review budget adjustments for current fiscal year
- Preparation of internal, draft conceptual budget (review changes for upcoming fiscal year

January 2022

- Initial review of budget issues with A&F Committee for feedback **(1-12-22)**
- Initial discussion of budget issues with Member Agencies for feedback
- Request for Member Agencies' preliminary indication of participation in Choice

February 2022

- Publish and post the FIRST DRAFT Budget in the packet for the A&F Committee **(2-4-22)**
- Review Full Draft Budget with A&F Committee **(2-9-22)**
- Formally request comments from all Member Agencies
- DRAFT information completed on prior year Choice WUE program benefits to Member Agencies to serve as basis for charging agencies for the upcoming year for Choice WUE activities
- Member Agencies' INITIAL CONFIRMATION of participation in Choice Services by **February 21**. The Updated Agreement by the end of **March** and after the Elected Officials Meeting
- Discuss FIRST DRAFT Budget at Member Agency Managers' Meeting **(2-17-22)**

MWDOC BUDGET SCHEDULE

• Meet with Member Agencies as requested or scheduled

March 2022
• Revised information completed on prior year Choice WUE benefits to Member Agencies to serve as basis of charging agencies for the upcoming year for WUE activities
• Discuss SECOND DRAFT Budget in A&F Committee **(3-9-22)**
• Review SECOND DRAFT Budget at Member Agency Managers' Meeting **(3-17-22)**
• Update Choice Participation
• Member Agencies' submit Formal Comments about the Budget **(3-25-22)**
April 2022
• Conduct meeting with Elected Officials from Member Agencies to discuss budget and other topics **(4-7-22)**
• THIRD DRAFT Budget and Rates presented to A&F Committee **(4-13-22)**
• Member Agencies' Formal Comments presented to A&F Committee **(4-13-22)**
• Board approval of FY2021-22 FINAL Budget and Rates **(4-20-22)**
June 2022
• Member Agencies confirm final Choice Participation **(6-10-22)**
August 2022
• Reconciliation of FY 2021-22 WUE & Choice Programs
September 2022
• REVISED FINAL Choice Budget presented to A&F Committee **(9-14-22)**
• Board approval of FY2021-22 REVISED FINAL Choice Budget **(9-21-22)**

SINCE 1933

ORANGE COUNTY WATER DISTRICT

ORANGE COUNTY'S GROUNDWATER AUTHORITY

January 11, 2022

Mr. Robert J. Hunter
General Manager
Municipal Water District of Orange County
18700 Ward Street
Fountain Valley CA 92708

SUBJECT: Fiscal Year (FY) 2022-23 Budget Preparation

Dear Mr. Hunter:

The Municipal Water District of Orange County (MWDOC) is in the process of preparing its FY 2022-23 (Fiscal Year Ending 2023, FYE'23) budget and will discuss this issue at the Administration and Finance (A&F) Committee on January 12, 2022.

The budget staff report to the Committee has a section on "Projected Reserve Fund Balances". The Orange County Water District (OCWD or District) would like to provide the following comments on this subject for your Committee's consideration:

1. The staff report states that "…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.". It further states there is a projected $919,741 unfunded total reserve balance, which implies this amount will be added to the reserves over the next 2 budgets but does not indicate the amount recommended for the next year's budget.

2. The District has requested over the last several years that the MWDOC Board engage in discussions with its Member Agencies regarding the MWDOC reserve policy. These requests have been ignored and OCWD asks that the MWDOC reserves remain at current levels until these discussions take place.

We ask that these comments be considered and included in future budget meetings and that this letter be forwarded to your Board prior to tomorrow's Committee meeting.

Thank you for your consideration.

Sincerely,

Michael R. Markus, P.E., D.WRE, BCEE, F.ASCE
General Manager

Cc OCWD Board of Directors
OCWD Groundwater Producers

Santa Ana Watershed Project Authority
OVER 50 YEARS OF INNOVATION, VISION, AND WATERSHED LEADERSHIP
SAWPA

February 2, 2022

Robert Hunter, General Manager
Municipal Water District of Orange County
18700 Ward Street
Fountain Valley, CA 92708

RE: Santa Ana River Watershed Weather Modification Pilot Program Funding Support

Dear Mr. Hunter:

On behalf of the Santa Ana Watershed Project Authority, we appreciated the opportunity for our staff to address the Municipal Water District of Orange County (MWDOC) Planning and Operations Committee on January 3, 2022, about the upcoming SAWPA Santa Ana River Watershed Weather Modification Pilot Program. The pilot program will allow SAWPA to investigate and confirm the level of benefits of a weather modification program for the watershed, which would provide an estimated 8% annual increase (8,200 AF) on average in watershed-wide precipitation and snowpack. This estimate is based on our Santa Ana River Watershed Weather Modification Feasibility Study conducted by SAWPA's consultant, North American Weather Consultants in 2020.

As part of our outreach for the pilot program, we are requesting funding commitments from local agencies in the watershed interested in showing support of the program by helping fund the effort. We would like to request a funding commitment of $20,000 from MWDOC.

This funding, along with other local agency contributions and SAWPA member agency support, will provide the local matching share funds for a 50% grant that SAWPA will be applying for from the State this year. Since the program is not anticipated to commence until November 2022 at the soonest, the $20,000 would not be needed until next FY 2022-2023. As a result, the funding could be provided as either a one-time commitment of $20,000 or can be a commitment of $5,000/per year over the four-year time span of the pilot program.

We look forward to hearing from you regarding this request. If you have any further questions, feel free to reach out to our staff, Mark Norton PE, Water Resources & Planning Manager, at 951-354-4221 or mnorton@sawpa.org.

Sincerely,

Jeffrey J. Mosher
General Manager

11615 Sterling Avenue, Riverside, CA 92503 | 951.354.4220 | www.sawpa.org

MWDOC DEPARTMENT GOALS – FYE 2023
RELIABILITY PLANNING & ENGINEERING

FISCAL YEAR ENDING 2023	
1.	**Reliability & Engineering: Emergency Use of East OC Feeder #2** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: _FYE 2024-25** Complete necessary water quality impact analyses and develop an operating strategy to put local water supplies into the MET system consistent with MET Administrative Code 4519 - Emergency Deliveries of Member Agency Water Supplies in Metropolitan's System. MWDOC has volunteered to be the first 'test case' for the recent policy to allow emergency use of MET pipelines. • Discuss scope and JPA agreement provisions with EOCF#2 JPA members. • Incorporate the MNWD Storage Study results into the process. • OC Hydraulic Model will be used to support this effort • This is likely a 2-3 year effort
2.	**Reliability & Engineering: Reliability Study and Demand Forecast Update** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: __2023** Periodic updates of the OC Water Reliability Study are anticipated as new information becomes available regarding changing conditions and projects. MET is completing the update of its IRP. Information from Economic Studies and the MET IRP will be included in this update.
3.	**Reliability & Engineering: MET Shutdown Planning** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: __2023** Continue to coordinate a number of shutdowns this year and to continue work on phasing of the Allen McColloch Pipeline Prestressed Concrete Cylinder Pipe (PCCP) Rehabilitation Program. • Diemer Shutdown – 7-day plant shutdown to repair a chlorine diffuser pipe – Rescheduled from Feb 2022 • OC Feeder – MET deferred to Sept 15, 2021 – June 15, 2022 due to budget issues • OC Feeder Extension – June 15, 2022 – July 10, 2022 Continue AMP Shutdown Working Group meetings
4.	**Reliability & Engineering: Primary EOC** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: __2023**

	• Support WEROC through completion of design phase of a new Primary EOC building. Notice to Proceed with design issued Nov 23, 2021. • 30% Design and Cost Estimate anticipated in March 2022. Completion of design and cost estimate anticipated in September 2022.
5.	**Reliability & Engineering: GIS – Member Agency and Division Boundary Refinement** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: __2023** Work with LAFCO, CDR, and member agencies to clear up legacy boundary discrepancies. GIS capabilities have greatly improved and both legal and service area boundaries are in need of refinement. Goal is a common basis for legal and service area boundaries going forward.
6.	**Reliability & Engineering: Breakroom & Kitchen Remodel** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: __2023** Provide Project Management support to HR & Administration Department for remodel of the Breakroom and Kitchen.

MWDOC DEPARTMENT GOALS – FYE 2023
METROPOLITAN ISSUES & WATER POLICY

FISCAL YEAR ENDING 2023

1.

MET Issues: Metropolitan's Business Model and Long Term Financial Planning

Status: Completed ___ Ongoing _X_ Delayed ___

Estimated Completion Date: __2023_____

Summary:

As part of the General Manager's Strategic Priorities and the Post IRP Implementation Plan, Metropolitan will engage in reviewing its Business Model ("pay for performance") and its Long Term Financial Plan. This analysis will include its impacts to Metropolitan's future Rates and Charges as well as assess whether modifications to Metropolitan's rate structure are needed. In addition, there will be Cost of Service Assessment on Metropolitan's Regional Recycling Water Project's full scale operation and financial configuration.

MWDOC staff goals are to:

- Attend and participate in all MET workgroup and reports on such financial and rate review.
- Analyze and provide recommendations on the best suited financial configuration that maintains MET's Long Term financial health.
- Encourage modest rate increases so not to financially burden our member agencies and ratepayers.
- Evaluate and analyze the Regional Recycled Water Project's full scale operational and financial configuration once it presented to the Board for consideration

2.

MET Issues: MET's Post-Integrated Resource Planning (Phase 2) Implementation Plan and Adaptive Management Plan

Status: Completed ___ Ongoing _X_ Delayed ___

Estimated Completion Date: _2023_

Summary:

With the expected Metropolitan Board adoption of the 2020 IRP Regional Needs Assessment Report (Phase I) in March, Metropolitan will begin a collaborative IRP implementation phase and adaptive management plan to identify specific actions informed by the needs assessment findings. This phase seeks to bring together imported and local supplies, storage, and demand management plans & activities into one strategic approach. It also expects to monitor core supply conditions, drivers of changes (i.e. population growth, water demands, economic conditions, etc.) as well as track the performance of MET's policies, actions, and programs through a set of metrics to assess whether future actions need to adapt.

MWDOC staff goals are to:

	• Actively engage in all of member agency workgroup, Board and stakeholder discussions on the developing of the Post-IRP implementation phase and adaptive management plan. • Ensure the outcome of these Post-IRP Plans promote a balance reliability portfolio of core water supply development, storage enhancement, local supply development and water use efficiency. • Encourage a clear and efficient implementation strategies to achieve MET's 2020 IRP reliability goals (For example, clear understandable IRP metrics that guide the Board in policy discussions). • Seek input from the MWDOC Board, MET Directors and member agencies on the development of these Post-IRP implementation plans.
3.	**<u>MET Issues: Colorado River Issues</u>** **Status: Completed ___ Ongoing _X_ Delayed ___** **Estimated Completion Date: _2026____** **Summary:** The Department of the Interior declared the first-ever Colorado River Basin water shortage for 2022. The Level 1 Shortage Condition at Lake Mead underscored the value of the collaborative agreements we have in place with the seven basin states, Tribes, water users and Mexico in the management of water in the Colorado River Basin. MET will also startup of discussions on the Colorado River Lower Basin's new interim guidelines. These new guidelines need to be agreed upon by 2026. MWDOC staff goals are to: • Monitor Drought Contingency Plan shortage reductions and water saving contributions. • Monitor and attend key meetings and discussions on the Colorado River new interim guidelines. • Advocate for suitable Colorado River salinity control measures and actions • Encourage and advocate that MET maintains accessibility and reliability of its core Colorado River supplies, as forecasted in its 2020 IRP. • Support MET in having access to its ICS storage during all hydrologic conditions on the Colorado River.
4.	**<u>MET Issues: SWP Delta Conveyance & Infrastructure Improvement Activities</u>** **Status: Completed ___ Ongoing _X_ Delayed ___** **Estimated Completion Date: _Board Decisions in 2023-2024__** **Summary:** Completion of the Environmental work, preferred alignment and Record of Decision (ROD) on the Delta Conveyance Project is in-progress. Draft environmental planning documents planned for public release and review in mid-2022. Then activity will began on which SWP contractors are willing to financially

	participate in the Project. In addition, MET is currently engaged with the State and other water agencies in further expansion and investments in surface storage projects and groundwater water banking program along the California Aqueduct. As well as, make significant capital improvement investments in the SWP dependent areas of the MET system for operational flexibility. MWDOC staff goals are to: • Monitor and attend all key public meetings on the Delta Conveyance Project (DCP) and the Environmental Process. • Financially analyze the cost/benefit of MET's participation in the DCP, as well as its cost impact to MWDOC and the member agencies. • Encourage MET's engagement and investment in further access to storage, in particular its involvement with Sites Reservoir. • Advocate for MET staff to start renegotiate its current storage and banking programs along the SWP to improve its "take" capacity. • Support the prioritization of improving the operational flexibility of the SWP dependent areas of the MET system to ensure a balance reliability to all member agencies.
5.	**MET Issues: Regional Recycled Water Project (RRWP) in Carson** **Status: Completed ___ Ongoing _X__ Delayed ___** **Estimated Completion Date: Cost of Service Assessment in 2022** **Summary:** In partnership with the Sanitation Districts of LA County, MET is developing Regional Recycled Water Project (RRWP) that will purify up to 150 MGD of recycled water to be delivered to groundwater basins and industrial sites throughout the west and central part of LA County as well as Orange County; with the potential to be delivered to two MET treatment Plants (as Direct Potable Reuse, DPR). Prior to full scale Board approval, MET will conduct a Cost of Service Assessment to analyze the project's cost as well as how it will be configured in its rate structure. MWDOC staff goals are to: • Advocated & supported the preparation of environmental documentation and technical studies for the program. • Ensure the option remains available for Orange County to receive water from the RRWP; either directly or indirectly. • Evaluate and analyze the project's full scale operational and financial configuration once it presented to the Board for consideration. • Support the financial partnerships of Southern Nevada Water Authority (SNWA) and the Central Arizona Project (CAP) in the program, including a potentially water exchange program. • Support MET's proposed timeline: Environmental Planning 2021-2024 (in progress) Design and Construction 2024-2031

	Start-up and Operations 2032
6.	**<u>MET Issues: Metropolitan's Drought Resilience & Planning</u>** **Status: Completed ___ Ongoing _X_ Delayed ___** **Estimated Completion Date: __On-going___** **Summary:** As a result of the critically low SWP "Table A" allocations and low levels in Lake Mead these past years, MET plans to review and update their Water Surplus and Drought Management (WSDM) Plan. Changes can include the prioritization of "put and take" of MET storage, the location of storage and other water management actions under surplus and drought conditions. In addition, MET plans to prepare a Severe Drought Assessment that will include three consecutive low SWP "Table A" allocations. MWDOC staff goals are to: • Engage in the analysis of modification to MET's WSDM Plan. The WSDM Plan was last updated in 1999. • Ensure proper signals that result in fair and equitable distribution of water to the MET service area during times of drought allocation and system constraints. • Promote a balance distribution of "put and take" supplies to ensure a regional reliability and operational flexibility. • Identify how MET's Drought Assessment will fit in MWDOC's and our member agency's upcoming State's 2020 Drought Annual Assessment submittal.

MWDOC DEPARTMENT GOALS – FYE 2023
WATER USE EFFICIENCY

FISCAL YEAR ENDING 2023

1.

WUE: Water Use Efficiency Program Implementation

Status: Completed ___ Ongoing _X_ Delayed ___

Estimated Completion Date: ___________

Summary:

Continue to implement a broad variety of WUE Programs, available to all consumers throughout Orange County, with funding support from state and federal grants and Metropolitan's Conservation Credits Program to assist member agencies with compliance with water use efficiency mandates. Consider expanding program offerings based on Member Agency needs.

2.

WUE: Technology Transfer & Research

Status: Completed ___ Ongoing _X_ Delayed ___

Estimated Completion Date: ___________

Summary:

Support Member Agency compliance with WUE regulations by researching and evaluating new water saving opportunities and offer member agencies a variety of choice based services.

- Complete a statistical water savings analysis of the Pressure Regulating Valve Pilot Program

- Begin implementation of the recently completed Water Conservation Potential and Opportunities Study (March 2022) to focus program implementation and maximize water savings opportunities

3.

WUE: Water Loss Control Shared Services

Status: Completed ___ Ongoing _X_ Delayed ___

Estimated Completion Date: ___________

Summary:

Increase subscription rates of Shared Services to assist Member Agencies with compliance of emerging water loss regulations. Consider expanding Shared Services based on Member Agency needs.

4.

WUE: Water Loss Control Technical Assistance

Status: Completed ___ Ongoing _X_ Delayed ___

Estimated Completion Date: ___________

Summary:

	Support member agencies by facilitating one-on-one water loss control technical assistance and compliance with water loss regulations. Consider expanding Technical Assistance based on Member Agency needs.
5.	**WUE: Legislation & Regulatory Process Leadership** **Estimated Completion Date: ___________** **Status: Completed ___ Ongoing _X_ Delayed ___** **Summary:** Utilize MWDOC's research efforts and program implementation experience to guide and influence water use efficiency and water loss legislation, regulation, and the standards setting processes. • For anticipated legislation that would change the indoor water use standard, advocate for an "unintended consequences" study before lowering the standard below 47 gpcd. • If legislation is introduced to lower the outdoor ETF standard below 0.8, advocate that a study be completed prior to lowering the standard.

MWDOC DEPARTMENT GOALS – FYE 2023
WEROC

FISCAL YEAR ENDING 2023	
1.	**WEROC: Enhance Response Readiness** **Status: Completed __ Ongoing __ Delayed ___** **Estimated Completion Date: ___________** **Summary:** Maintain WEROC and OC water and wastewater agencies in a state of readiness to respond to emergency situations. This priority is the foundation to build upon agency resiliency and is on-going. One major component is the implementation of the WEROC Assessment Report action items focusing on key aspects including training, exercises, and updating emergency plans as part of the revision and review schedule in coordination with member agencies.
2.	**WEROC: WEROC Emergency Operation Center Phase 2** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: ___________** **Summary:** Phase 2 involves: • Continue to seek funding from other mechanisms such as grants or appropriation requests. • Once D&E and Costs Analysis is completed, present to the MWDOC Member agencies and MWDOC Board of Directors. • Approval D&E and Cost Analysis for this project to move forward.
3.	**WEROC: Planning and Operational Procedures** **Estimated Completion Date: ___________** **Status: Completed ___ Ongoing ___ Delayed ___** **Summary:** **U**pdate and revision of WEROC Hazard or Functional Specific Annexes or Standard Operating Procedures in line with the WEROC revision schedule including Communications, Drought, Earthquake, and Tsunami. • Review and revisions will be based on lessons learned and best practices from the past year events and coordination efforts with member agencies.

	• Access the changes required by the National Incident Management System biased NIMS Integration Center, as new regulations and requirements will be required in FY 22/23 • Develop a "Just in Time" training guide for the front of the position guides explaining the contents and how to use the binder, and process documents. • Continue to implement the planning and operational recommendations outlined in the WEROC Assessment report. • Conduct training on the new procedures for WEROC EOC Staff. • Conduct training for member agencies on the WEROC Plans and Procedures.
4.	**WEROC: Finish Development and Implementation of the Logistics Plan** **Estimated Completion Date: ___________** **Status: Completed ___ Ongoing ___ Delayed ___** **Summary:** The Logistics Plan will incorporate how personnel, supplies, and equipment are requested, procured, tracked, and supported within the WEROC Organization. • Finalize and implement WEROC Resource Request Process for member agencies, including access to the CalWarn Mutual Assistance Program. • Use the best practices and lessons learned from the WEROC Logistics Workshop conducted in FY 2021-22 to enhance the draft plan. • Incorporate into the 5-year Training and Exercise Plan as an ongoing training to ensure skills and knowledge is not lost. • Maintain Vendor Lists accessible by all water and wastewater agencies as developed jointly with member agencies. • Get every agency to sign as a signatory to the CalWARN agreement to additional resiliency beyond the WEROC agreement.
5.	**WEROC: Training & Test Exercises** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: ____** **Summary:** Maintain the training and test exercise programs to improve the state of readiness, capabilities and resiliency of member agencies by Increase training on basic emergency management. • Update annually the 5-year training and exercise program by incorporating new requirements, changes in the emergency

	management field, National Incident Management System while maintaining on-going training needs specific to the water and wastewater agencies such as water & fuel trailer training, wildland fire safety for field operations staff, mutual aid, conducting initial damage estimate, etc. • Establish a minimum training requirement for new and existing staff. Includes ongoing training and requirements for refresher training • Provide Incident Command System (ICS) and G Series EOC Section Training Courses to member agencies at no cost. *these course average $15,000 - $20,000 each if outsourced, being taught in house. (13 ICS/NIMS/G courses scheduled for FY 22-23) • Conduct at least one regional functional exercise • Conduct a regional workshop/tabletop exercises on communications and coordination. • Conduct a regional workshop/tabletop on wastewater impacts to local jurisdictions.
7.	**WEROC: Information Sharing and GIS Platform** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: ____** **Summary:** Create and implement a GIS dashboard allowing for visibility of information in a none-linear platform using open source information and current in house mapping information and PSPS information.
8.	**WEROC: Cyber Security** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: ____** **Summary:** Implementation and training on the Regional Cyber Security Coordination Annex as part the WEROC EOP. • Train agencies on the plan • Conduct one regional workshop/tabletop on the plan specific • Continue quarterly Cyber Security Working Group meetings.
9.	**WEROC: Business Continuity Plan** **Status: Completed ___ Ongoing ___ Delayed ___**

	Estimated Completion Date: ____ **Summary:** Finish and implement the Business Continuity Plan to ensure commonality with the WEROC Emergency Operations/Response Plan. • Incorporate changes to procedures based on remote work and enhanced telecommuting technology implemented during Covid-19 including digital improvement of documents • Train staff on changes to the BCP • Conduct an in house BCP TTX
10.	**WEROC: Points of Distribution (PODS) – Commodities** **Status: Completed ___ Ongoing ___ Delayed __** **Estimated Completion Date:** **Summary:** Work with the County, water and wastewater agencies by region to establish the responsibilities, process and procedures for Points of Distribution (PODS) for water, and other supplies to residents and businesses. • This is a carryover project from FY 2021. Commodities POD Project has been deferred due to COVID and other priorities outlined in the WEROC Assessment Report. • Meet regionally with waster agency/districts, city and county emergency management personnel to develop regional distribution plans collaboratively. • Complete project implementation expected in FY 2022/2023

MWDOC DEPARTMENT GOALS – FYE 2023
PUBLIC AFFAIRS

FISCAL YEAR ENDING 2023	
1.	**Public Affairs: Develop and promote a more robust Speakers Bureau** **Status: Completed ___ Ongoing __X _ Delayed ___** **Estimated Completion Date: ___________** **Summary:** While this was a goal targeted for the previous fiscal year, the world had other plans with variant surges of the COVID-19 pandemic. Still, presentation materials have been and continue to be created and refined with predeveloped presentation modules on various topics for use by Directors and others. As more in-person events and gatherings become available, PA looks to promote MWDOC's Speakers Bureau through digital correspondence and social media.
2.	**Public Affairs: Website Refresh** **Status: Completed ___ Ongoing __ Delayed ___** **Estimated Completion Date: __Spring 2023____** **Summary:** 5-years after the initial launch of MWDOC's Award Winning Website, PA looks to refresh MWDOC.com using an effective Search Engine Optimization strategy while ensuring ADA compliance and enhancing the District's outreach and communication efforts across all platforms.
3.	**Public Affairs: Polling – Public Sentiment Analysis for Orange County** **Estimated Completion Date: ____Spring 2023__** **Status: Completed ___ Ongoing ___ Delayed ___** **Summary:** With differing views and interests across the Metropolitan service area, including varying opinions and requisites amongst MWDOC member agencies, PA looks to gauge public sentiment regarding water issues in Orange County. In an age of plummeting phone and mail response rates, PA looks to partner with FlashVote, a relatively new way to perform scientific surveys with targeted audiences. The information and data will be critical to MWDOC and our member agencies as we navigate and craft water policy on behalf of the public we serve.
4.	**Public Affairs: Reactivation of Metropolitan Water District Inspection Trips** **Status: Completed ___ Ongoing _X_ Delayed ___** **Estimated Completion Date: _TBD __** The Public Affairs team is preparing for the reactivation of the Metropolitan Water District's Inspection Trip program. In anticipation of the renewed program, the team is refreshing all inspection trip collateral and creating potential guest lists. The design collateral will include save the dates, invitations, confirmation letters, landing pages, and lists of all the materials guests need to attend the inspection trip. Each director will be given a questionnaire about the groups (educators,

	elected officials, industry, community, etc.) and topics they would like to target for their trips. The PA team will create potential guest lists to help align their trips to the desired topic from past interest cards, partners, and other individuals based on each director's preferences.
5.	**Public Affairs: Education Initiatives** **Status: Completed ___ Ongoing _X__ Delayed ___** **Estimated Completion Date: ___________** **Summary:** In a world of uncertainty, MWDOC's Choice School Programs have weathered the pandemic coming out stronger and more viable than ever before. This success has led to MWDOC's staff having prominent voices on statewide education initiatives. Additionally, the Water Energy Education Alliance, or WEEA, continues to make gains in workforce development, leading partners to dedicate resources and staff to prepare the industry for the future better. Through these partnerships and programs, MWDOC will continue to develop plans for all Southern California water agencies to build and bolster viable career pathways for students to the water industry.
6.	**Public Affairs: Drought Outreach** **Status: Completed ___ Ongoing _X_ Delayed ___** **Estimated Completion Date: _As long as Necessary___** **Summary:** This goal was initially established in FYE'22. However, it remains a priority as we move into the next FY. PA will continue producing and distributing communications assets to help Orange County water agencies and partners navigate public inquiries related to ongoing drought conditions. The MWDOC drought webpage will be monitored and updated as needed, the drought media toolkit will be updated and redistributed, and media opportunities will be identified and secured.

MWDOC DEPARTMENT GOALS – FYE 2023
GOVERNMENT AFFAIRS

FISCAL YEAR 2022-2023	
1.	**Government Affairs: Delta Conveyance Project** **Status: Completed ___ Ongoing _X__ Delayed ___** **Estimated Completion Date: _Uncertain at this time_** **Summary:** The Governmental Affairs (GA) Department's role in the Delta Conveyance Project includes: Supporting administrative and/or legislative proposals, including funding, to keep the project moving forward; Working to defeat hostile legislation, all while remaining consistent with policy principles. • Meetings with and educate delegation members on the importance of the project
2.	**Government Affairs: WEROC Emergency Operations Center Funding** **Status: Completed ___ Ongoing _X__ Delayed ___** **Estimated Completion Date: _Unknown at this time__** **Summary:** GA and WEROC are working with MWDOC's federal advocates to identify and secure funding for the construction of the WEROC EOC. Currently we are: • Submit FY 23 Congressionally Directed Spending appropriations requests • Meet with appropriate House members and Senate delegation, and House and Senate appropriations staff • Meet with Homeland Security if needed, and OMB if necessary to educate staff on the merits of the project • Work with delegation members on the state level to submit a budget funding request • Continue outreach to County Board of Supervisors to secure congressionally appropriated American Rescue Act Plan funding
3.	**Government Affairs: Indoor Residential Water Use Standards** **Status: Completed ___ Ongoing _X__ Delayed ___** **Estimated Completion Date: _No later than 2024_** **Summary:** AB 1668 and SB 606 (2018) set the indoor water use standards at 55 GPCD through 2025, and incrementally lower through 2030, only after the Department of Water Resources completes a study of indoor water use, presents it to the Legislature, and allows for adequate stakeholder input. Assembly Member Laura Friedman introduced AB 1434 in 2021, arbitrarily assigning indoor GPCD use before DWR completed their report and presented their findings. That measure was defeated, however, Assembly Member Friedman has indicated that she intends to reintroduce the language with the numbers from the DWR study. MWDOC and the water community as a whole feel that this study fell far short of

	the legislative intent, and will result in unintended consequences. Goals and work include: • Outreach and education regarding the background, history and effects of this proposal to the Orange County delegation and key committee members and staff • Working with stakeholder groups to actively oppose the measure as drafted with the DWR report numbers
4.	**Government Affairs: Outreach and Education** **Status: Completed ___ Ongoing _X__ Delayed ___** **Estimated Completion Date: _This effort is ongoing and has no completion date_** **Summary:** Strengthen outreach efforts to all levels of government and the community This is a core function of the GA department and its success and will continue. Focus on: • Federal, state, and local elected officials • Members and staff of key policy committees • MWDOC member agencies: Outreach to/with - government affairs staff members, MWDOC Member Agency Managers Meetings • MWD and regional agencies • Statewide organizations (ACWA, CMUA, CSDA, etc.) • Regional associations (Chambers, etc.)
5.	**Government Affairs: Colorado River** **Status: Completed ___ Ongoing _X__ Delayed ___** **Estimated Completion Date: _Uncertain at this time_** **Summary**: GA staff, working with NRR will continue to raise the visibility of the salinity control program both at the state level and across the Basin. We will work with partners at the Bureau of Reclamation to make sure they are looking at alternatives to operation of the Paradox Valley Unit while it is offline. In addition, we will work with partners at Metropolitan Water District and the Colorado River Board of California on a lower basin strategy to address the worsening drought. • Work with Met and Colorado River Board to advance changes to salinity program to make it more effective • Engage Congressional delegation to support any related legislation that supports funding and/or policy changes • Monitor discussions around 2026 guidelines and report back on progress

MWDOC DEPARTMENT GOALS – FYE 2023
HUMAN RESOURCES & ADMINISTRATION

FISCAL YEAR ENDING 2023	
1.	**HR & Admin: Performance Management Process** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: June 2023** **Summary:** Complete design and implementation of new performance management process with staff input and participation. Roll out new process and complete a series of Zoom and in person trainings for managers and staff in groups and one-on-one.
2.	**HR & Admin: Staff Development** **Status: Completed ___ Ongoing _X_ Delayed ___** **Estimated Completion Date: June 30, 2023** **Summary:** Continue to encourage growth and development and provide training opportunities for staff at all levels.
3.	**HR & Admin: Office Remodel** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: June 30, 2023** **Summary:** Complete Kitchen Remodel and Trellis Structure Replacement/Repair • The FYI 22-23 Capitol Acquisition and Building Expense Budget includes funding for the MWDOC office kitchen remodel and Trellis repair work. • The kitchen is the last section of the building interior that has not been updated. The plan is to update the appliances and cabinetry that are 28 years old and improve the use of functional space. • The trellis structure in the atrium is in need of repair work or replacement. There is significant termite damage and this has already been treated for termites in the last 10 years.
4.	**HR & Admin: Employee Engagement** **Status: Completed ___ Ongoing _X__ Delayed ___** **Estimated Completion Date: June 30, 2023** **Summary:** In keeping employees focused and working toward consistent goals and objectives, it is important the District understand what motivates employees, keeps them focused and impacts morale. It is important to develop a culture that has established values that everyone adheres to. Values developed by all staff will help to carry out the District's mission, be a part of daily job responsibilities and incorporated into the Performance Management Process and recruitment

	process. Employee Engagement is important in providing consistency in the organization, particularly with the employee demographics changing. As the Performance Management process is implemented HR and the General Manager will work on identifying and incorporating values into the process.
5.	**HR & Admin: Workforce Transition to Office** **Status: Completed ___Ongoing X Delayed ___** **Estimated Completion Date:** **Summary:** The GM and HR will be establishing protocols and procedures for transitioning back to the office. Due to COVID restrictions, the transition has been delayed. As the transition takes place, the District will offer a hybrid work schedule where applicable in an effort to attract and retain employees.
6.	**HR & Admin: Succession Planning** **Status: Completed ___Ongoing X Delayed ___** **Estimated Completion Date: July 31, 2022** **Summary:** This fiscal year with one employee retiring it is important to plan for the recruitment, selection and transition for these positions. • Steve Hedges, Water Use Efficiency Supervisor will be retiring in July 2022. In looking ahead we made some organizational changes during the last two fiscal years transitioning an intern to full-time and promoting an employee to a Senior Analyst position. Over the next year we will look at some reorganization changes within the Water Use Efficiency Department.

MWDOC DEPARTMENT GOALS – FYE 2023
FINANCE & IT

FISCAL YEAR ENDING 2023	
1.	**Finance & IT: IT Audit Implementation and Systems Security & Testing** **Status: Completed ___ Ongoing _X_ Delayed ___** **Estimated Completion Date:_____N/A** **Summary:** MWDOC is having a third party IT systems audit conducted. The results of that audit will be implemented in FYE'23. The results of the audit will determine the appropriate re-evaluation period. Systems and security are on-going items that requiring continuing evaluation and upgrades. To provide a safety net, testing will be performed annually to ensure our data can be restored in an emergency. • CrowdStrike is being used to detect and mitigate any cyber security issues • KnowBe4 internet software has been added to facilitate phishing email and security awareness training programs for staff • New and evolving products and software will continue to be researched to enhance our security We monitor our systems 24/7 by receiving alerts/notifications.
2.	**Finance & IT: Upgrade to Windows 11 and Microsoft Office 365** **Status: Completed ___ Ongoing ___ Delayed ___** **Estimated Completion Date: __FYE 2023** **Summary:** The upgrade of the our software to the latest version will be completed to utilize enhancements and continued Microsoft support.
3.	**Finance & IT: Equipment Replacement Program** **Status: Completed ___ Ongoing _X_ Delayed ___** **Estimated Completion Date: _____N/A** **Summary:** continue scheduled computer replacement, upgrade programs, and replace servers as needed. • This fiscal year we will be replacing the ten laptops we borrowed from WEROC due to the pandemic. They were old laptops that have served their useful life. • Future purchases for IT include updating our servers to stay up on the constantly changing technology, maintain software compatibility and to prevent any crashes from over used and outdated equipment. We also maintain our PC, Laptop and Printer refresh program which replaces these heavily used items every 5 – 6 years.

Municipal Water District of Orange County
Director's Activity Report
Reporting Period from 07/01/2021 to 12/31/2021

Activity Description	MWDOC Director's Dick	MWDOC Director's McVicker	MWDOC Director's Nederhood	MWDOC Director's Seckel	MWDOC Director's Tamaribuchi	MWDOC Director's Thomas	MWDOC Director's Yoo Schneider	Subtotal	MET Director's Ackerman	MET Director's Dick	MET Director's Erdman	MET Director's Tamaribuchi	Subtotal	Director's Total
Per Diem														
MWDOC Committee & Board mtg	8,841	9,823	9,496	10,150	9,495	9,495	9,823	67,123	2,292	655	3,274	-	6,221	73,344
MET Committee & Board mtg	327	1,637	327	-	-	-	-	2,291	8,841	6,876	7,858	7,858	31,433	33,724
Meetings with Member Agencies	327	-	2,292	327	1,637	655	5,566	10,804	-	-	-	-	-	10,804
Other Misc meetings & activities	5,566	8,186	7,203	7,858	5,894	9,496	4,257	48,460	7,203	8,513	7,531	8,186	31,433	79,893
Benefits	10,392	10,830	2,055	1,916	2,465	10,770	10,802	49,230	1,920	1,604	1,967	1,604	7,095	56,325
Subtotal-Per Diem	25,453	30,476	21,373	20,251	19,491	30,416	30,448	177,908	20,256	17,648	20,630	17,648	76,182	254,090
Travel, Conferences & Misc. (1)														
ACWA	-	235	743	770	725	235	235	2,943	-	-	-	-	-	2,943
CRWUA	-	-	1,349	-	-	1,387	-	2,736	-	-	-	-	-	2,736
Urban Water Institute	-	-	325	-	-	325	-	650	-	-	-	-	-	650
So Cal Water Committee	-	-	300	-	-	-	-	300	-	-	-	-	-	300
Other Travel Expenses	-	-	65	36	-	-	-	101	-	-	-	-	-	101
Mileage	11	-	243	81	34	-	-	369	-	-	-	-	-	369
Subtotal-Travel, Conferences & Misc.	11	235	3,025	887	759	1,947	235	7,099	-	-	-	-	-	7,099
Total	25,464	30,711	24,398	21,138	20,250	32,363	30,683	185,007	20,256	17,648	20,630	17,648	76,182	261,189

(1) Includes conference registration, travel, lodging, meals, transportations, mileage and other miscellaneous related costs; does not include Per Diem.

2/3/2022

Item 5

Item 6

Municipal Water District of Orange County

Semi-Annual Comparison for Overtime Hours Worked

for the six-month periods ending Dec 2021 and 2020

Employee	7/1/2021 - 12/31/2021 Hours Worked	7/1/2021 - 12/31/2021 Dollar Equivalent (1)	7/1/2020 - 12/30/2020 Hours Worked	7/1/2020 - 12/30/2020 Dollar Equivalent (1)
Antony-Morr, Andrea	17.00		0.00	
Davanaugh, Katie	0.00		2.50	
Fahl, Beth	3.50		0.00	
Gunawan, Lina	15.00		44.00	
Harrison, Daniel	63.75		27.50	
Roberto, Bryce	12.00		0.00	
Roberts, Judy	23.00		11.00	
Snow, Mary	0.00		2.00	
Vincent, Katie	30.25		0.00	
Waite, Rachel	50.00		33.00	
Wilson, Sarah	14.25		5.75	
TOTAL	**228.75**	**$15,303**	**125.75**	**$ 8,588**

(1) Dollar equivalent calculated at 1.5 x hourly rate
(2) Overtime hours at straight time

Item No. 7

INFORMATION ITEM
February 9, 2022

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

FROM: **Robert Hunter, General Manager**

Staff Contact: Cathleen Harris

SUBJECT: **ANNUAL AUTO ALLOWANCE REPORT**

STAFF RECOMMENDATION

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

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

DETAILED REPORT

In accordance with the District's Auto Allowance Policy, the General Manager shall submit an annual report to the Administration and Finance Committee listing employees that receive an auto allowance and any exceptions to the provisions of the policy. The following positions are currently receiving monthly auto allowances in the amount of $500:

Title
Director of Water Use Efficiency
Director of Public Affairs
Governmental Affairs Manager
Director of Emergency Management
Assistant General Manager
Director of Engineering/District Engineer

The General Manager receives a monthly car allowance in the amount of $750.

Budgeted (Y/N): Y	Budgeted amount: $45,000	Core X_	Choice __
Action item amount: NA	Line item: Overhead		
Fiscal Impact (explain if unbudgeted):			

Administration Activities Report

January 7, 2022 – February 4, 2022

Activity	Summary
Administration/ Board	Staff worked on the following: • 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; worked with Public Affairs regarding Agreements • 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 division boundary/census issues • Updated the website • Participated in the office art work committee • Worked with MET staff regarding expense reports • Coordinated OCWA membership • Updated the District Calendars • Worked with Legal Counsel regarding Government Code Section 66016 issues • Coordinated Zoom meetings and solicited availability, set-up and hosted Zoom Meetings for General Manager, Engineering, Public Affairs and Governmental Affairs. • Processed agreements for Governmental Affairs. • Provided assistance to Government Affairs with formatting letters. • Registered Staff and Directors or 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 MWDOC Member Agency Facilitated Discussions and Interviews. • Updated ISDOC 2022 Membership/Directory. • Retrieved presentation PowerPoints, prepared the presentation, agenda and hosted the ISDOC Quarterly Luncheon.

Records Management	Staff worked on the following: • Review incoming mail and log necessary documents into the Laserfiche system. • Review documents and update information in Laserfiche. • Prepared year-end destruction orders. • Met with ECS to discuss possible transition to Laserfiche Cloud.
Health and Welfare Benefits	• Wellness grant incentives will continue for the current fiscal year. • Wage and Benefit statements are currently being prepared and will be distributed by February 10th.
Recruitment / Departures	• Recruiting efforts are underway for an additional Water Loss Control Technician as well as a Water Loss Control Intern. It is anticipated that both positions will be filled in late February.
Projects/ Activities	Staff worked on the following: • Hosted the quarterly OC HR workgroup meeting on January 20th. • Coordinate with the contractor on completing punch list items. • Coordinate with the furniture vendor on punch list items and back order of items to be delivered. • Coordinated with glass wall vendor and completed punch list items. • Coordinated with the sign vendor and completed punch list items. • 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. • Coordinate closely with the Director of Emergency Management on COVID-19 protocols, OSHA ETS and State guidelines. • Coordinate additional office cleanings in the office twice a week. • Hosting of Board, Committee and Department meetings via zoom. • Hold weekly virtual meetings with the Administration Team. • Update changes to the District Act Database and to the District Contacts in Outlook. • Assist with WACO on the following items: Meetings via Zoom, PowerPoint presentations and various correspondence. • Compiling information and reaching out to Cities and water agencies in preparing for the 2022 Orange County Cities and Water Agency Directory. • Administrative staff attended training sessions Excel and Word. • Coordinated the cleaning of all office windows, glass walls and workstation partitions. • Obtained quotes for Board of Director parking signs. • Obtained quotes for HVAC air duct cleaning

Projects/ Activities	• Organized all office keys and scheduled a locksmith to add locks to the privacy room and the new entrance doors as well as repair the employee entrance door lock. • Reviewing current Cyber and Workers Compensation Insurance policies and completing applications for renewal for 22-23. • Met with OCWD staff to review the landscape areas at the building entrance. More details and specifications are needed in order to outline the job specifications and in determining the cost. Staff will be following up and hold another meeting to discuss. • Met with OCWD staff to discuss the current termite issues with the building and the need to move forward with termite remediation sooner than later, while both agencies staff are working remotely. Each agency is going to check with their respective staff on impacts and back up plans in case there is an emergency during the 2 to 3 days that the buildings will not be accessible due to the fumigation. • Coordinating with the landscape company anticipating a landscape refresh in the atrium due to pending termite remediation efforts. • Compiled budget costs for cost centers, 11, 12, 13 and 19 for FY-2022-23 budget. • Researching and evaluating various options in replacing/repairing the wood trellis in the atrium.

Item No. 8b

INFORMATION ITEM
February 9, 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

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 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.	**40%**	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%**	06-30-2022	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
Batteries replacement for UPS	**10%**	06-30-2022	In Progress
Replace 10 computers and monitors for Staff	**100%**	12-31-2021	Completed
Replace End-Of-Life Cisco Voice Gateway router (hardware and software)	**30%**	3-30-2022	In Progress
Upgrade backbone Gigabit network switch (hardware)	**30%**	3-30-2022	In Progress
Software and hardware upgrade for Hyper-V Virtual Server	**30%**	6-30-2022	In Progress
Exchange E-mail Online Migration for the District	**25%**	03/31/2022	In Progress
Critical Security Controls Review by Tevora	**25%**	03/31/2022	In Progress

FY 2021-22 Completed Special Tasks

Description	% of Completion	Completion date	Status
Finance			
Preparation of documents for FY2021-22 revised budget.	**100%**	10-31-2021	Completed
Annual audit of our financial statements. Final audit week of Sept 13th.	**100%**	11-04-2021	Completed
Prepare Annual Financials	**100%**	11-02-2021	Completed
Information Technology			
Upgrade 2 IT laptops for check-out	**100%**	12-31-2021	Completed
Upgrade Conference room 101 and 102 with new Audio/Video equipment.	**100%**	10-31-2021	Completed

INFORMATION ITEM
February 9, 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 MWDOC, and selected water supply information.

- <u>OC Water Usage, Monthly by Supply</u> ***OCWD Groundwater was the main supply in December.***
- <u>Estimated OC Water Usage, Monthly, Comparison to Previous Years</u> Water usage in December ***2021 was <u>below average</u> compared to the last 5 years***. We are projecting a 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.
- <u>Historical OC Water Consumption</u> Orange County M & I water consumption is ***<u>projected</u>*** to be ***529,000 AF in FY 2021-22*** *(this includes ~11 TAF of agricultural usage and non-retail water agency usage).* This is about ***30,000 AF less than FY 2020-21*** and is about ***4,000 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 __
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.***

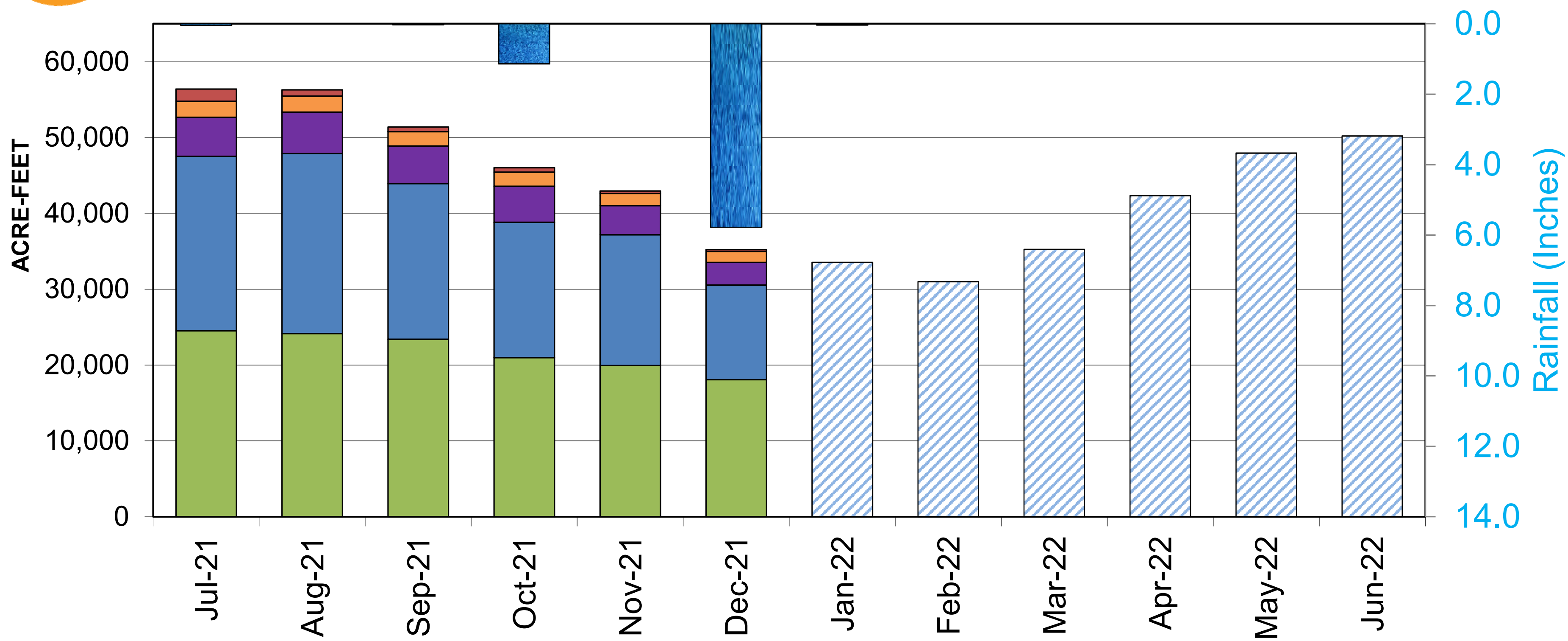
<u>Water Supply Information</u> Includes data on Rainfall in OC; the OCWD Basin overdraft; Northern California and Colorado River Basin hydrologic data; the State Water Project (SWP) Allocation, and regional storage volumes. The data have implications for the magnitude of supplies from the three watersheds that are the principal sources of water for OC. Note that a hydrologic year is Oct. 1st through Sept. 30th.

- <u>Orange County's</u> accumulated precipitation through ***early February was below average*** for this period. Water year to date rainfall in Orange County is ***6.32 inches***, which is ***93% of normal***.

- <u>Northern California</u> accumulated precipitation through ***early February was 114% 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 88% as February 3rd, 2021. As of late 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 was increased in January to 15% for WY 2022.

- <u>Colorado River Basin</u> accumulated precipitation through ***late January was 112% of normal*** for this period. The ***Upper Colorado Basin snowpack was 99% of normal*** as of February 2nd 2021***. Lake Mead and Lake Powell*** combined have about ***45.0% of their average storage volume*** for this time of year and are at ***30.4% 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 February, were ***<u>7.96' BELOW</u> the "trigger" limit***. The USBR has declared a ***<u>shortage on the Colorado River staring January 1st 2022</u>***. ***<u>There is and a 97% chance of shortage continuing in 2023.</u>***

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



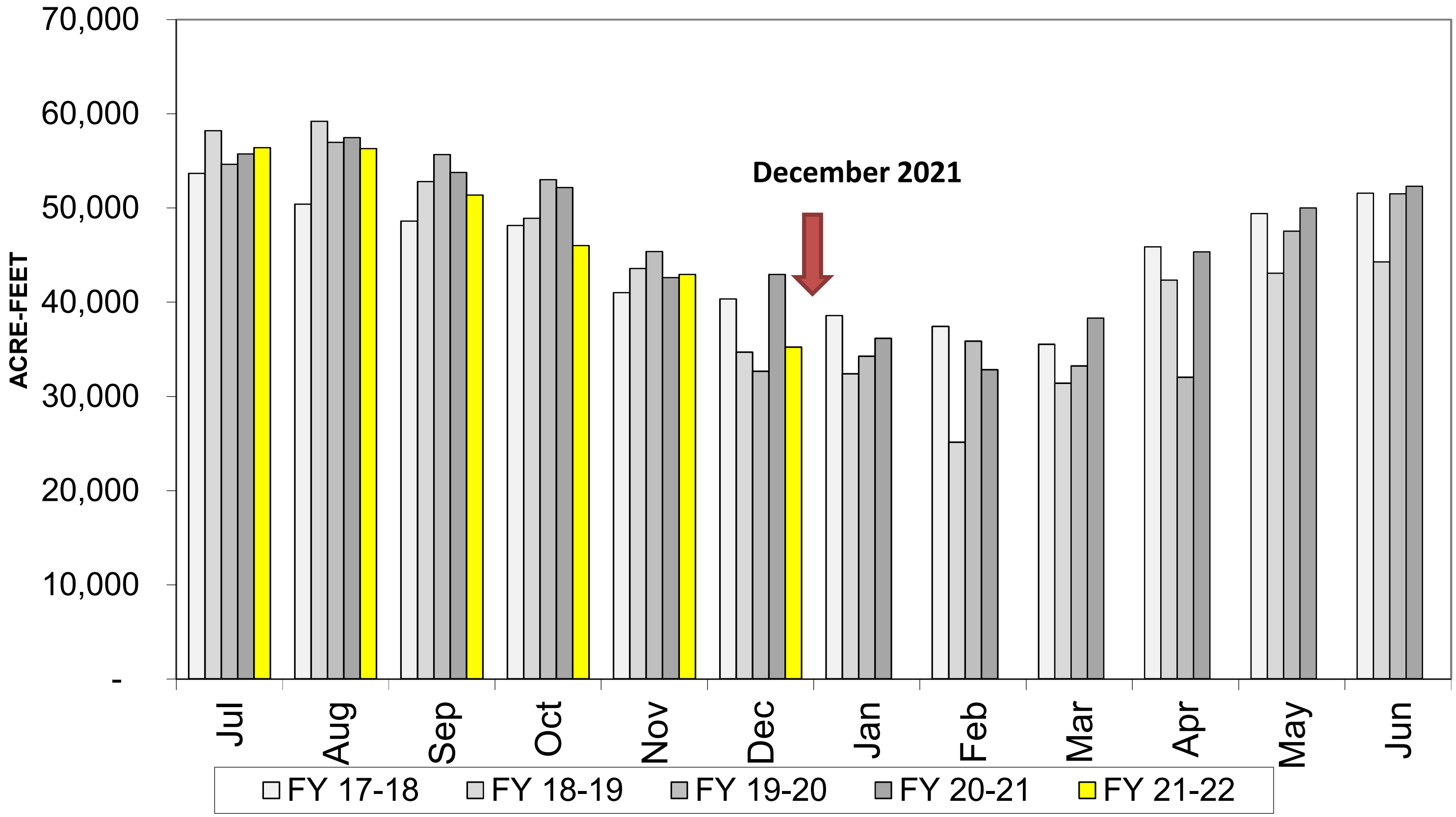
[1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water and deliveries into Irvine Lake.

[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%.

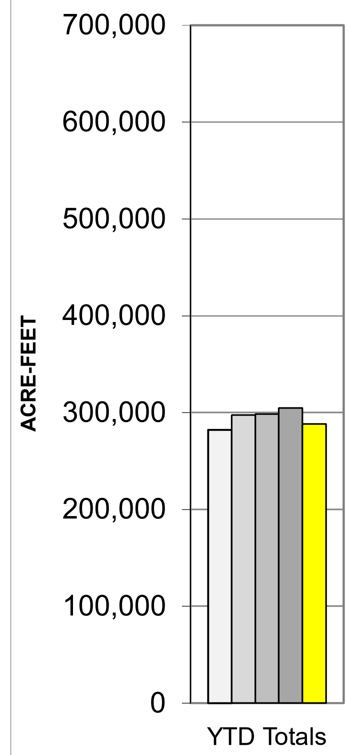
[3] MWDOC's estimate of monthly demand is based on the projected 5 Year historical retail water demand and historical monthly demand patterns.

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

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



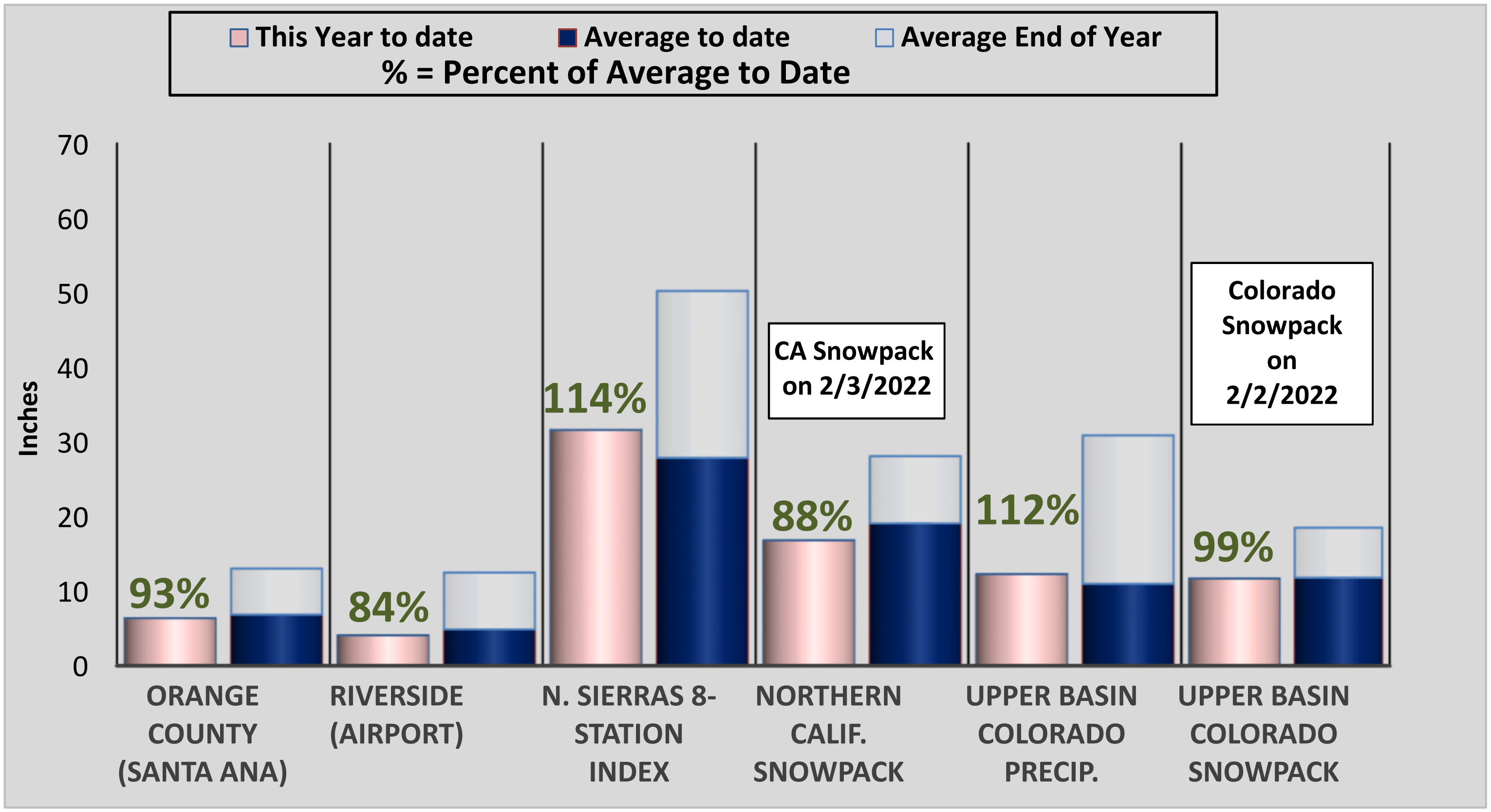
Partial Year Subtotals



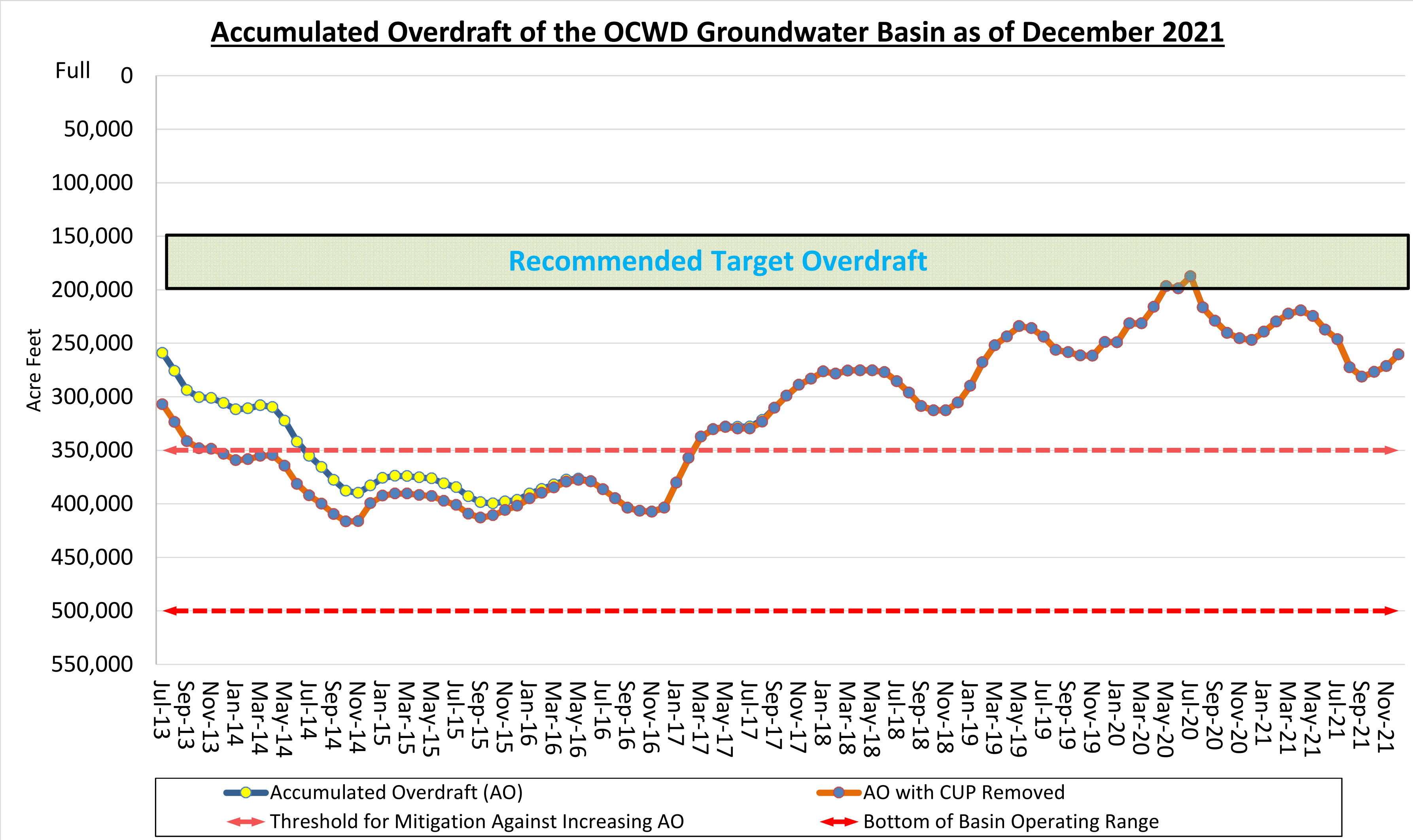
[1] Sum of Imported water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment "and "Barrier Replenishment") and Local water for consumptive use (includes recycled and non-potable water and excludes GWRS production) Recent months numbers include some estimation.

Accumulated Precipitation

for the *Oct.-Sep.* water year, early February 2022



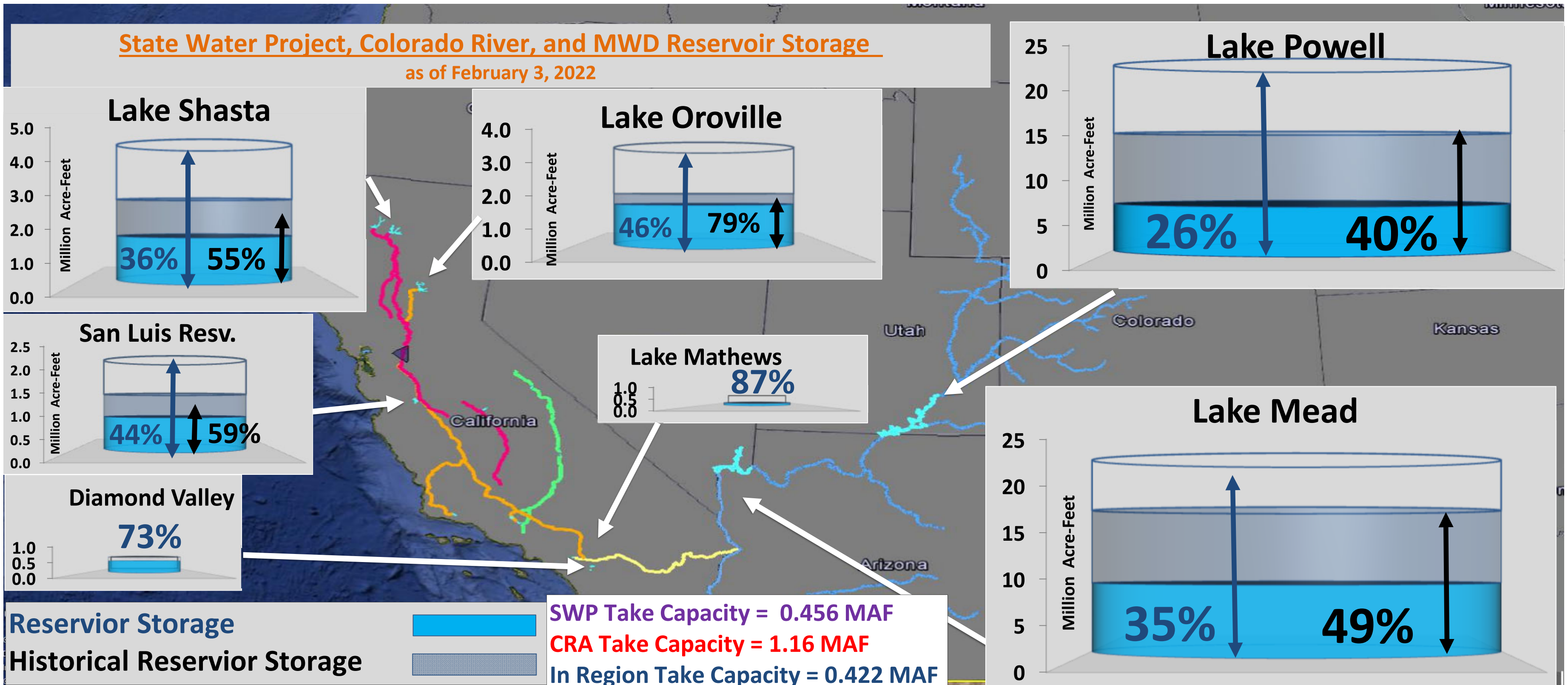
* The date of maximum snowpack accumulation (April 1st in Northern Calif. , April 15th in the Upper Colorado Basin) is used for year to year comparison.



	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						
AO w/CUP removed (AF)	246,350	272,442	281,354	276,909	271,455	260,387						

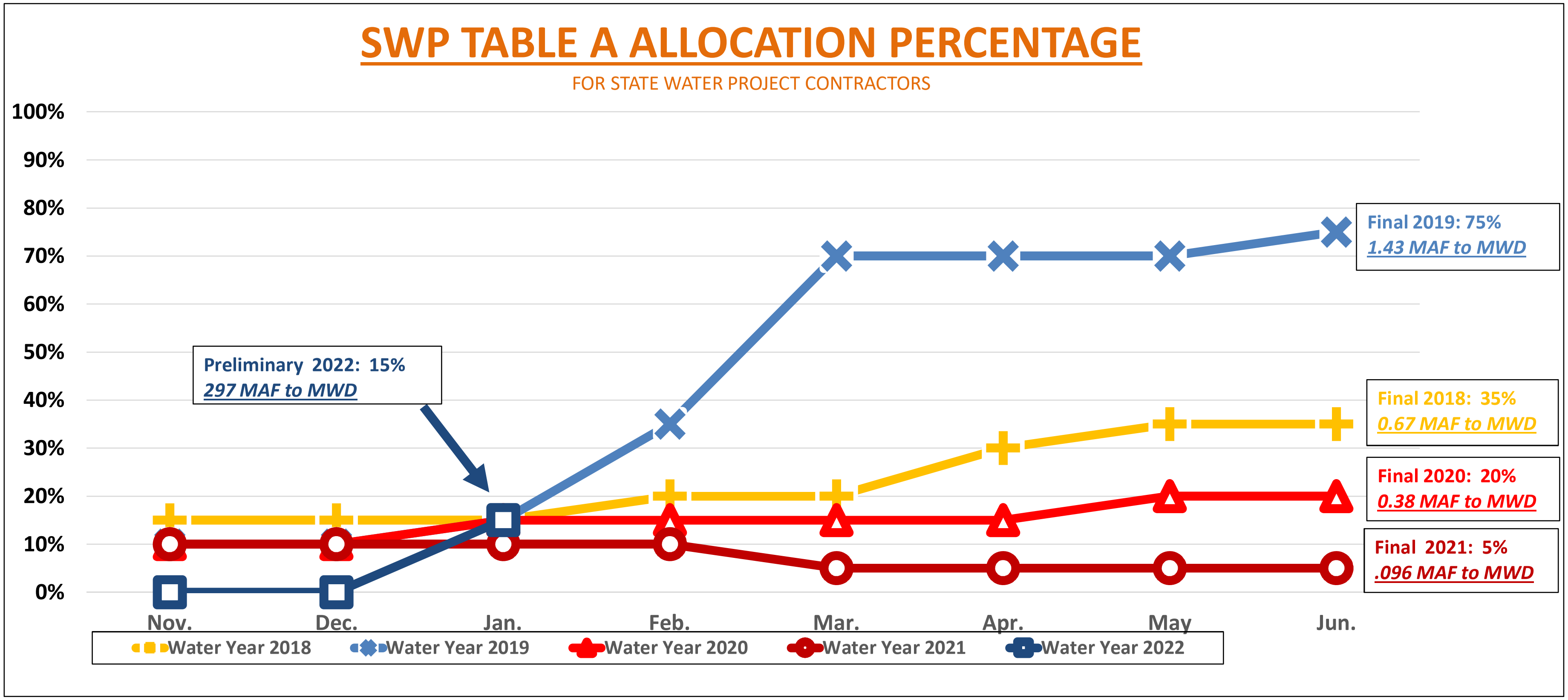
***** Source ~ OCWD Monthly Board of Directors Packet, Water Resources Summary***

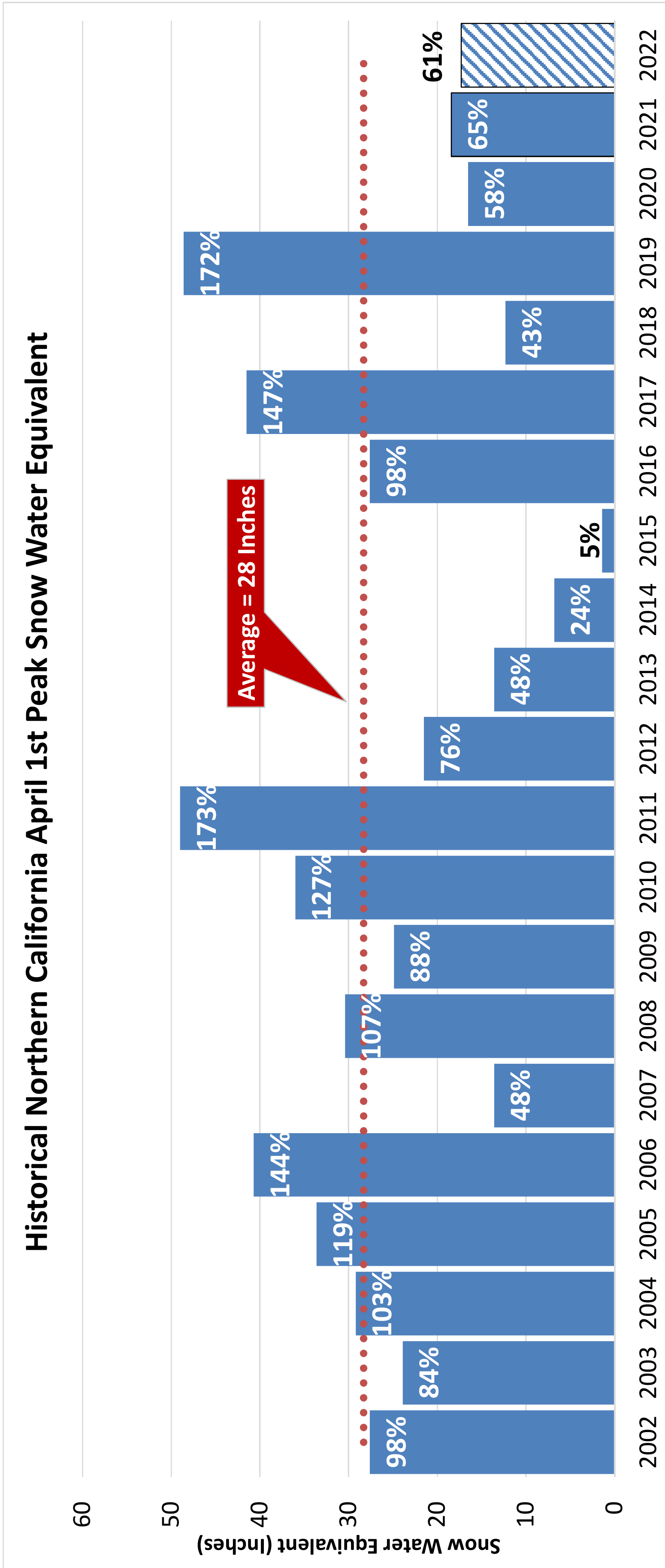
Source of data = OCWD monthly Water Resources Report in Board meeting packet

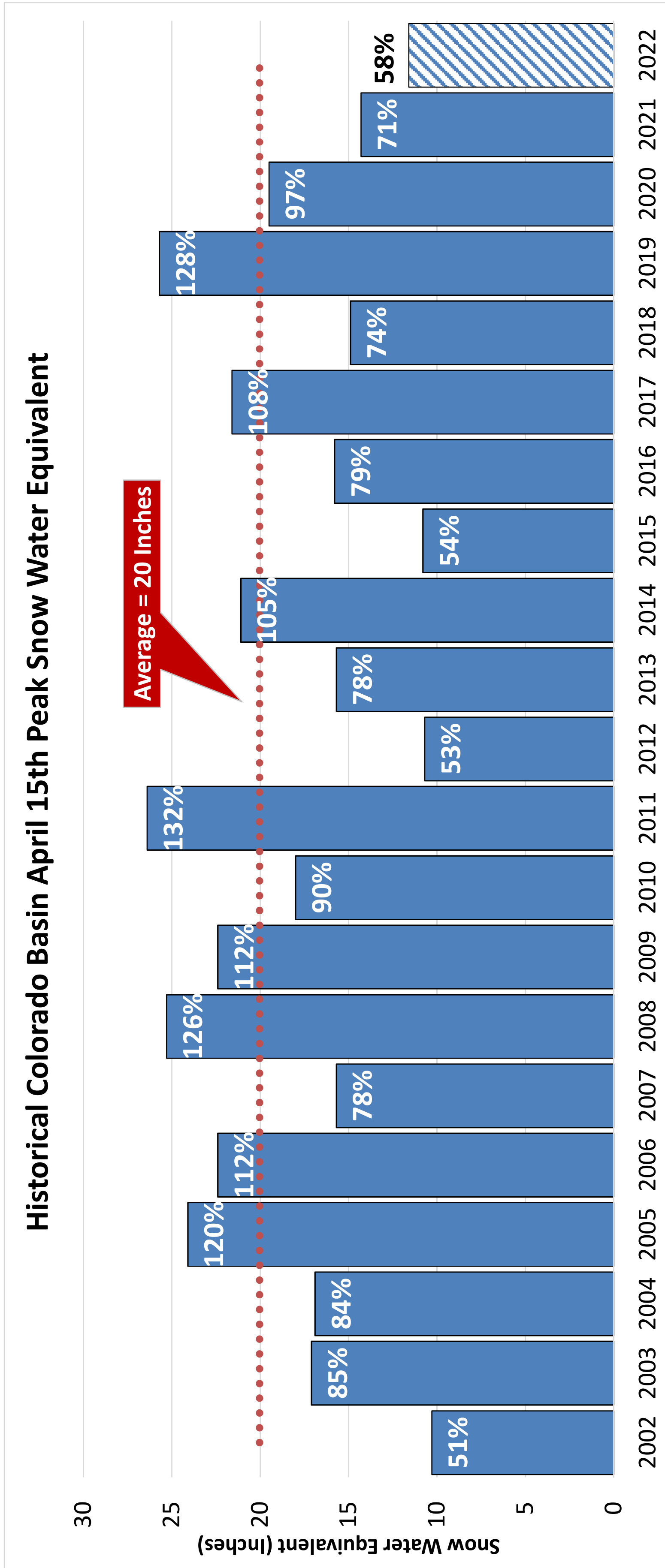


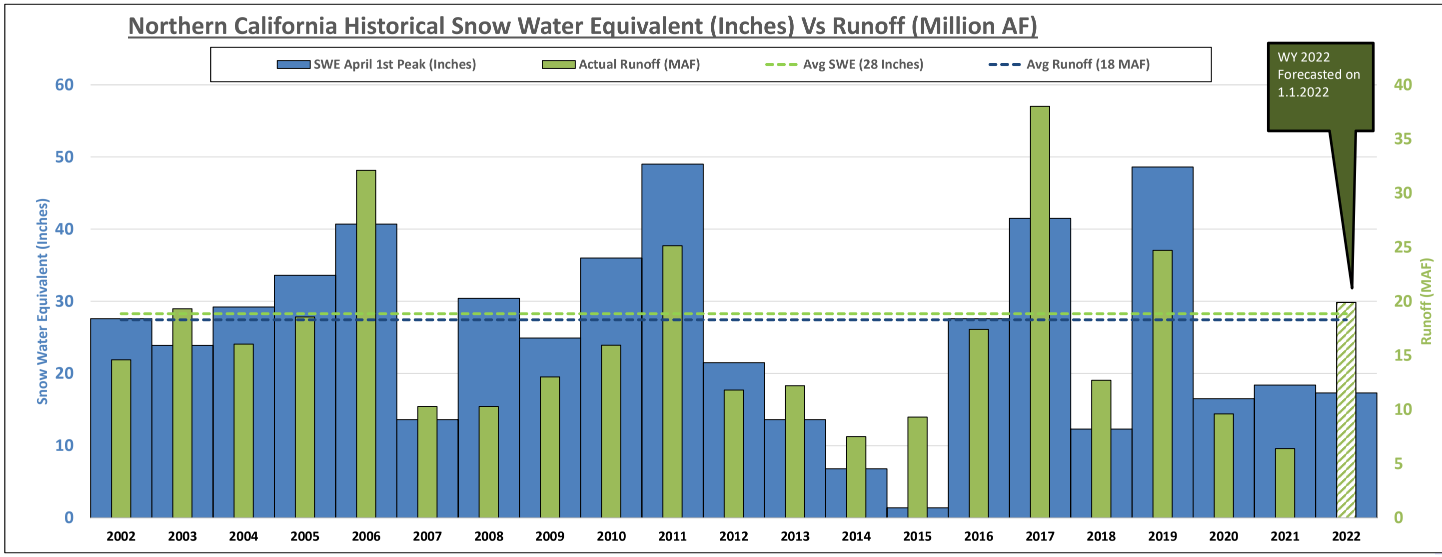
MWDOC

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

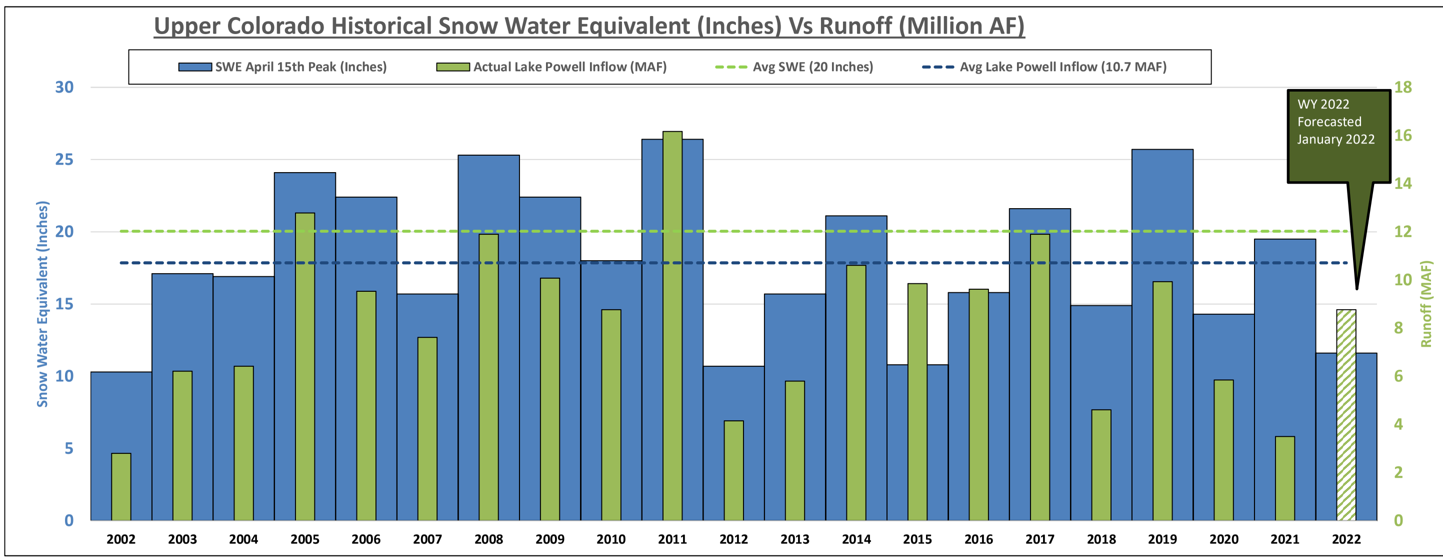

SWP TABLE A ALLOCATION PERCENTAGE
FOR STATE WATER PROJECT CONTRACTORS
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
Nov.
Dec.
Jan.
Feb.
Mar.
Apr.
May
Jun.
Preliminary 2022: 15%
297 MAF to MWD
Final 2019: 75%
1.43 MAF to MWD
Final 2018: 35%
0.67 MAF to MWD
Final 2020: 20%
0.38 MAF to MWD
Final 2021: 5%
.096 MAF to MWD
Water Year 2018
Water Year 2019
Water Year 2020
Water Year 2021
Water Year 2022


Historical Northern California April 1st Peak Snow Water Equivalent
Snow Water Equivalent (Inches)
0
10
20
30
40
50
60
Average = 28 Inches
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
98%
84%
103%
119%
144%
48%
107%
88%
127%
173%
76%
48%
24%
5%
98%
147%
43%
172%
58%
65%
61%


Historical Colorado Basin April 15th Peak Snow Water Equivalent
Average = 20 Inches
Snow Water Equivalent (Inches)
0
5
10
15
20
25
30
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
51%
85%
84%
120%
112%
78%
126%
112%
90%
132%
53%
78%
105%
54%
79%
108%
74%
128%
97%
71%
58%


Northern California Historical Snow Water Equivalent (Inches) Vs Runoff (Million AF)
SWE April 1st Peak (Inches)
Actual Runoff (MAF)
Avg SWE (28 Inches)
Avg Runoff (18 MAF)
WY 2022 Forecasted on 1.1.2022
Snow Water Equivalent (Inches)
Runoff (MAF)
0
10
20
30
40
50
60
0
5
10
15
20
25
30
35
40
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022


Sacramento River Basin
OREGON
CALIFORNIA
Sacramento
Pacific Ocean
San Francisco
Oakland
Stockton
Santa Rosa
Redding
Chico


Upper Colorado Historical Snow Water Equivalent (Inches) Vs Runoff (Million AF)
SWE April 15th Peak (Inches)
Actual Lake Powell Inflow (MAF)
Avg SWE (20 Inches)
Avg Lake Powell Inflow (10.7 MAF)
WY 2022 Forecasted January 2022
Snow Water Equivalent (Inches)
Runoff (MAF)
0
5
10
15
20
25
30
0
2
4
6
8
10
12
14
16
18
2002
2003
2004
2005
2006
2007
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2009
2010
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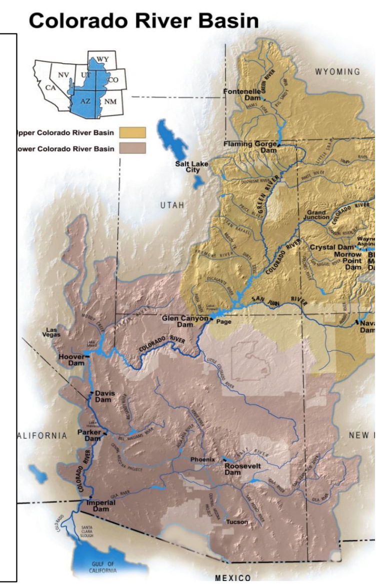
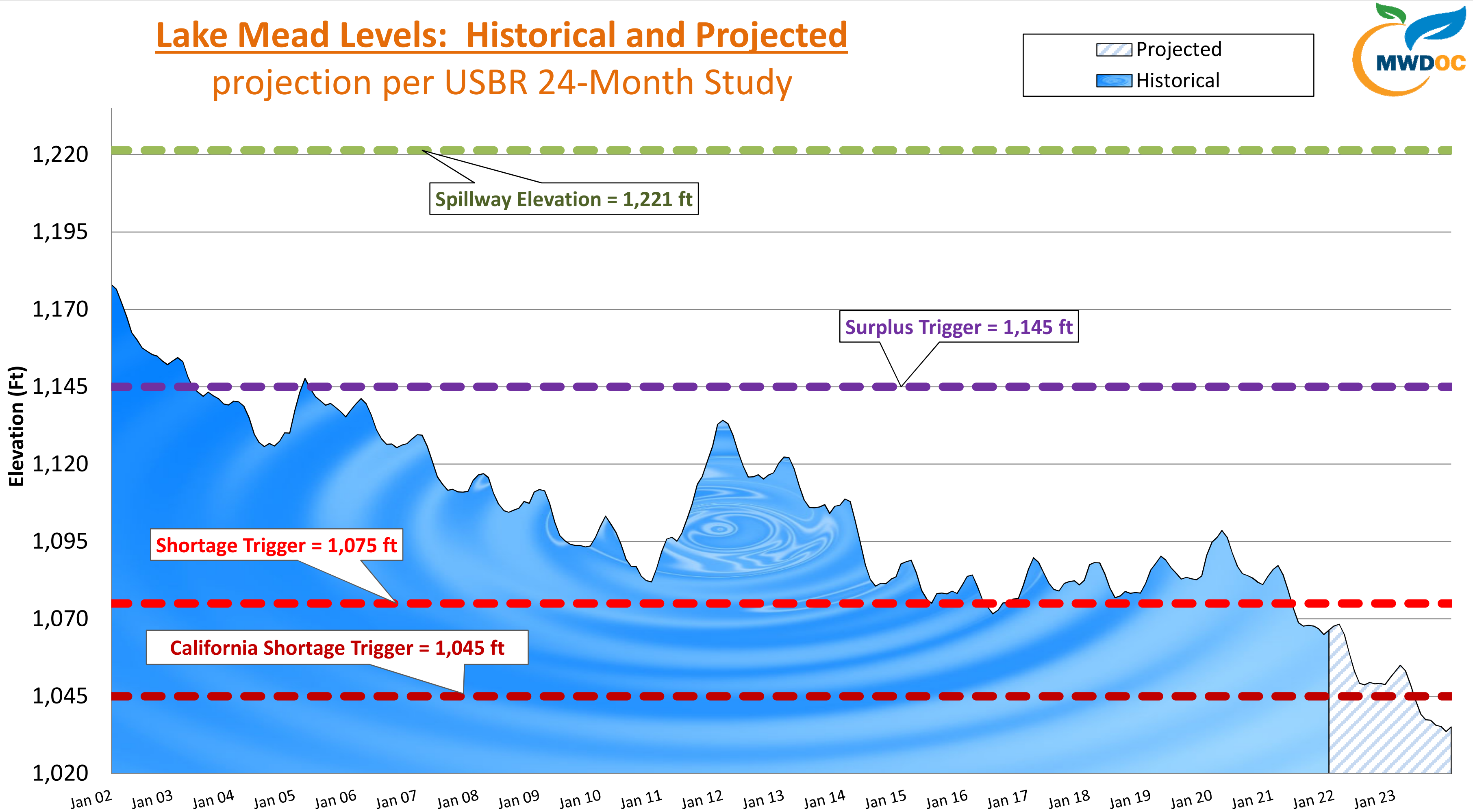
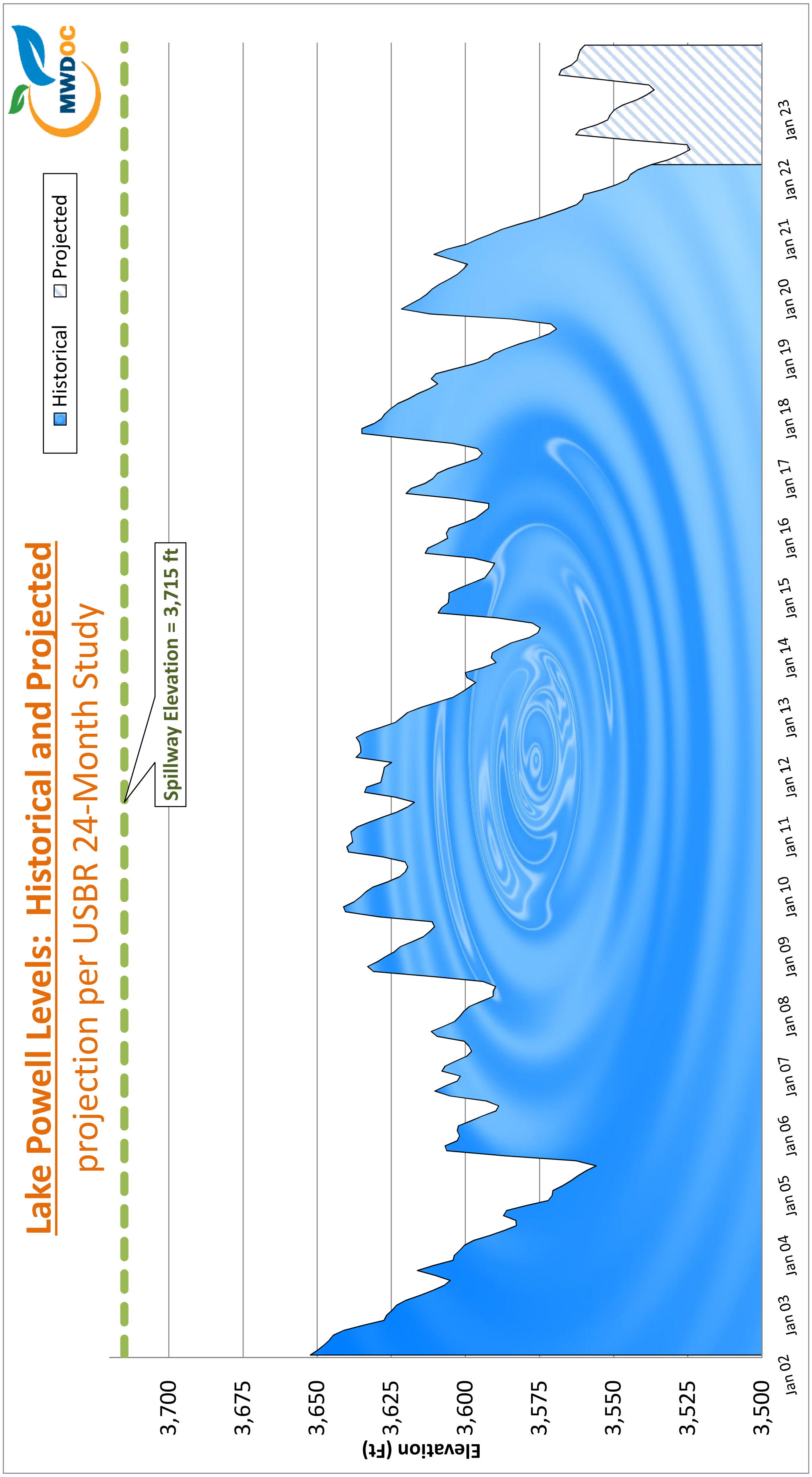
2018
2019
2020
2021
2022

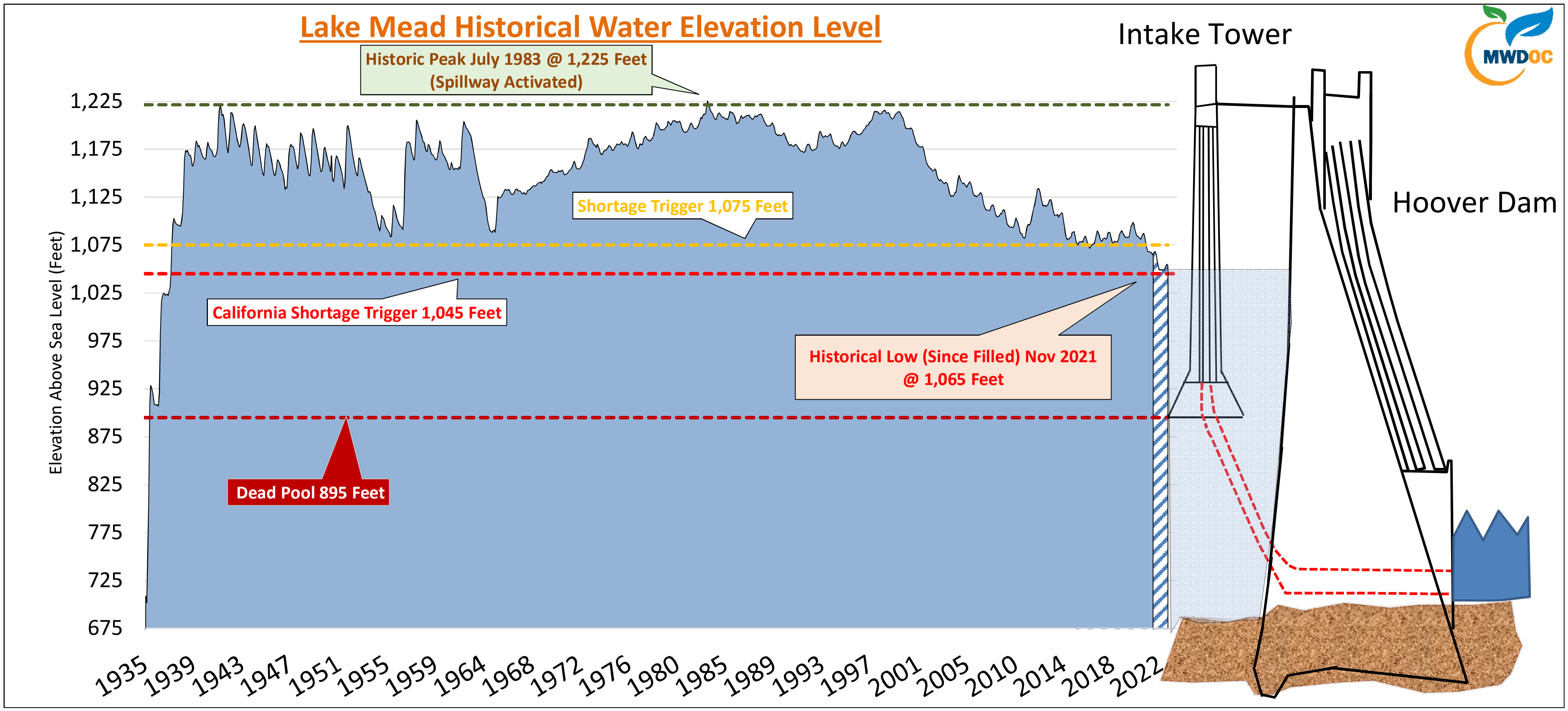

Colorado River Basin
WYOMING
UTAH
MEXICO
Salt Lake City
Hoover Dam
Glen Canyon Dam
Flaming Gorge Dam

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
MWDOC
Spillway Elevation = 3,715 ft
Elevation (Ft)
3,700
3,675
3,650
3,625
3,600
3,575
3,550
3,525
3,500
Jan 02
Jan 03
Jan 04
Jan 05
Jan 06
Jan 07
Jan 08
Jan 09
Jan 10
Jan 11
Jan 12
Jan 13
Jan 14
Jan 15
Jan 16
Jan 17
Jan 18
Jan 19
Jan 20
Jan 21
Jan 22
Jan 23



Lake Mead Historical Water Elevation Level
Historic Peak July 1983 @ 1,225 Feet (Spillway Activated)
Shortage Trigger 1,075 Feet
California Shortage Trigger 1,045 Feet
Historical Low (Since Filled) Nov 2021 @ 1,065 Feet
Dead Pool 895 Feet
Elevation Above Sea Level (Feet)
1,225
1,175
1,125
1,075
1,025
975
925
875
825
775
725
675
1935 1939 1943 1947 1951 1955 1959 1964 1968 1972 1976 1980 1985 1989 1993 1997 2001 2005 2010 2014 2018 2022
Intake Tower
Hoover Dam
MWDOC