

MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**ADMINISTRATION & FINANCE COMMITTEE**  
February 10, 2021, 8:30 a.m.

**Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:**

**Computer Audio:** You can join the Zoom meeting by clicking on the following link:  
<https://zoom.us/j/8828665300>

**Telephone Audio:** (669) 900 9128 fees may apply  
(877) 853 5247 Toll-free  
**Webinar ID:** 882 866 5300#

**A&F Committee:**

Director McVicker, Chair  
Director Dick  
Director Thomas

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

Ex Officio Member: Director Tamaribuchi

---

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

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

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

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

**PRESENTATION ITEM**

1. GRANTS TRACKING AND PROGRAM UPDATE BY SOTO RESOURCES

**PROPOSED BOARD CONSENT CALENDAR ITEMS**

2. TREASURER'S REPORT
  - a. Revenue/Cash Receipt Report – January 2021
  - b. Disbursement Approval Report for the month of February 2021
  - c. Disbursement Ratification Report for the month of January 2021
  - d. GM Approved Disbursement Report for the month of January 2021
  - e. Consolidated Summary of Cash and Investment – December 2020
  - f. OPEB and Pension Trust Fund monthly statement
3. FINANCIAL REPORT
  - a. Combined Financial Statements and Budget Comparative for the Period ending December 31, 2020
  - b. Quarterly Budget Report

**ACTION ITEMS**

4. REQUEST FOR WAIVER OF LATE PAYMENT PENALTY FOR CITY OF SEAL BEACH
5. ADDITIONAL AUTHORIZED CHECK SIGNER

**DISCUSSION ITEM**

6. FY 2021-22 FIRST DRAFT BUDGET
7. UPDATE ON MWDOC'S RATE STUDY
8. ANNUAL REVIEW OF COASTAL MUNICIPAL WATER DISTRICT ISSUES

**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.)**

9. LEGAL AND PROFESSIONAL SERVICES OPEN PURCHASE ORDERS
10. SEMI-ANNUAL DIRECTORS ACTIVITIES REPORT
11. SEMI-ANNUAL OVERTIME REPORT
12. ANNUAL AUTO ALLOWANCE REPORT
13. DEPARTMENT ACTIVITIES REPORTS
  - a. Administration
  - b. Finance and Information Technology
14. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

**OTHER ITEMS**

15. 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.



**PRESENTATION**

February 10, 2021

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

**FROM: Robert Hunter, General Manager**

Staff Contact: Heather Baez

**SUBJECT: GRANTS TRACKING AND 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 2020 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**  
**Funding Opportunities Spreadsheet – Current**  
**Funding Opportunities Spreadsheet – Past Deadlines**

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

# Grant Assistance Program Update 2021

Joey Soto,  
Funding Consultant

February 10, 2021



# Grant Assistance Program Overview



Grant Research Report



Monthly Reporting, Go/No-Go Evaluations, and Communication



Grant Application Writing or Review (under separate contract)

# Ongoing Reporting, Go/No-go Evaluations, Other Requests

Update Project List  
(Funding Needs)

Research & Update  
Funding  
Opportunities

Match Projects to  
Potential Funding  
Opportunities

Summary Table of  
Upcoming  
Deadlines

Funding Alert  
Notices

Emails/Calls with  
Member Agencies

Communication  
with Funding  
Agencies

Go/No-go  
evaluations

Other items, as  
requested

# MONTHLY REPORT

- Table: Summary of Upcoming Deadlines
- Attachment 1:
  - MWDOC Member Agency Project List
  - Potential Funding Opportunity Matching Spreadsheet
- Attachment 2: Funding Opportunities List (Current & Continuous Deadlines)
- Attachment 3: Funding Opportunities List (Past Deadlines & Future Tracking)



## Summary of Applications with Upcoming Deadlines and Webinars/Funding Meetings

| Primary Project Benefit                                              | Agency & Program Name                                                                                                                                              | Due Date                                                                                                                     |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Water Supply, Reliability and Efficiency                             | US Bureau of Reclamation WaterSMART Grants -Water Marketing Strategy Grants                                                                                        | NOFO Released: February 3, 2021<br>Webinar: <b>February 17, 2021, at 11 am MST</b><br>Applications Due: <b>April 7, 2021</b> |
|                                                                      | California Department of Fish & Wildlife - Prop 1 Watershed Restoration Grant Program                                                                              | Proposal Solicitation Released: January 11, 2021<br>Proposals Due: <b>February 19, 2021</b>                                  |
| Wildfire, Watershed, Water Quality, Habitat & Ecosystem Restoration; |                                                                                                                                                                    |                                                                                                                              |
| Water Quality                                                        | California Natural Resources Agency - Environmental Enhancement and Mitigation Program                                                                             | Solicitation Released: January 7, 2021<br>Applications Due: <b>March 5, 2021</b>                                             |
| Wastewater                                                           | CA Energy Commission - GFO-20-309 – Advancing and Commercializing Energy Efficiency in California’s Industrial, Agricultural, and Water Sector (2021 ACEE Program) | Application guide Released: December 23, 2020<br>Application Deadline: <b>March 8, 2021</b>                                  |
| Drinking Water, Wastewater                                           | US EPA - Office of Water, Office of Wastewater Management - Innovative Water Infrastructure Workforce Development Grant Program                                    | RFA Posted: January 22, 2021<br>Questions Due: <b>March 8, 2021</b><br>Applications Due: <b>March 26, 2021</b>               |
| Water Supply, Reliability and Efficiency                             | US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects                                                                                 | FOA Released: January 19, 2021<br>Applications Due: <b>March 18, 2021 4:00 pm<sup>5</sup> MDT</b>                            |



# 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      |
|--------------|--------------------|----------------|--------------------------------------|---------------------------|------------------------------|---------|--------------------------------------------|------------------------------|
| City of Brea | AMI Meter Upgrades | Planning       | Upgrade AMR to AMI meter technology. | TBD                       | TBD                          | NA      | Brian M Ingallinera; briani@cityofbrea.net | Water Supply and Reliability |
|              |                    |                |                                      |                           |                              |         |                                            |                              |



# ATTACHMENT 1 PROJECT & POTENTIAL FUNDING OPPORTUNITIES EXAMPLE



| Agency       | Project Title      | Primary Project Benefit      | Potential Current Funding Opportunities                                         |                                                                                            |                                                                                    |                      |
|--------------|--------------------|------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------|
| City of Brea | AMI Meter Upgrades | Water Supply and 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 | US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects | CA DWR - IRWM Prop 1 |
|              |                    |                              |                                                                                 |                                                                                            |                                                                                    |                      |
|              |                    |                              |                                                                                 |                                                                                            |                                                                                    |                      |
|              |                    |                              |                                                                                 |                                                                                            |                                                                                    |                      |



# 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 and Efficiency | US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects NEW | Small-scale on-the-ground water efficiency projects that have been identified through previous planning efforts; Reclamation is working to develop a streamlined selection and review process to make the process as simple as possible for applicants. Projects eligible for funding include canal lining/piping; municipal metering; irrigation flow measurement; SCADA; irrigation measures; or other similar projects that are limited in scope. | 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 organizing in partnership with and with the agreement of an entity described in Category A. | \$3,000,000 estimated total program funding.<br><br>Up to \$75,000 for projects to be completed within two years of award. No more than one award will be made to an applicant per FY under this NOFO. | FOA Released: January 19, 2021<br><br>Webinar: February 3, 2021, at 2 pm MST<br><br>Applications Due: March 18, 2021<br><br>Estimated Award Announcement: June 2021 | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oplId=331030">https://www.grants.gov/web/grants/view-opportunity.html?oplId=331030</a> | <a href="https://www.usbr.gov/watersmart/sop/index.html">https://www.usbr.gov/watersmart/sop/index.html</a> |
|                                          |                                                                                        | Total Project costs should generally be \$200,000 or less. The budget proposal must include the cost of all equipment, materials and supplies, and labor or contractual costs to complete the project. Projects with total project costs more than \$200,000 should instead be submitted under the WaterSMART Grants: Water and Energy Efficiency Grants FOA .                                                                                       | Project pre-award costs that have been incurred prior to the date of award but after July 1, 2020 may be considered for cost-share purposes. Proposed projects shall not have a construction start date that is prior to January 31, 2022.                                                                                                                         |                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                         |                                                                                                             |
|                                          |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                    | Anticipated up to 40 awards per application period.                                                                                                                                                    |                                                                                                                                                                     |                                                                                                                                                         |                                                                                                             |

# 2020 ACCOMPLISHMENTS

\$12.3 million awarded for 2 grants

4 grant applications requesting \$9.4 million

2 agencies and 22 projects added to the project list

22 Funding Programs added to tracking sheets

200 emails communicating funding opportunities

10 Go/No-Go evaluations completed for 8 funding programs

3 Bimonthly conference calls with member agencies





# TOTAL PROGRAM SUCCESS

*(JULY 2018 – JANUARY 2021)*



---

~\$23 million Funding Awarded for 5 grants

---

~\$110 million Loan Funding Selected

---

~\$9.425 million Grant Funding Pending for 4 grants

---

22 Agencies with 136 Projects on the Project List

---

132 Funding Programs in the Monthly Report

---

45 Go/No-Go Evaluations Completed

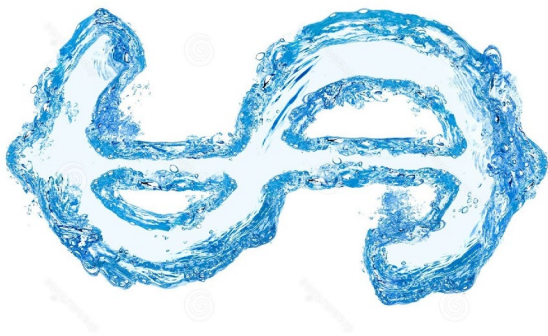
---

1,200 funding inquiry emails

---

3 bi-monthly calls conducted

---





---

# Questions?

---

# Thank you!

Attachment 1

MWDOC Member Agency Grant Assistance Program Monthly Report

MEMBER AGENCY PROJECT LIST FOR FUNDING

| Agency/Organization      | Project Title                                                                | Project Status | Project Description                                                                                                                                                                                                                                                                                                                                                                                                                       | Estimated Completion Date | Estimated Project Total Cost | Partner | Agency Contact                             | Primary Project Benefit                                    |
|--------------------------|------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|---------|--------------------------------------------|------------------------------------------------------------|
| City of Brea             | Reclaim Water Treatment and Pump Station at Sports Park                      | Planning       | Treat wastewater effluent from oil production to use as irrigation water for the sports park facility. Will be treating 56.1 acre feet per year.                                                                                                                                                                                                                                                                                          | 2021                      | \$ 4,000,000                 | NA      | Brian M Ingallinera; briani@cityofbrea.net | Water Supply and Reliability                               |
| City of Brea             | Reclaim Water Treatment and Pump Station at Birch Hills Golf Course          | Planning       | Treat ground water extraction to use as irrigation water for the birch hills golf course. Will be treating 67.25 acre feet per year.                                                                                                                                                                                                                                                                                                      | 2021                      | \$ 3,000,000                 | NA      | Brian M Ingallinera; briani@cityofbrea.net | Water Supply and Reliability                               |
| City of Brea             | Valencia Reservoir Recoating                                                 | Planning       | This project will remove and replace the existing coating on the interior/exterior reservoir.                                                                                                                                                                                                                                                                                                                                             | 2021                      | \$ 2,000,000                 | NA      | Rudy Correa; rudyco@cityofbrea.net         | Water Supply and Reliability                               |
| City of Brea             | Rehabilitation Booster Pump Station #2                                       | Design         | New pump station reconstruction, including piping, pump, control equipment, emergency generators and constructing a building to protect the infrastructure.                                                                                                                                                                                                                                                                               | 2021                      | \$ 3,000,000                 | NA      | Brian M Ingallinera; briani@cityofbrea.net | Water Supply and Reliability                               |
| City of Brea             | Rehabilitation Booster Pump Station #3                                       | Design         | New pump station reconstruction, including piping, pump, control equipment, emergency generators and constructing a building to protect the infrastructure.                                                                                                                                                                                                                                                                               | 2021                      | \$ 600,000                   | NA      | Brian M Ingallinera; briani@cityofbrea.net | Water Supply and Reliability                               |
| City of Brea             | AMI Meter Upgrades                                                           | Planning       | Upgrade AMR to AMI meter technology.                                                                                                                                                                                                                                                                                                                                                                                                      | TBD                       | TBD                          | NA      | Brian M Ingallinera; briani@cityofbrea.net | Water Supply and Reliability                               |
| City of Buena Park       |                                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |                              |         |                                            |                                                            |
| City of Fountain Valley  | Citywide Installation of Catch Basin BMPs and/or CDS units                   | Planning       | Installation of catch basin inserts and screens such as CPS units citywide.                                                                                                                                                                                                                                                                                                                                                               | Ongoing                   | \$ 300,000                   | NA      | Loriana Hornik                             | Water Quality                                              |
| City of Fountain Valley  | Well No. 6 Rehabilitation                                                    | Planning       | Well casing rehabilitation.                                                                                                                                                                                                                                                                                                                                                                                                               | 2018                      | \$ 300,000                   | NA      | Temo Galvez                                | Water Supply and Water Quality                             |
| City of Fountain Valley  | Well No. 8 Rehabilitation                                                    | Planning       | Well casing rehabilitation.                                                                                                                                                                                                                                                                                                                                                                                                               | 2019                      | \$ 300,000                   | NA      | Temo Galvez                                | Water Supply and Water Quality                             |
| City of Fountain Valley  | Well No. 8 Backup Emergency Generator Installation                           | Planning       | Installation of diesel emergency generator system for water system emergencies.                                                                                                                                                                                                                                                                                                                                                           | 2019                      | \$ 150,000                   | NA      | Mark Sprague                               | Water Reliability                                          |
| City of Fountain Valley  | Well No. 8 VFD Installation Upgrade                                          | Planning       | Install variable frequency drive to run well pump motor for energy efficiency and better well flow and system pressure control.                                                                                                                                                                                                                                                                                                           | 2019                      | \$ 250,000                   | NA      | Mark Sprague                               | Water Supply and Energy Efficiency                         |
| City of Fountain Valley  | Well No. 11 Rehabilitation                                                   | Planning       | Well casing rehabilitation.                                                                                                                                                                                                                                                                                                                                                                                                               | 2020                      | \$ 600,000                   | NA      | Temo Galvez                                | Water Supply and Water Quality                             |
| City of Fountain Valley  | Well No. 11 Backup Emergency Generator Installation                          | Planning       | Installation of diesel emergency generator system for water system emergencies.                                                                                                                                                                                                                                                                                                                                                           | 2020                      | \$ 150,000                   | NA      | Mark Sprague                               | Energy and Water Reliability                               |
| City of Fountain Valley  | Chlorine Generator Replacements                                              | Planning       | Replacement of existing onsite sodium hypochlorite generation system.                                                                                                                                                                                                                                                                                                                                                                     | Ongoing                   | \$ 150,000                   | NA      | Mark Sprague                               | Water Supply and Water Quality                             |
| City of Fountain Valley  | MWD Control Station Rehabilitation                                           | Planning       | Reconstruction of underground MWD flow and pressure control station including vaults, valves, piping, control system and surge tank.                                                                                                                                                                                                                                                                                                      | 2022                      | \$ 3,500,000                 | NA      | Temo Galvez                                | Water Supply and Reliability                               |
| City of Fountain Valley  | Water Main Replacement Project                                               | Planning       | After water condition assessments and final reports are compiled, will help determine water system pipeline replacement program.                                                                                                                                                                                                                                                                                                          | Ongoing                   | \$ 2,000,000                 | NA      | Mark Sprague                               | Water Supply and Reliability                               |
| City of Garden Grove     | NO-DES Truck Unit for Main Flushing                                          | Shovel Ready   | Neutral Output Discharge Elimination System (NO-DES) flushing method is an environmentally friendly alternative to conventional water main flushing. Water quality is improved without wasting millions of gallons. Uses a trailer or truck mounted pumping, filtering, and rechlorinating system, instead of fire hydrants running to waste, that continuously circulates the water within the targeted area of water distribution main. |                           | \$ 500,000                   | NA      | Cody Nicolae                               | Water Quality /Water Use Efficiency                        |
| City of Huntington Beach | Trash Removal Project - Phase II                                             | Planning       | Design and installation of trash/debris removal device (Contech CDS).                                                                                                                                                                                                                                                                                                                                                                     | 2021                      | \$ 200,000                   | NA      |                                            | Water Quality                                              |
| City of Huntington Beach | Trash Removal Project - Phase I                                              | Planning       | Design and installation of trash/debris removal device (Contech CDS unit).                                                                                                                                                                                                                                                                                                                                                                | 2020                      | \$ 200,000                   | NA      |                                            | Water Quality                                              |
| City of Huntington Beach | Water Well No. 8 H2S Odor Treatment and Well Upgrade with Natural Gas Engine | Planning       | Upgrade existing 3,000 gpm Well No. 8 site with a bacteriological activated carbon (BAC) treatment system to remove Hydrogen Sulfide; install new natural gas driven engine and site security enhancements.                                                                                                                                                                                                                               | Ongoing                   | \$ 5,000,000                 | OCWD    | Duncan Lee                                 | Water Supply, Water Reliability, Water Quality, and Energy |
| City of Huntington Beach | New Water Well No. 14                                                        | Design         | Construct a new replacement well to restore 2,000 to 3,000 gpm of groundwater supply.                                                                                                                                                                                                                                                                                                                                                     | 2020                      | \$ 6,000,000                 | NA      | Duncan Lee                                 | Water Supply, Water Reliability, and Energy                |



Attachment 1  
MWDOC Member Agency Grant Assistance Program Monthly Report  
MEMBER AGENCY PROJECT LIST FOR FUNDING

| Agency/Organization         | Project Title                                              | Project Status | Project Description                                                                                                                                                                                                                                                                                                                                     | Estimated Completion Date | Estimated Project Total Cost | Partner                                                    | Agency Contact | Primary Project Benefit                       |
|-----------------------------|------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|------------------------------------------------------------|----------------|-----------------------------------------------|
| City of Huntington Beach    | Water Main Replacement Project 2020/2021                   | Design         | Replace 4,300 linear feet of 6, 8, and 12-inch asbestos cement potable water pipelines. Due to high ground water and soil conditions that are corrosive to asbestos cement pipe, the existing pipelines are in need of replacement.                                                                                                                     | TBD                       | \$ 2,500,000                 | NA                                                         | Andy Ferrigno  | Water Supply and Reliability                  |
| City of Huntington Beach    | Edwards Hill Reservoir Mixing Project                      | Planning       | Install reservoir mixing equipment within the Edwards Hill Reservoir to help circulate the water within the reservoir, which helps maintain a disinfectant residual within the reservoir and reduce the possibility of nitrification. Mixing equipment is also capable of injecting additional disinfectant when needed to help maintain water quality. | TBD                       | \$ 600,000                   | NA                                                         | Andy Ferrigno  | Water Supply and Water Quality                |
| City of Huntington Beach    | Peck/Springdale Reservoirs Security Project                | Design         | Replace existing 40-year old perimeter security fencing, install intruder alarms and motion detector devices at both reservoirs, two well buildings, one booster pump station and chemical injection facilities.                                                                                                                                        | TBD                       | \$ 500,000                   | NA                                                         | Andy Ferrigno  | Water Supply and Water Reliability (Security) |
| City of La Habra            |                                                            |                |                                                                                                                                                                                                                                                                                                                                                         |                           |                              |                                                            |                |                                               |
| City of La Palma            |                                                            |                |                                                                                                                                                                                                                                                                                                                                                         |                           |                              |                                                            |                |                                               |
| City of Newport Beach       | San Diego Creek Diversion/Trash Removal Project            | Planning       | This project would mirror the Santa Ana-Delhi Channel Diversion project to (1) capture all dry weather trash and trash from a first flush storm, and (2) divert nuisance flows to OCSD for eventual use in the Groundwater Replenishment System.                                                                                                        | 7/1/2023                  | \$ 10,000,000                | OCFCD, Cities of Irvine, Santa Ana, Tustin and Lake Forest |                | Water Quality                                 |
| City of Newport Beach       | Advanced Meter Infrastructure (AMI) Upgrade Project        | Planning       | Upgrade existing meters with an AMI fixed-base network system to automatically collect and store hourly consumption data, aiding in water conservation and water use efficiency, improved water management, and energy savings.                                                                                                                         | 8/1/2022                  | \$ 9,188,009                 | NA                                                         | Steffen Catron | Water Supply, Reliability and Efficiency      |
| City of Orange              | Automatic Meter Reading                                    | Planning       | Replace current water meters with radio read capable meters.                                                                                                                                                                                                                                                                                            | 6/1/2025                  | \$ 5,000,000                 | NA                                                         |                | Water Supply, Reliability, and Efficiency     |
| City of Orange              | Orange Trash Capturing Devices                             | Planning       | Install trash capturing devices citywide to meet state Trash Provision requirements.                                                                                                                                                                                                                                                                    | 2028                      | \$ 2,500,000                 | NA                                                         |                | Water Quality                                 |
| City of San Clemente        |                                                            |                |                                                                                                                                                                                                                                                                                                                                                         |                           |                              | NA                                                         |                |                                               |
| City of San Juan Capistrano | City-wide Equestrian Facility LID Improvement Project      | Design         | City led public-private partnership to gain a dedicated source of groundwater basin recharge from LID improvements at equestrian facilities.                                                                                                                                                                                                            | 2020                      | \$ 5,000,000                 | NA                                                         |                | Water Quality                                 |
| City of Seal Beach          |                                                            |                |                                                                                                                                                                                                                                                                                                                                                         |                           |                              | NA                                                         |                |                                               |
| City of Tustin              | Irvine Boulevard Storm Drain Improvements                  | Planning       | Add several catch basins to eliminate flooding on Irvine Boulevard.                                                                                                                                                                                                                                                                                     |                           | \$ 7,800,000                 | NA                                                         |                | Flood Management                              |
| City of Tustin              | Simon Ranch Reservoir                                      | Planning       | Replace existing reservoir.                                                                                                                                                                                                                                                                                                                             |                           | \$ 9,994,852                 | NA                                                         |                | Water Supply                                  |
| City of Tustin              | Citywide Installation of Catch Basin BMPs and/or CDS units | Shovel Ready   | Installation of catch basin inserts and screens such as CPS units citywide.                                                                                                                                                                                                                                                                             | ongoing                   | \$ 200,000                   | NA                                                         |                | Water Quality                                 |
| City of Tustin              | Emergency Operations Center and City Corporate Yard        | Planning       | Construct new parking lot with swales and modular wetland and solar panels.                                                                                                                                                                                                                                                                             |                           | \$ 15,830,418                | NA                                                         |                | Water Quality                                 |
| City of Tustin              | Newport Avenue Extension                                   | Planning       | Extend Newport Avenue from Edinger to Sycamore.                                                                                                                                                                                                                                                                                                         |                           |                              | NA                                                         |                | Flood Management                              |
| City of Tustin              | Tustin Legacy Linear park                                  | Planning       | Construct Linear park as pedestrian and bicycle corridor with passive recreation areas.                                                                                                                                                                                                                                                                 |                           | \$ 9,034,130                 | NA                                                         |                | Park                                          |
| City of Westminster         | Proposed Waterline within the Abandoned Navy Railroad      | Planning       | Construct a 12-inch waterline, valves, fire hydrants, fittings and a 16-foot wide access/bike path.                                                                                                                                                                                                                                                     | 2022                      | \$ 5,000,000                 | City of Huntington Beach                                   |                | Water Supply                                  |
| City of Westminster         | Well no. 6 Replacement                                     | Planning       | Abandon an aging existing well no. 6 located at 14581 Von Circle and construct a new well at Bowling Green Park located at 14700 Bowling Green Street.                                                                                                                                                                                                  | 2022                      | \$ 5,500,000                 | NA                                                         |                | Water Supply                                  |
| City of Westminster         | Westminster City Wide Trash Capture Devices                | Planning       | Installation of trash capture devices such as screens, inserts, and/or CDS units.                                                                                                                                                                                                                                                                       | ongoing                   | \$ 300,000                   | NA                                                         |                | Water Quality                                 |

Attachment 1

MWDOC Member Agency Grant Assistance Program Monthly Report

MEMBER AGENCY PROJECT LIST FOR FUNDING

| Agency/Organization                | Project Title                                                            | Project Status | Project Description                                                                                                                                                                                                                                                                                                         | Estimated Completion Date | Estimated Project Total Cost | Partner                                              | Agency Contact                                           | Primary Project Benefit               |
|------------------------------------|--------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|------------------------------------------------------|----------------------------------------------------------|---------------------------------------|
| East Orange County Water District  | Peters Canyon Water Treatment Plant Reconstruction                       | Planning       | Reconstruction of the Peters Canyon Water Treatment Plant (PCWTP) will provide stormwater treatment, water supply reliability, financial relief to a Disadvantaged Community, environmental benefits through green technology for a regional area.                                                                          | 4/1/2021                  | \$ 20,000,000                | Cities of Santa Ana and Orange, and County of Orange | Marilyn Thoms<br>714-679-9999<br>marilynthoms1@gmail.com | Water Supply and Reliability          |
| East Orange County Water District  | Vista Panorama Reservoir Replacement                                     | Planning       | Vista Panorama Reservoir Replacement would replace a 1926 concrete reservoir with a steel tank designed to meet current seismic requirements. Design complete by 6/30/20; construction start 10/1/2020. CEQA certified May 2020.                                                                                            | 2/1/2021                  | \$ 1,200,000                 | NA                                                   | Lisa Ohlund, 714-538-5815,<br>lohlund@eocwd.com          | Water Supply                          |
| East Orange County Water District  | Fireflow Improvement Project                                             | Planning       | Fireflow Improvement Project will replace undersized 4" lines throughout our retail system with 8" lines that can provide fireflow to this urban/wildfire interface area. Design complete by 8/1/2020; construction start by 11/1/2020. CEQA certification scheduled for June 2020.                                         | 11/1/2021                 | \$ 5,000,000                 | NA                                                   | Lisa Ohlund, 714-538-5815,<br>lohlund@eocwd.com          | Reliability                           |
| East Orange County Water District  | Wholesale System Water Quality Improvement Program                       | Planning       | Wholesale System Water Quality Improvement Program will construct a pump station at Newport Reservoir to recirculate water through the system during periods of low demand and minimize flushing/waste of water. Design complete by 10/1/2020; construction start 2/1/2020. CEQA Certification Scheduled for December 2020. | 6/1/2021                  | \$ 500,000                   | NA                                                   | Lisa Ohlund, 714-538-5815,<br>lohlund@eocwd.com          | Water Quality                         |
| EI Toro Water District             | JRWSS Turnout - Pump Station Project                                     | Planning       | This project would allow ETWD to import supply from an existing connection that was originally designed under differing system operations. Drinking water related project.                                                                                                                                                  | 2023                      | \$ 1,500,000                 | JRWSS, SCWD, MNWD                                    | Dennis Cafferty, 949-837-7050, dcafferty@etwd.com        | Water Supply and Reliability          |
| EI Toro Water District             | Filter Plant Site Use Plan                                               | Planning       | The project objective is to demolish an existing, abandoned Filtration Plant from the mid-1960s and replace with a multi-purpose building, including accommodations for a South County Emergency Operations Center.                                                                                                         | 2022                      | \$ 3,400,000                 | MWDOC/WEROC                                          | Dennis Cafferty, 949-837-7050, dcafferty@etwd.com        | Regional Emergency Operations         |
| EI Toro Water District             | EI Toro Reservoir (R-6) Floating Cover and Liner Replacement             | Planning       | The existing flexible-membrane floating cover is nearing the end of its useful life and needs to be replaced. The liner of the reservoir is being considered to be replaced. Drinking water related project.                                                                                                                | 2023                      | \$ 11,700,000                | SMWD, MNWD                                           | Dennis Cafferty, 949-837-7050, dcafferty@etwd.com        | Water Supply, Quality and Reliability |
| EI Toro Water District             | South County Turnout                                                     | Planning       | ETWD and MNWD currently utilize an existing turnout to supply 20 cfs, with 15 cfs to MNWD and 5 cfs to ETWD. The proposed facility will add a new turnout to the South County Pipeline to receive the same 20 cfs, at a different location. Drinking water related project.                                                 | 2025                      | \$ 10,200,000                | MNWD                                                 | Dennis Cafferty, 949-837-7050, dcafferty@etwd.com        | Water Supply and Reliability          |
| Emerald Bay Services District      |                                                                          |                |                                                                                                                                                                                                                                                                                                                             |                           |                              |                                                      |                                                          |                                       |
| Golden State Water Company         |                                                                          |                |                                                                                                                                                                                                                                                                                                                             |                           |                              |                                                      |                                                          |                                       |
| Irvine Ranch Water District        | Central Orange County Water Supply and Water Quality Improvement Project | Planning       | Utilize existing flood control basins for groundwater recharge and water quality improvement.                                                                                                                                                                                                                               | 2022                      | \$ 10,000,000                | Orange County Water District, County of Orange       |                                                          | Water Supply and Water Quality        |
| Irvine Ranch Water District        | Syphon Reservoir Improvement Project                                     | Design         | Expand capacity of existing reservoir including replacement of existing 59-foot high dam with new 136-foot high dam, new pump station, and new 8,000-foot long pipeline..                                                                                                                                                   | 2025                      | \$ 94,300,000                |                                                      | Natalie Palacio<br>949-453-5499<br>palacio@irwd.com      | Water Supply and Reliability          |
| Irvine Ranch Water District        | Kern Fan Groundwater Storage Project                                     | Planning       | Expansion of groundwater banking facilities in Kern County. Construct 12 wells, 1050 acres of recharge basins, and new conveyance from California Aqueduct.                                                                                                                                                                 | 2025                      | \$ 171,400,000               | Rosedale-Rio Bravo Water Storage District            | Natalie Palacio<br>949-453-5499<br>palacio@irwd.com      | Water Supply and Reliability          |
| Irvine Ranch Water District        | Santiago Dam Outlet Tower Improvements                                   | Design         | Construction of new inclined outlet tower structure, 10-foot wide access road and ramp, control building, widening of existing dam crest road to 12 feet.                                                                                                                                                                   | 2020                      | \$ 16,100,000                | Serrano Water District                               | Natalie Palacio<br>949-453-5499<br>palacio@irwd.com      | Safety, Flood Management              |
| Laguna Beach County Water District | Pacific Marine Mammal Center Recycled Water Treatment Facility           | Design         | Construction of a new onsite recycled water treatment facility for the marine mammal educational center to eliminate potable water use in marine mammal pools and instead provide recycled water onsite.                                                                                                                    | 2023                      | \$ 5,000,000                 | Pacific Marine Mammal Center                         | Jennifer Nevius, Nevius Consulting.                      | Water Supply and Reliability          |

Attachment 1

MWDOC Member Agency Grant Assistance Program Monthly Report

MEMBER AGENCY PROJECT LIST FOR FUNDING

| Agency/Organization           | Project Title                                          | Project Status  | Project Description                                                                                                                                                                                                                                                                    | Estimated Completion Date | Estimated Project Total Cost | Partner | Agency Contact | Primary Project Benefit                     |
|-------------------------------|--------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|---------|----------------|---------------------------------------------|
| Mesa Water District           | Mesa Water Reliability Facility Outreach Center        | Planning        | Outreach center for students, educators, community members, and public to experience/learn about environmental preservation/conservation, natural resources, and water-wise landscaping; recreational opportunities. Transforms an industrial space into a community outreach center.  | 6/30/23                   | \$ 5,398,499                 | NA      | Phil Lauri     | Water Reliability, Efficiency and Education |
| Mesa Water District           | OC-44 Pipeline Rehabilitation                          | Shovel Ready    | Rehabilitate 1,800 feet of 42" steel pipe w/30" Ductile Iron Pipe across Newport Backbay.                                                                                                                                                                                              | 2/28/20                   | \$ 2,040,400                 | Yes/CHB | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Chandler/Croddy Wells & Pipeline                       | Design          | Construct two new wells and pipeline to provide 115% local water reliability.                                                                                                                                                                                                          | 6/30/22                   | \$ 12,000,000                | NA      | Phil Lauri     | Water Supply                                |
| Mesa Water District           | Building & HVAC Improvements                           | Shovel Ready    | Replaces an end-of-life HVAC system and roof replacement on Administration and Operations Bldg.                                                                                                                                                                                        | 6/30/19                   | \$ 1,800,000                 | NA      | Phil Lauri     | Energy Efficiency                           |
| Mesa Water District           | Reservoirs 1 & 2 Chemical Management System            | Design          | Provide real-time chemical management and reservoir mixing to ensure optimum water quality.                                                                                                                                                                                            | 6/30/20                   | \$ 1,919,000                 | NA      | Phil Lauri     | Water Quality                               |
| Mesa Water District           | 19th Street & Harbor Blvd. Pipeline Replacement        | Planning        | Replaces approximately 8,000 feet of 12" deteriorated steel pipe.                                                                                                                                                                                                                      | 6/30/21                   | \$ 2,980,000                 | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Harbor/Wilson Pipeline                                 | Design          | Replaces approx. 800 feet of deteriorated 12" steel pipe.                                                                                                                                                                                                                              | 6/30/20                   | \$ 560,000                   | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Santa Ana Pressure Reducing Station Upgrade            | Construction    | Replaces and updates end of useful life control and electrical systems and isolation valve replacements.                                                                                                                                                                               | 11/30/18                  | \$ 700,000                   | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Pipeline Integrity Testing Program                     | Planning/Design | Routinely test asbestos cement pipeline samples to determine remaining useful life and plan replacements.                                                                                                                                                                              | Continuous                | \$ 1,250,000                 | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | I-405 Fairview Pipeline                                | Design          | Replaces approx. 1,200 feet of 12" CML pipeline under the I405 Fwy at Fairview Ave due to I405 Widening Project.                                                                                                                                                                       | 6/30/20                   | \$ 925,000                   | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | PLC Replacements                                       | Planning        | Assesses existing PLC's, SCADA system hardware, & radio antennae system end of life and provide replacement strategy & approach.                                                                                                                                                       | 6/30/20                   | \$ 1,000,000                 | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Cathodic Protection                                    | Planning        | Assesses condition and plans for replacement of cathodic protection system of ferrous pipelines.                                                                                                                                                                                       | 6/30/22                   | \$ 600,000                   | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Fire Flow Enhancements (Phase 1)                       | Planning        | Replaces end of useful life pipelines to enhance fire flow protection to areas with smaller diameter pipelines.                                                                                                                                                                        | 6/30/20                   | \$ 2,195,000                 | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Fire Flow Enhancements (Phase 2 - 8"/7,700')           | Planning        | Replaces end of useful life pipelines to enhance fire flow protection to areas with smaller diameter pipelines.                                                                                                                                                                        | 6/30/21                   | \$ 1,700,000                 | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Abandoned Vault Closures                               | Planning        | Demolition of abandoned MET connections.                                                                                                                                                                                                                                               | 6/30/22                   | \$ 1,200,000                 | NA      | Phil Lauri     | Water Quality                               |
| Mesa Water District           | 4" Diameter Main Replacements (8"/5,000')              | Planning        | Replaces end of useful life pipelines to enhance fire flow protection to areas with smaller diameter pipelines.                                                                                                                                                                        | 6/30/23                   | \$ 1,200,000                 | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Pipeline Replacements (Phase 2 - 8"/8,000')            | Planning        | Replaces pipelines at the end of their useful life.                                                                                                                                                                                                                                    | 6/30/23                   | \$ 1,920,000                 | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Southeastern Pipeline Replacements (Phase 2 - 8"/800') | Planning        | Replaces pipelines at the end of their useful life.                                                                                                                                                                                                                                    | 6/30/23                   | \$ 250,000                   | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | Fire Flow Enhancements (Phase 3 - 8"/8,200')           | Planning        | Replaces end of useful life pipelines to enhance fire flow protection to areas with smaller diameter pipelines.                                                                                                                                                                        | 6/30/23                   | \$ 2,045,000                 | NA      | Phil Lauri     | Water Reliability                           |
| Mesa Water District           | OC-44 Armor Protection                                 | Planning        | Provides rip-rap armoring protection of the OC44 pipeline across the San Diego Creek of the Newport Backbay against tidal erosion.                                                                                                                                                     | 6/30/22                   | \$ 2,000,000                 | NA      | Phil Lauri     | Water Reliability                           |
| Moulton Niguel Water District | MNWD District-Wide Recycled Water Retrofit Program     | Planning        | The Recycled Water Optimization Study identified 70 potable water irrigation users recommended for recycled water retrofit. Project will include installation of recycled water service, removal of potable water service, installation of booster pump as applicable, user education. | 2028                      | \$ 4,850,000                 | NA      |                | Water Supply, Reliability and Efficiency    |
| Moulton Niguel Water District | Recycled Water Distribution System Improvements        | Planning        | Upsize 2,100 feet of existing undersized RW Main Pipeline in 4 locations throughout the cities of Aliso Viejo and Mission Viejo. Will support new recycled water retrofits, reducing potable demand by 138 AFY.                                                                        | 2021                      | \$ 1,000,000                 | NA      |                | Water Supply, Reliability and Efficiency    |

Attachment 1

MWDOC Member Agency Grant Assistance Program Monthly Report

MEMBER AGENCY PROJECT LIST FOR FUNDING

| Agency/Organization                       | Project Title                                                                                            | Project Status | Project Description                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Estimated Completion Date                                     | Estimated Project Total Cost | Partner                                                      | Agency Contact                                 | Primary Project Benefit                  |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------|--------------------------------------------------------------|------------------------------------------------|------------------------------------------|
| Moulton Niguel Water District             | Recycled Water La Paz Road Bridge Crossing                                                               | Shovel Ready   | Install 1,200 feet of new 12-inch RW Main Pipeline in La Paz Road, in conjunction with the City of Mission Viejo's widening of the La Paz Road RR Bridge. Will support new recycled water retrofits, reducing potable demand by 138 AFY.                                                                                                                                                                                                                                    | 2020                                                          | \$ 400,000                   | NA                                                           |                                                | Water Supply, Reliability and Efficiency |
| Moulton Niguel Water District             | Recycled Water Main Replacement from Galivan PS to La Paz PS                                             | Planning       | Replace 11,000 feet of undersized and aging RW Main Pipelines with new 24" pipeline. Project supports retrofits, resulting in potable demand reduction of 306 AFY.                                                                                                                                                                                                                                                                                                          | 2025                                                          | \$ 9,000,000                 | NA                                                           |                                                | Water Supply, Reliability and Efficiency |
| Moulton Niguel Water District             | Recycled Water Main Replacement from Cabot Road to Galivan PS                                            | Planning       | Install 800 feet of new RW Main Pipelines and rehabilitate ex. 20-inch force main from Cabot Rd to Treatment Plant 3A. Project supports retrofits, resulting in potable demand reduction of 306 AFY.                                                                                                                                                                                                                                                                        | 2025                                                          | \$ 850,000                   | NA                                                           |                                                | Water Supply, Reliability and Efficiency |
| Moulton Niguel Water District             | Recycled Water Main Expansion from Greenfield Drive to Cabot Road                                        | Planning       | Install 2,600 feet of new RW Main Pipelines from Greenfield Drive to Cabot Road. Project supports retrofits, resulting in potable demand reduction of 306 AFY.                                                                                                                                                                                                                                                                                                              | 2024                                                          | \$ 1,725,000                 | NA                                                           |                                                | Water Supply, Reliability and Efficiency |
| Municipal Water District of Orange County | South Orange County Irrigation and Indoor Efficiency, Runoff Reduction, and Pollution Prevention Program | Shovel Ready   | Consumer based rebate program will encourage the replacement of turf with CA Friendly landscapes; upgrade of antiquated irrigation and indoor devices and processes; and the conversion from potable to recycled water meters.                                                                                                                                                                                                                                              | 5 years from Project Start date, or as specified in agreement | \$ 4,598,033                 | NA                                                           |                                                | Water Supply, Reliability and Efficiency |
| Municipal Water District of Orange County | North/Central Orange County Irrigation Efficiency, Runoff Reduction, and Pollution Prevention Program    | Planning       | MWDOC proposes the implementation of a comprehensive and holistic regional water use efficiency improvement program targeting public agency, residential, commercial, industrial, and institutional properties.                                                                                                                                                                                                                                                             | 9/1/2024                                                      | \$ 7,075,721                 | The cities and water agencies in the North/Central IRWM area |                                                | Water Supply, Water Use Efficiency       |
| Santa Margarita Water District            | Joint Recycled Water Conveyance Project                                                                  | Planning       | The proposed Project is a regional recycled water line shared with MNWD and possibly El Toro Water District.                                                                                                                                                                                                                                                                                                                                                                | 8/1/2020                                                      | \$ 24,000,000                | NA                                                           | Don Bunts, Deputy General Manager              | Water Supply, Reliability and Efficiency |
| Santa Margarita Water District            | Recycled Water Conversions - Las Flores Improvement District No. 4B                                      | Design         | The Project includes expanding the recycled water distribution system to allow for conversion of the dedicated irrigation systems from domestic water.                                                                                                                                                                                                                                                                                                                      | 6/1/2019                                                      | \$ 4,900,000                 | NA                                                           | Don Bunts, Deputy General Manager              | Water Supply, Reliability and Efficiency |
| Santa Margarita Water District            | Recycled Water Conversions-- Rancho Santa Margarita (RSM) Improvement District No. 4A                    | Planning       | The Project includes expanding the recycled water distribution system to allow for conversion of the RSM dedicated irrigation systems from domestic water.                                                                                                                                                                                                                                                                                                                  | 6/1/2021                                                      | \$ 13,000,000                | NA                                                           | Don Bunts, Deputy General Manager              | Water Supply, Reliability and Efficiency |
| Santa Margarita Water District            | Recycled Water Upgrades in San Clemente                                                                  | Planning       | The Project includes A) Upgrade City of San Clemente Recycled Water Pumps and B) Install Recycled water pumps at Pico Lift Station Site.                                                                                                                                                                                                                                                                                                                                    | 2/1/2020                                                      | \$ 1,200,000                 | NA                                                           | Don Bunts, Deputy General Manager              | Water Supply, Reliability and Efficiency |
| Santa Margarita Water District            | San Juan Watershed Phase 1 Project                                                                       | Design         | The Project includes enhancing groundwater recharge in the San Juan Basin aquifer for potable water sources.                                                                                                                                                                                                                                                                                                                                                                | 12/1/2019                                                     | \$ 23,000,000                | NA                                                           | Don Bunts, Deputy General Manager              | Water Supply, Reliability and Efficiency |
| Santa Margarita Water District            | Recycled Water Conversions - Melinda Improvement District No. 3A                                         | Planning       | The Project includes expanding the recycled water distribution system to allow for conversion of dedicated irrigation systems from domestic water.                                                                                                                                                                                                                                                                                                                          | 6/1/2020                                                      | \$ 2,370,000                 | NA                                                           | Don Bunts, Deputy General Manager              | Water Supply, Reliability and Efficiency |
| Santa Margarita Water District            | AMI Meter Upgrades                                                                                       | Planning       | Upgrade meters with AMI. Includes Pilot Program and full scale AMI Program.                                                                                                                                                                                                                                                                                                                                                                                                 | TBD                                                           | TBD                          | NA                                                           | Nate Adams, Water Reliability Planning Manager | Water Supply, Reliability and Efficiency |
| Santa Margarita Water District            | Disadvantaged Communities Funding for San Juan Capistrano                                                | Planning       | The Project includes providing water service to DACs within SMWD service area, including the City of San Juan Capistrano. SMWD is interested in researching SRF DAC wastewater treatment funding to upgrade the JB Latham Treatment Plant, secondary treatment facility owned and operated by the SOCWA on behalf of the four member agencies (Moulton Niguel Water District, South Coast Water District, City of San Juan Capistrano, and Santa Margarita Water District). | TBD                                                           | TBD                          | NA                                                           | Don Bunts, Deputy General Manager              | Water Supply, Reliability and Efficiency |

Attachment 1  
MWDOC Member Agency Grant Assistance Program Monthly Report  
MEMBER AGENCY PROJECT LIST FOR FUNDING

| Agency/Organization        | Project Title                                                                                                       | Project Status | Project Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Estimated Completion Date | Estimated Project Total Cost | Partner          | Agency Contact                            | Primary Project Benefit                                                |
|----------------------------|---------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|------------------|-------------------------------------------|------------------------------------------------------------------------|
| Serrano Water District     | Santiago Creek Reservoir (Irvine Lake) Outlet Tower Seismic Replacement and Spillway Modernization                  | Planning       | The Dam modernization project is a jointly owned project with Irvine Ranch Water District 75% and Serrano 25%. The project will update the tower and spillway to meet the DSOD requirement for storing and releasing water in a emergency event over a seven day period. The Project will raise the dam spillway, provide the ability to have more storm flow over the spillway(twice the amount) and upsizing the outlet tower and outlet piping to increase drawdown and flow. All improvements increase efficiency, flow ability, and storage capacity, and more than a 30-year lifecycle.                                                                                                                                                                                                                                                                                                                                                                                                                       | 7/1/2021                  | \$ 26,000,000                | IRWD and Serrano | Jerry Vilander<br>jerryv@serranowater.org | Flood Management, Increase Water Supply, Reliability and Efficiency    |
| Serrano Water District     | New Well                                                                                                            | Planning       | Project would include construction of a new well for redundant back up and to participate in possible higher BBP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7/1/2020                  | \$ 6,000,000                 | NA               | Jerry Vilander<br>jerryv@serranowater.org | Increase Water Supply, Reliability and Efficiency                      |
| Serrano Water District     | Smith Reservoir Replacement                                                                                         | Planning       | The project would replace or retrofit the existing six million gallon reservoir                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7/1/2020                  | \$ 6,000,000                 | NA               | Jerry Vilander<br>jerryv@serranowater.org | Increase Water Supply, Reliability and Efficiency                      |
| South Coast Water District | Doheny Desalination (Studies/Planning)                                                                              | Planning       | Planning and permitting of the Doheny Ocean Desalination project activities currently in progress include: Environmental Impact Report: Public Review and Responses to Comments; Contract Development for Design-Build-Operate Option; Regulatory Permitting; Public Outreach; and Finalization and administration of Grant Applications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           | \$ 107,000,000               | NA               | Rick Shintaku, General Manager            | Water Supply, Reliability and Efficiency                               |
| South Coast Water District | Doheny Ocean Desalination Plant Project including alternative energy (i.e. solar, fuel cell, battery storage, etc.) | Planning       | Project includes construction of a desalination plant, as well as design, permit and installation of Solar Energy Panels (or natural gas fuel cells, battery storage, etc.) on District property to provide alternative energy power source.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           | \$ 2,500,000                 | NA               | Rick Shintaku, General Manager            | Energy                                                                 |
| South Coast Water District | Reservoir 2B and 3B Replacement Project                                                                             | Planning       | The age of Reservoirs 2B and 3B (potable water reservoirs), structural deficiencies, recent shell leaks at Reservoir 2B, and difficult access prompted the District to evaluate replacement options, access improvements, and potential relocation of Reservoir 3B to a more accessible site. The project involves replacing and upsizing 100,000 gallon storage reservoirs to 200,000 gallons to: 1) maximize emergency storage in the 490- pressure zone and/or adjacent pressure zones, considering constraints in terms of access and available reservoir site areas; 2) improve the overall pressure and extend available fire fighting flows to support wildfire mitigation efforts.                                                                                                                                                                                                                                                                                                                          | FY 23                     | \$ 1,490,000                 | NA               | Rick Shintaku, General Manager            | Water Supply, Reliability and Efficiency, Fire Protection              |
| South Coast Water District | PS9 Upgrades                                                                                                        | Planning       | Critical Pump Station 9 (PS 9), is a backup to PS 8, which serves the 470 zone, a closed zone and relies entirely on the pump stations to supply flow and pressure. This project involves various improvements at PS 9 including fixing SCADA issues, moving PS 9 from a vault to above ground, constructing a building to house the pump station, adding an emergency generator, and replacing the pumps. Potable facility.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FY 22                     | \$ 650,000                   | NA               | Rick Shintaku, General Manager            | Water Supply, Reliability and Efficiency, Fire Protection              |
| South Coast Water District | PS1 Fire Hardening                                                                                                  | Planning       | Implement fire hardening measure for Pump Station 1. Potable facility.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FY 22                     | \$ 325,000                   | NA               | Rick Shintaku, General Manager            | Fire Protection                                                        |
| South Coast Water District | LS2 Station Rehabilitation/ Replacement                                                                             | Design         | This project provides final design, environmental documentation, and construction of a new lift station. The project will replace the District's largest sewage Lift Station 2 (LS2), in a new location, moving the station out of the 100-year flood plain and the mapped tsunami inundation zone, while keeping the existing lift station operational during construction. LS2 has a current pumping range of approximately 950 gpm to 3,200 gpm and conveys raw sewage to the South Orange County Wastewater Authority (SOCWA) Coastal Treatment Plant via a 16-inch diameter HDPE force main that is over a mile in length, which generally runs parallel to Aliso Creek. The project will prevent community impact resulting from potential LS2 failure. The project has the potential to provide emergency backup for the District and the City of Laguna Beach by connecting the City's adjacent sewer force main to LS2. Project will underground electrical utilities, which provides wildfire protection. | FY 23                     | \$ 20,100,000                | NA               | Rick Shintaku, General Manager            | Water Supply, Reliability and Efficiency, Natural Resources Protection |

Attachment 1

MWDOC Member Agency Grant Assistance Program Monthly Report

MEMBER AGENCY PROJECT LIST FOR FUNDING

| Agency/Organization        | Project Title                                                                                 | Project Status | Project Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Estimated Completion Date                           | Estimated Project Total Cost | Partner | Agency Contact                 | Primary Project Benefit                  |
|----------------------------|-----------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------|---------|--------------------------------|------------------------------------------|
| South Coast Water District | Golden Lantern/Stonehill Recycled Water Distribution Improvements Project Bottleneck Phase II | Design         | This project provides for the planning, design, and construction of two phases of pipeline upgrades in the recycled distribution system supply main. Recent, significant increases in demands on the recycled water system coupled with a section of small diameter main located within this area of the distribution system required two sections of pipeline upgrades. Phase I is complete and operational. Phase 2 extends from Stonehill from Monarch Beach Drive to east of Intera Way (1,900-feet of 12-inch PVC). This deficiency was identified in the 2017 Infrastructure Master Plan Update and confirmed by field pressure data during the summer of 2016. To maintain an adequate level of service and sufficient operating pressures in the recycled water distribution system, both pipeline upgrades must be completed before any additional sites are placed on the recycled water distribution system south of Stonehill. | FY 23                                               | \$ 3,850,000                 | NA      | Rick Shintaku, General Manager | Water Supply, Reliability and Efficiency |
|                            |                                                                                               |                | The 2017 Infrastructure Master Plan developed a number of concepts for expansion of the recycled water system. The highest priority was placed on identifying remaining “Tier 1” customers; specifically, customers who have larger landscapes and are located in close proximity to the District’s existing recycled water transmission mains. The project will: 1) continue to analyze the District’s recycled water system using the hydraulic model; 2) complete preliminary and final designs for recycled water expansion projects; and 3) implement Tier 1 customer recycled water retrofits, as appropriate. These projects are being implemented over the 5-year CIP horizon.                                                                                                                                                                                                                                                     | Ongoing                                             | \$ 60,000                    | NA      | Rick Shintaku, General Manager | Water Supply, Reliability and Efficiency |
| South Coast Water District | Recycled Water Distribution System Extensions/Conversions (Planning)                          | Planning       | Conversion of existing Potable Water irrigation customers to Recycled Water, expansion of existing Recycled Water Infrastructure to serve additional customers, and conduct ongoing public education programs. (Construction)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ongoing                                             | \$ 3,000,000                 | NA      | Rick Shintaku, General Manager | Water Supply, Reliability and Efficiency |
| South Coast Water District | SCADA Interface Security Upgrades                                                             | Planning       | This project includes the purchase of necessary equipment and services for the installation of a new process control system network independent of the District’s enterprise network. FY 22: replacing aging server machines and upgrading the operating platform with an enhanced, more robust cybersecurity features.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FY 22                                               | \$ 670,000                   | NA      | Rick Shintaku, General Manager | Water Supply, Reliability and Efficiency |
| South Coast Water District | LS11 Replacement                                                                              | Planning       | To clear right-of-way for the proposed Dana Point Harbor Revitalization Project, the existing Lift Station #11 must be relocated and upgraded, currently at 42 GPM and going to 76 GPM. The Harbor Revitalization Project will require relocation and replacement of the existing Lift Station #11 electrical equipment. These improvements will be designed and constructed by the Developer of the Harbor Revitalization Project. Lift Station #11 has two operating Dry Pit Submersible WEMCO pumps (1991) with a design capacity of 600 gpm. The station receives flow from the northeastern portion of Dana Point Harbor and pumps wastewater to the JB Latham Plant.                                                                                                                                                                                                                                                                 | FY 22                                               | \$ 775,000                   | NA      | Rick Shintaku, General Manager | Water Supply, Reliability and Efficiency |
|                            |                                                                                               |                | This project will complete a District Integrated Water Resources Plan (IWRP). The objectives of this plan will include assessing water supply and system reliability for District customers during droughts, evaluating ways to reduce reliance on imported water, developing water supply strategies and projects that are cost-effective, and options for seeking partnerships in developing new local water supplies with other water agencies that provide mutual benefits to both SCWD and other local partners. The District will study and select targets for recycling, conservation, and desalination.                                                                                                                                                                                                                                                                                                                            | FY 21<br>Estimated to be Completed March/April 2021 |                              |         |                                | Water Supply, Reliability and Efficiency |
| South Coast Water District | Integrated Water Resources Plan                                                               | Planning       | A comprehensive and holistic regional water use efficiency improvement program targeting public agency, residential, commercial, industrial, and institutional properties. Consumer based rebate program will encourage turf replacement with CA friendly landscapes; upgrade of antiquated irrigation and indoor devices and processes; and conversion from potable to recycled water meters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                     |                              | NA      | Rick Shintaku, General Manager | Water Supply, Reliability and Efficiency |



Attachment 1

MWDOC Member Agency Grant Assistance Program Monthly Report

MEMBER AGENCY PROJECT LIST FOR FUNDING

| Agency/Organization            | Project Title                                                                                             | Project Status | Project Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Estimated Completion Date | Estimated Project Total Cost | Partner                                                              | Agency Contact                     | Primary Project Benefit                  |
|--------------------------------|-----------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|----------------------------------------------------------------------|------------------------------------|------------------------------------------|
| South Coast Water District     | Lift Station Assessment                                                                                   | Planning       | This project involves performing a capacity and condition assessment at all District owned Lift Stations and Pump Stations. The District last completed a capacity and condition assessment on the Lift Stations in 2005. Since that time, water usage has changed and the existing infrastructure has continued to age. Performing a capacity and condition assessment on all District owned lift stations and pump stations will help prioritize and plan for future CIP and inform the District's future asset management program. One result of this assessment report is a list of priority LS projects. | FY 21                     | \$ 100,000                   | NA                                                                   | Rick Shintaku, General Manager     | Water Supply, Reliability and Efficiency |
| South Coast Water District     | Advanced Metering Infrastructure (AMI) Project Phase 2                                                    | Planning       | The AMI Project includes the upgrade existing Automatic Meter Reading (AMR) water meters (currently read via vehicle drive-by) with an AMI cellular base technology system that will automatically collect and store hourly consumption data.                                                                                                                                                                                                                                                                                                                                                                 | 1/1/2022                  | \$ 6,000,000                 | NA                                                                   | Rick Shintaku, General Manager     | Water Supply, Reliability and Efficiency |
| South Coast Water District     | Water Harvesting on Aliso Creek                                                                           | Planning       | Improvements to collection facilities on Aliso Creek that would utilize Mobile Urban Runoff Filtration technology to intercept and treat contaminated urban runoff and produce a high purity recycled water product.                                                                                                                                                                                                                                                                                                                                                                                          | 3/1/2020                  | \$ 200,000                   | NA                                                                   | Rick Shintaku, General Manager     | Water Supply, Reliability and Efficiency |
| South Coast Water District     | Groundwater Recovery Facility (GRF) Well 2 Wellhead Improvements and Pipeline - Local Groundwater Project | Planning       | Equip a new brackish well and make conveyance connection to treatment system adding up to 580 AFY of locally produced groundwater. Funding will be for pump, power supply and connection.                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                              | NA                                                                   | Rick Shintaku, General Manager     | Water Supply, Reliability and Efficiency |
| Trabuco Canyon Water District  | Advanced Metering Infrastructure (AMR/AMI Hybrid) Project                                                 | Planning       | The Advanced Metering Infrastructure Project includes upgrades to the existing touch-read water meters (currently read via walking) with an AMR/AMI Hybrid technology system that will automatically collect and store hourly consumption data.                                                                                                                                                                                                                                                                                                                                                               | 2021                      | \$ 2,000,000                 | NA                                                                   | Michael Perea                      | Water Supply, Reliability and Efficiency |
| Trabuco Canyon Water District  | SCADA System Upgrade Project                                                                              | Planning       | Expand and upgrade Trabuco Canyon Water District's SCADA System for Water, Wastewater, Non-Domestic Water systems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2021                      | \$ 4,250,000                 | NA                                                                   | Lorrie Lausten, Principal Engineer | Water Supply, Reliability and Efficiency |
| Trabuco Canyon Water District  | Domestic Water Storage Tank Structural Improvement Evaluation                                             | Planning       | Evaluate domestic water storage tanks for structural stability and seismic activity and overall regulatory compliance; Install flexible coupling and seismic valves where recommended.                                                                                                                                                                                                                                                                                                                                                                                                                        | 2023                      | \$ 5,000,000                 | NA                                                                   | Lorrie Lausten, Principal Engineer | Water Supply, Reliability and Efficiency |
| Trabuco Canyon Water District  | Domestic Water Main Feeder Structural Evaluation and Improvements                                         | Planning       | Evaluate and implement erosion control and slope stabilization measures at existing Transmission Mains; install new structural supports and reinforce or replace unstable foundations and soils and bridge crossings - System wide.                                                                                                                                                                                                                                                                                                                                                                           | 2025                      | \$ 5,000,000                 | NA                                                                   | Lorrie Lausten, Principal Engineer | Water Supply, Reliability and Efficiency |
| Trabuco Canyon Water District  | Robinson Ranch Urban Runoff Capture Facility                                                              | Planning       | Study to evaluate the feasibility of the construction of a facility to capture residential and commercial irrigation runoff                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2021                      | \$ 200,000                   | NA                                                                   | Lorrie Lausten, Principal Engineer | Water Supply, Reliability and Efficiency |
| Trabuco Canyon Water District  | Groundwater Opportunities Exploration Study                                                               | Planning       | Study to evaluate the feasibility of the construction of groundwater well facilities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2021                      | \$ 1,000,000                 | NA                                                                   | Lorrie Lausten, Principal Engineer | Water Supply, Reliability and Efficiency |
| Trabuco Canyon Water District  | District Facility Backup Power Generators for Emergency Purposes                                          | Planning       | Installation of backup power generators, automatic transfer switch, concrete pads, and general electrical.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2021                      | \$ 1,500,000                 | NA                                                                   | Lorrie Lausten, Principal Engineer | Water Supply, Reliability and Efficiency |
| West Orange County Water Board | 6 Miles of OC-35 Transmission Main Cathodic Protection                                                    | Planning       | Provide cathodic protection for the pipe with pipeline electrical continuity with sacrificial anodes to extend the life of a 6 mile long large diameter transmission main built around 1963.                                                                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                   | \$ 4,000,000                 | Cities of Huntington Beach, Westminster, Seal Beach and Garden Grove | Duncan Lee                         | Water Reliability                        |
| West Orange County Water Board | 5.3 Miles of OC-35 Transmission Main Cathodic Protection                                                  | Planning       | Provide cathodic protection for the pipe with pipeline electrical continuity with sacrificial anodes to extend the life of a 5.3 mile long large diameter transmission main built around 1956.                                                                                                                                                                                                                                                                                                                                                                                                                | Ongoing                   | \$ 4,000,000                 | Cities of Huntington Beach, Westminster, Seal Beach and Garden Grove | Duncan Lee                         | Water Reliability                        |
| Yorba Linda Water District     | Fairmont Booster Pump Station                                                                             | Construction   | Replace existing pump station to increase pumping capacity and ability to move water throughout the system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2019                      | \$ 7,240,566                 | NA                                                                   | Anthony Manzano                    | Water Supply, Energy, Reliability        |
| Yorba Linda Water District     | TR 15199 Waterline Replacement                                                                            | Construction   | Replace existing waterlines that have frequent leaks due to soil corrosion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2018                      | \$ 750,000                   | NA                                                                   | Anthony Manzano                    | Water Reliability                        |

Attachment 1

MWDOC Member Agency Grant Assistance Program Monthly Report

MEMBER AGENCY PROJECT LIST FOR FUNDING

| Agency/Organization        | Project Title                                               | Project Status | Project Description                                                                                                                            | Estimated Completion Date | Estimated Project Total Cost | Partner | Agency Contact  | Primary Project Benefit               |
|----------------------------|-------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|---------|-----------------|---------------------------------------|
| Yorba Linda Water District | 2018 Waterline Replacement Project                          | Design         | Replace existing waterlines that are beyond their life expectancy, have broken valves, and are on private property.                            | 2019                      | \$ 1,200,000                 | NA      | Anthony Manzano | Water Reliability                     |
| Yorba Linda Water District | Well Rehabilitation                                         | Planning       | Rehabilitate multiple wells, replace well pumps, and instrumentation and controls.                                                             | 2019, 2020, 2021          | \$ 450,000                   | NA      | Anthony Manzano | Water Supply                          |
| Yorba Linda Water District | Well 22                                                     | Design         | Construct a new well to increase production of groundwater.                                                                                    | 2020                      | \$ 1,400,000                 | NA      | Anthony Manzano | Water Supply, Reliability             |
| Yorba Linda Water District | Apple Creek and Del Rey PRS Rehabilitation                  | Planning       | Rehabilitate or replace station and valve(s) based on age.                                                                                     | 2020                      | \$ 450,000                   | NA      | Anthony Manzano | Water Supply, Energy, Reliability     |
| Yorba Linda Water District | Well 20 Chlorine Generator Rehabilitation                   | Planning       | Replace and upsize chemical systems to provide additional treatment capacity.                                                                  | 2021                      | \$ 300,000                   | NA      | Anthony Manzano | Water Quality                         |
| Yorba Linda Water District | Meter Replacement                                           | Planning       | Replace current meters with AMI system to provide more accurate and hourly consumption data.                                                   | 2021                      | \$ 5,000,000                 | NA      | Anthony Manzano | Water Supply, Efficiency, Reliability |
| Yorba Linda Water District | Imperial Hwy Waterline Replacement                          | Planning       | Replace existing waterlines that are beyond their life expectancy in a high traffic area.                                                      | 2021                      | \$ 2,025,000                 | NA      | Anthony Manzano | Water Reliability                     |
| Yorba Linda Water District | Eisenhower Waterline Replacement                            | Planning       | Replace existing waterlines that are beyond their life expectancy.                                                                             | 2021                      | \$ 1,125,000                 | NA      | Anthony Manzano | Water Reliability                     |
| Yorba Linda Water District | Timber Ridge Booster Pump Station Rehabilitation            | Planning       | Rehabilitate or replace electric pumps and valves and a new engine driven pump in a pump house. Pumps are nearing end of expected useful life. | 2021                      | \$ 1,500,000                 | NA      | Anthony Manzano | Water Supply, Energy, Reliability     |
| Yorba Linda Water District | New River Waterline Replacement                             | Planning       | Replace existing waterlines that are beyond their life expectancy in a high traffic area.                                                      | 2022                      | \$ 1,600,000                 | NA      | Anthony Manzano | Water Reliability                     |
| Yorba Linda Water District | Hidden Hills Booster Pump Station Rehabilitation            | Planning       | Replace pumps to increase capacity to meet future demands. Existing pumps are will be nearing end of expected useful life.                     | 2022                      | \$ 500,000                   | NA      | Anthony Manzano | Water Supply, Energy, Reliability     |
| Yorba Linda Water District | Well 15 Chlorine Generator Rehabilitation                   | Planning       | Rehabilitate or replace feed system, hypochlorite tanks and associated instrumentation and controls.                                           | 2022                      | \$ 146,000                   | NA      | Anthony Manzano | Water Quality                         |
| Yorba Linda Water District | Dominguez Hills and Paseo Del Prado PRS Rehabilitation      | Planning       | Rehabilitate or replace station and valve(s) based on age.                                                                                     | 2022                      | \$ 553,000                   | NA      | Anthony Manzano | Water Supply, Energy, Reliability     |
| Yorba Linda Water District | Well 23                                                     | Planning       | Construct a new well to replace the lost capacities of Wells 1, 5, and 12.                                                                     | 2023                      | \$ 3,500,000                 | NA      | Anthony Manzano | Water Supply, Reliability             |
| Yorba Linda Water District | Rose Drive Waterline Replacement                            | Planning       | Replace existing waterlines that are beyond their life expectancy in a high traffic area.                                                      | 2023                      | \$ 1,000,000                 | NA      | Anthony Manzano | Water Supply, Reliability             |
| Yorba Linda Water District | Santiago and Springview Booster Pump Station Rehabilitation | Planning       | Rehabilitate or replace pumps and valves. Pumps are nearing the end of expected useful life.                                                   | 2023                      | \$ 1,140,000                 | NA      | Anthony Manzano | Water Supply, Energy, Reliability     |



| 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                                                                                                                                                                                                   |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                         |                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Funding Applications with Deadlines</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                |                                                                                                                                                                                                            |
| Water Supply, Reliability and Efficiency                | US Bureau of Reclamation - Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants<br><b>UPDATED</b> | <p>Projects should seek to conserve and use water more efficiently, protect endangered and threatened species, and result in quantifiable and reliable water savings or improved water management.</p> <p>Will fund feasible urban and agricultural projects that improve ecosystem health (including protection of endangered and threatened species), water supply reliability, or water quality of the California Bay-Delta through water use efficiency and conservation measures that result in quantifiable and reliable water savings or improved water management - <b>must have a defined relationship to the Bay-Delta. Majority of ranking score is based on water savings, water benefits, and amount of water sourced from the Delta.</b></p> <p>Applications may include any one, or a combination of the types of projects: canal lining/piping, municipal metering, irrigation flow measurement, SCADA and automation, groundwater recharge, small-scale water recycling and reuse, landscape irrigation measures.</p> <p>Meet goals of CALFED Bay-Delta Program:</p> <p>Goal 1: Reduce existing irrecoverable losses, increasing the overall volume of available water;</p> <p>Goal 2: Achieve multiple state-wide benefits;</p> <p>Goal 3: Preserve local flexibility; and</p> <p>Goal 4: Build on existing water use efficiency programs.</p> | <p>Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the CALFED Solution area within the State of California.</p> <p><a href="https://www.usbr.gov/mp/watershare/docs/calfed-solution-area.pdf">https://www.usbr.gov/mp/watershare/docs/calfed-solution-area.pdf</a></p>                                                                                                                          | <p>Up to \$500,000 per project.</p> <p>Total available funding \$1 million for each fiscal year 2021 and 2022. Anticipated to fund 2-4 projects each fiscal year.</p> <p>Multiple applications from one entity for different projects may be submitted for consideration; however, no more than \$500,000 per project and \$1 million per applicant will be awarded.</p> <p>50% cost share; combined Federal share (USBR and other Federal funding) of any one project shall not exceed 50% of total project costs; cost share must be expended at the same time as the Federal share.</p> <p>For FY 2021 funding, may consider costs since July 1, 2020; for FY 2021, since July 1, 2021.</p> <p>Preference for projects completed within two years of executed financial assistance agreement.</p> | <p>FOA released November 18, 2020.</p> <p><b>Applications Due: FY 2021 January 18, 2021.</b></p> <p><b>Applications Due: FY 2022 November 30, 2021.</b></p> <p>Award Date: May 2021 for FY 2021 and march 2022 for FY 2022.</p> <p>Agreements 3 to 6 months after notification.</p> | <p><a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=329882">https://www.grants.gov/web/grants/view-opportunity.html?oppId=329882</a></p> | <p>FOA Number: BOR-CGB-21-F001</p> <p>CDFA Number: 15.570</p> <p>For examples of previously funded projects, please contact Ms. Anna Sutton at <a href="mailto:asutton@usbr.gov">asutton@usbr.gov</a>.</p> |
| Water Supply, Reliability and Efficiency, Water Quality | US Bureau of Reclamation - Cooperative Watershed Management Program Phase I                                    | <p>Activities in one or more of the following three Task Areas: 1) Watershed group development; 2) Watershed Restoration Planning; and 3) Watershed Management Project Design.</p> <p>Evaluation Criterion includes Stakeholder diversity and geographic scope of the proposed watershed group; critical issues in the watershed and how the group will address issues through their planning efforts; implementation and results; and meeting Department of Interior Priorities. Priority to small to medium subbasin sized watersheds.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>New Watershed Groups: States, Indian tribes, local and special districts (e.g., irrigation and water districts), local governmental entities, interstate organizations, and non-profit organizations that are located in the western United States.</p> <p>Existing Watershed Groups: Eligible entity as above and must either be (1) an Existing Watershed Group (i.e., a grassroots, non-regulatory legal entity or (2) a participant in an Existing Watershed Group.</p> | <p>\$2 million total program for FY21</p> <p>Up to \$100,000 may be awarded to an applicant per award, with no more than \$50,000 per year for a period of up to two years</p> <p>Awards: Anticipate 15-20 projects.</p> <p>Cost Share: No non-Federal cost-share required for Phase I</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p><b>FY21 FOA released November 18, 2020.</b></p> <p><b>Applications Due: January 19, 2021.</b></p>                                                                                                                                                                                | <p><a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=329878">https://www.grants.gov/web/grants/view-opportunity.html?oppId=329878</a></p> | <p>Grants.gov BOR-DO-21-F003</p>                                                                                                                                                                           |

| 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                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wastewater              | CA Energy Commission - GFO-20-309 – Advancing and Commercializing Energy Efficiency in California's Industrial, Agricultural, and Water Sector (2021 ACEE Program)<br><b>NEW</b> | Funds <b>technology development and demonstration projects (at WTP that treat more than 1 million GPD) of promising pre-commercial technologies to increase overall energy efficiency</b> and reach statewide decarbonization goals.<br><br>Demonstrate (at scale) that advanced primary and secondary treatment can increase energy efficiency and increase overall treatment plant capacity while reducing operational and maintenance costs. Must be at technology readiness level of 5-8 with the expectation to progress up one or more levels by the end of the project. Technologies must have a pathway to commercialization and deployment in California's municipal wastewater treatment facilities. Applicants may propose to focus on advanced primary treatment, advanced secondary treatment, or both at the same facility. Show that the technology(ies) can meet permit requirements and are viable upgrades for existing facilities or an alternative process for new wastewater treatment plant design beyond the demonstration site. Example research includes, but is not limited to, the following: • Comparison of advanced primary treatment with conventional secondary treatment to a conventional treatment process. • Comparison of advanced secondary treatment with conventional primary treatment to a conventional process. • Comparison of advanced primary treatment with advanced secondary treatment to a conventional treatment process. • Advanced primary treatment methods include, but are not limited to: Cloth depth filters; Compressible medium filters; Micro-screen; Rotating belt filter/screen; and Other novel filters or filter media. • Advanced secondary treatment methods include, but are not limited to: Aerobic granular sludge; Anaerobic ammonium oxidation. The energy consumption and performance of the advanced treatment will be compared to the baseline during the M&V period. | This solicitation is open to all public and private entities with the exception of local publicly owned electric utilities. In accordance with CPUC Decision 12-05-037, funds administered by the CEC may not be used for any purposes associated with local publicly owned electric utility activities.<br><br>Applications proposing projects located in and benefiting low-income and/or disadvantaged communities within IOU service territories may qualify for additional preference points.                                     | Total estimated funding available: \$4,000,000 for WTP<br>Minimum Award Amount : \$2,000,000<br><br>Requires 20% matching funding.<br><br>Period of Performance: Until funds expire.<br><br>This solicitation will award projects funded by the EPIC, an electricity ratepayer surcharge established by the California Public Utilities Commission (CPUC) in December 2011. The purpose of the EPIC program is to benefit the ratepayers of three investor-owned utilities (IOUs), including Pacific Gas and Electric Co., San Diego Gas and Electric Co., and Southern California Edison Co. | <b>Application guide Released: December 23, 2020.</b><br><br><b>Pre-Application Workshop: January 13, 2021 10am-12pm</b><br><br><b>Questions Deadline: January 20, 2021, 5:00 pm.</b><br><br><b>Application Deadline: March 8, 2021.</b><br><br><b>Anticipated Award Date: Week of 4/5/2021</b><br><br><b>Anticipated Agreement Start &amp; End Dates 6/30/2021 and 3/31/2025</b> | <a href="https://www.energy.ca.gov/solicitations/2020-12/gfo-20-309-advancing-and-commercializing-energy-efficiency-californias">https://www.energy.ca.gov/solicitations/2020-12/gfo-20-309-advancing-and-commercializing-energy-efficiency-californias</a> | Applications will be evaluated as follows:<br>Stage One proposal screening and Stage Two proposal scoring.<br><br>Prospective applicants looking for partnering opportunities for this funding opportunity should register on the California Energy Commission's Empower Innovation website at <a href="http://www.empowerinnovation.net">www.empowerinnovation.net</a> |
| Parks, Wetlands         | 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. To achieve these goals the Department has adopted the following 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.<br><br>Examples of eligible projects include, but are not limited to:<br>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<br><br>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.<br>Total number of awards: TBD<br><br>No required matching funding.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Solicitation Released: November 13, 2020<br><br><b>Application Due: January 22, 2021</b><br><br><b>Award Announcement: Late June 2021</b>                                                                                                                                                                                                                                         | <a href="https://www.grants.ca.gov/grants/california-state-duck-stamp-project/">https://www.grants.ca.gov/grants/california-state-duck-stamp-project/</a>                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                         |

| 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, Watersheds, Habitats | National Fish and Wildlife Foundation - Five Star and Urban Waters Restoration Grant Program<br><b>NEW</b>                                     | The Five Star and Urban Waters Restoration Grant Program, an initiative of the National Fish and Wildlife Foundation, seeks to develop community capacity to sustain local natural resources for future generations by providing financial assistance to diverse local partnerships focused on improving water quality, watersheds, and the species and habitats they support. The focus is on ecological improvements, including wetland, riparian, forest, and coastal habitat restoration; wildlife conservation; community tree canopy enhancement; water quality monitoring; and green infrastructure best management practices for managing run-off. Projects should increase access to the benefits of nature, reduce the impact of environmental hazards, and engage local communities, particularly underserved communities, in project planning, outreach, and implementation. Proposals should address at least one bullet under each of the five following priorities.<br>On-the-Ground Restoration<br>Environmental Outreach, Education & Training<br>Community Partnerships<br>Measurable Results<br>Sustainability                                                                                                                                                                                              | Nonprofit organizations, local and state government agencies, Indian tribes, and educational institutions<br><br>Requires a partnership of five or more partners to implement the project and the project is supported by a strong local partnership that leverages additional funds and will sustain it after the life of the grant.<br><br>Grants for this program are available nationwide. Multiple sources of funding, with some additional funding prioritized to certain geographic areas (not including Orange County). | Total available funding: \$1,500,000<br><br>Award Amount : \$20,000 to \$50,000, average of \$35,000 and 40-50 grants awarded per year.<br><br>Grants should span 12 to 18 months with a start date in late summer/early fall 2021.<br><br>Projects are required to meet or exceed a 1:1 match ratio to be competitive. Matching contributions must be non-federal in nature and may include in-kind contributions of staff and volunteer time, work performed, materials and services donated, cash or other tangible contributions to the project objectives and outcomes. The cost of recent land acquisition or easement may also qualify as match for a project involving work at the acquired site.                                                                                                     | Release Date: November 2020<br><br><b>Application Due: January 28, 2021, 11:59pm EST</b><br><br><b>Review Period: February to July 2021</b><br><br><b>Award Announcement: Late Summer 2021</b> | <a href="https://www.nfwf.org/programs/five-star-and-urban-waters-restoration-grant-program/five-star-and-urban-waters-restoration-grant-program-2021-request-proposals">https://www.nfwf.org/programs/five-star-and-urban-waters-restoration-grant-program/five-star-and-urban-waters-restoration-grant-program-2021-request-proposals</a> | For more information or questions, contact: Chloe Hundelt Coordinator, Community Stewardship 202-595-2434<br>Chloe.Hundelt@nfwf.org |
| Groundwater, Water Quality          | State Water Resources Control Board (SWRCB), Prop 1 Groundwater Grant Program (GWGP)                                                           | Grants to prevent and cleanup contamination of groundwater that serves (or has served) as a source of drinking water.<br>Consistent with water quality protection requirements outlined in Division 7 (commencing with section 13000) of the Water Code, and with applicable Regional Water Board and State Water Board policies, permits, and orders and state infrastructure funding plans, and promote state planning priorities and sustainable community strategies.<br>Planning and monitoring projects that produce a report or information needed to design and build an eligible implementation project.<br>Implementation projects that address contamination in groundwater that serves or has served as a source of drinking water .<br>Drinking Water Treatment Projects that treat groundwater for direct potable use, with no cleanup or remediation of the aquifer.<br>Wastewater Projects that benefit DACs or EDAs and prevent or reduce groundwater contamination.                                                                                                                                                                                                                                                                                                                                          | Eligible grant applicants are public agencies, non-profit organizations, public utilities, federally recognized Indian tribes, California Native American Tribes, and mutual water companies (Water Code section 79712(a-b)).                                                                                                                                                                                                                                                                                                   | Total estimated available funding \$160,000,000.<br>\$144 million set aside for projects serving DACs/EDAs, wit at least \$72 million going to SDACs.<br>Expected number of Awards: TBD.<br>Estimated amount per award: TBD.<br><br>Cost Share 50%, can be reduced for disadvantaged communities.<br><br>Period of Performance: 3 years.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Public Comments on Guidelines Due 12:00 noon on January 4, 2021.<br><b>Amended Guidelines adopted as early as February 2, 2021.</b><br><br><b>Applications Due: TBD</b>                        | <a href="https://www.granits.ca.gov/grants/proposition-1-groundwater-grant-program/">https://www.granits.ca.gov/grants/proposition-1-groundwater-grant-program/</a>                                                                                                                                                                         | DFA staff are proposing amendments to the Proposition 1 Groundwater Grant Program (Prop 1 GWGP) Guidelines.                         |
| Parks                               | California Department of Parks and Recreation - Statewide Park Development and Community Revitalization Program (SPP) Round 4 (Proposition 68) | A PROJECT must involve either DEVELOPMENT or a combination of ACQUISITION and DEVELOPMENT to:<br>Create a new park, expand an existing park, or renovate an existing park. Must include a new recreation opportunity and may also include a major recreation support amenity.<br>All projects must create or renovate at least one recreation feature including but not limited to the following:<br>Acquisition of land for recreation; aquatic center, swimming pool, splash pad, fishing pier or paddling launch; amphitheater/performing arts stage; athletic fields and courts; community gardens, botanical or demonstration gardens and orchards; community/recreation center if in or adjacent to park; dog park; jogging and walking loop, par course, running track; non-motorized trail, pedestrian/bicycle bridge, greenbelt/linear park; outdoor gym exercise equipment; open space and natural area for public recreation use; picnic/BBQ areas; playground, tot lot; public art; skate park, skating rink, BMS or pump track; lighting to allow for extended night time use of a recreation feature; shade structure/covered park area over a recreation feature; restroom building, snack shack; parking lot, staging area, pathway for access to recreation feature; landscaping or lighting throughout park. | Cities, Counties, Districts, Joint Powers Authorities, nonprofits with 501(c)(3) status                                                                                                                                                                                                                                                                                                                                                                                                                                         | Total Available: \$395,302,155<br>Minimum grant request: \$200,000<br>Maximum grant request: \$8,500,000<br><br>A minimum of 20% of total funds available will fund projects that expand or renovate existing parks. 80% can fund creation of new parks.<br><br>High points for areas with critical lack of park space, significant poverty, and includes community-based planning.<br><br>If a project site in a half-mile radius has a ratio of more than 3 acres of park space per 1,000 residents and the community has a median household income above \$56,982, the project is ineligible. Also, if the project does not include designated environmental/sustainable techniques, the project is ineligible.<br><br>No match is required.<br><br>Grant performance period: July 1, 2020 - June 30, 2025 | Final Application Guide Released: July 1, 2020<br>Due Date: December 14, 2020<br><b>Extended Due Date: March 12, 2021</b><br><br>Past Webinars: August 12, 13, and 25, 2020.                   | <a href="https://www.parks.ca.gov/?page_id=29939">https://www.parks.ca.gov/?page_id=29939</a>                                                                                                                                                                                                                                               |                                                                                                                                     |



| 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                                                                                                                                         |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Park                                     | California Department of Parks and Recreation - Prop 68 Parks and Water Bond 2018 - Per Capita Program                                                      | Eligible Projects: Capital outlay (construction or improvements) for recreational purposes, either acquisition or development. and community access projects for recreation purposes.<br>Funding cannot supplant / replace existing expenditures, must be used to supplement expenditures.<br>Only 5% of an allocation can be for Community Access Projects. Grant recipients are encouraged to utilize awards to rehabilitate existing infrastructure and to address deficiencies in neighborhoods lacking access to the outdoors.<br>Community Access Projects defined: transportation; physical activity programming; resource interpretation; multilingual translation; natural sciences; workforce development and career pathways; education; communication related to water, parks, climate, coastal protection, and other outdoor pursuits. Includes meetings; project management; non-capital costs including interpretive and recreational programming, software and software development; in-house employee services related to project; equipment; supplies and materials including educational materials, communication materials. | Local governments (cities, counties, special districts, open space authorities, etc.)                                                                                      | General Per Capita Program: \$185,000,000<br>Urban County Per Capita: \$13,875,000<br><b>Not a competitive program; rather, an allocation program on a per capita basis.</b><br>Funds available in PRC subdivision (a) of 80061 will be allocated to cities and districts. The allocation will be equal to the same ratio as the district's population is to the combined total of the state's population included in incorporated and unincorporated areas within the county, currently estimated at \$177,952.<br>60% of General Per Capita funds are allocated at a \$200,000 minimum based on population to cities and eligible districts, other than a regional park district, regional park and open-space districts, and regional open-space districts.<br>40% of the General Per Capita funds are allocated at a \$400,000 minimum based on population to counties and regional park district, regional park and open-space districts, and regional open-space districts.<br>Match: 20% for those that do not serve a severely disadvantaged community<br>May request up to 25% of the project amount prior to groundbreaking but must still be for reimbursement. Advance payments are only considered if grantee is unable to finance a considerable portion of their project.<br>Retention: Payments before final payment many not exceed 80% = 20% retention. | Per Capita Procedural Guide Released: <b>June 2020</b><br>Mandatory Grant Administration Workshop: Contact OGALS Project Officer (link on webpage for Orange County)<br>Authorizing Resolution Required: Approving the filing of all applications associated with the contract<br><b>Applications for Eligible Projects Due:</b> After Workshop and Resolution Allocations announced: and <b>before December 2021</b><br><b>Contracts Signed:</b> After letter of approval received; <b>no later than June 2022</b><br><b>Projects Complete:</b> Through <b>December 2023</b> | <a href="https://www.parks.ca.gov/?page_id=30095">https://www.parks.ca.gov/?page_id=30095</a>                                                           |                                                                                                                                                  |
| Water Supply, Reliability and Efficiency | US Bureau of Reclamation - Water Conservation Field Services Program, Region 8: Lower Colorado River Region, Financial Assistance for Fiscal Year 2021-2022 | Pre-project activities such as planning and design to support water conservation and water efficiency programs. The four categories of pre-project activities: 1) Water Management Planning, such water management and/or conservation plans; 2) System Optimization Reviews to assess potential for water management improvements and identify a plan of action; 3) Designing water management improvements, such as pipelines, canal linings, water measurement structures, or other water management improvement projects; and 4) Demonstration Conservation Project Technologies, including installation or application of innovative technologies in a new way or in a new setting not previously used locally. Projects need to be completed within 2 years.<br><br>Not eligible: planning studies, appraisal investigations, feasibility studies, special studies, drought contingency plans, Basin Studies, or studies authorized under the Title XVI Water Recycling and Reuse Program, on-the-ground construction activities, and O&M projects.                                                                                       | States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the Lower Colorado Region.          | Approximately \$695,000 available for this funding cycle.<br>Up to \$100,000 for a project (maximum per entity per award year) to be completed within two years from project start date.<br>50% cost-share; Project pre-award costs that have been incurred prior to the date of award but after January 1, 2020 may be submitted for reimbursable and cost-share.<br>Anticipate 8 - 15 awards.<br>In general, proposed projects should be completed within two years of award.<br>Applications submitted under this NOFO may also be considered for additional funding should it become available in FY 2021 or thereafter.<br><br>Reclamation will accept proposals on a continuous basis for this NOFO; therefore, it is not possible to establish a fixed award date.<br>Financial assistance agreements will be awarded to applicants that successfully pass all pre-award reviews and clearances usually within three months.<br>The tentative selection and announcement timeframe will be 60 days after each closing period.                                                                                                                                                                                                                                                                                                                                      | FOA Released: <b>October 6, 2020</b><br><br><b>Applications accepted, evaluated, and selected on a rolling-basis until submission deadlines.</b><br><br><b>Due Date: December 7, 2020 (FY21)</b><br><br><b>Due Date: October 8, 2021 (FY22)</b>                                                                                                                                                                                                                                                                                                                               | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=329327">https://www.grants.gov/web/grants/view-opportunity.html?oppId=329327</a> | BOR-LC-21-F002<br>CDFA number: 15.530                                                                                                            |
| Parks                                    | California Department of Parks and Recreation - Prop 68 Parks and Water Bond 2018 - Regional Parks Program<br><b>UPDATED</b>                                | Competitive grants will create, expand, or improve regional parks and regional park facilities. Regional Park is 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.                                                                                                                                                                                                                                                                                                                                                                                     | 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; funding is not yet available.<br><br>Workshop Registration: <a href="https://www.eventbrite.com/e/regional-park-program-workshop-registration-132108402789">https://www.eventbrite.com/e/regional-park-program-workshop-registration-132108402789</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Final Application Guide: posted October 29, 2020.<br><br><b>Application due date is November 5, 2021.</b><br><br><b>Application Workshops: January 14, 18, 28, or February 2, 2021.</b>                                                                                                                                                                                                                                                                                                                                                                                       | <a href="http://www.parks.ca.gov/?page_id=29940">http://www.parks.ca.gov/?page_id=29940</a>                                                             | Competitive (Application / Pre-Award)<br>Project Officer for Orange County Noelle Breitenbach<br>Noelle.Breitenbach@parks.ca.gov<br>916-654-8686 |

| 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 Natural Resources Agency - Environmental Enhancement and Mitigation Program<br><b>UPDATED</b>                                  | Mitigation of environmental impacts for state transportation facilities. Eligible EEM projects must fit one of the following categories: Urban Forestry to offset vehicular emissions of carbon dioxide; Resources Lands for the acquisition or enhancement of resource lands to mitigate the loss of, or the detriment to, resource lands lying within the right-of-way acquired for transportation improvements; and Mitigation Projects Beyond the Scope of the Lead Agency to mitigate the impact of proposed Transportation Facilities or to enhance the environment.                                                                                                                                                                                                                                                             | State, local, federal, or 501c3 nonprofit organizations.<br><br>Applicants submitting the most competitive proposals will be invited to participate in the next level of the competitive process, anticipated late Summer 2021.                                                                                                           | \$13.4 million available, which includes \$6.7 each from the 2020 and 2021 appropriation.<br>Grants for individual projects are generally limited to \$500,000 each. May recommend up to \$1 million for acquisition projects, based on certain criteria in the Guidelines.<br>Matching funds are not required for EEM Program grants. However, applications which include other sources of funds for the proposed project will be more competitive.<br>In accordance with the provisions of Section 187 and 188 of the Streets and Highways Code, funding will be allocated 40% to recommended projects in northern counties and 60% to recommended projects in southern counties (includes Orange County). | New release date: January 2021<br><br><b>Technical Assistance Workshops: January 19, 21, 26, or 27, 2021.</b><br><br><b>Applications Due: March 5, 2021.</b><br><br>New award date: January 2022 | <a href="http://resources.ca.gov/grants/environmental-enhancement-and-mitigation-eem/">http://resources.ca.gov/grants/environmental-enhancement-and-mitigation-eem/</a><br><br>For questions contact us at (916) 653-2812 OR at <a href="mailto:eeemcoordinator@resources.ca.gov">eeemcoordinator@resources.ca.gov</a> .   |          |
| Water Supply, Reliability and Efficiency, Water Quality | US Bureau of Reclamation - Basin Study Program: Applied Science Grants                                                                    | Applied science projects to develop or improve hydrologic information, water management tools, and modeling and forecasting capabilities. Results from these projects will be used by water managers to increase water supply reliability, provide flexibility in water operations, and improve water management.<br>Projects must be based on known and available technologies and support one or more of the following water management objectives: water supply reliability, improved management of water deliveries, water marketing activities, drought management objectives, conjunctive use of ground and surface water, water rights admin, ability to meet endangered species requirements, watershed health, conservation and efficiency, or other improvement to water supply reliability.                                 | States, Indian tribes, irrigation districts, water districts, universities, non-profit research institutions, organizations with water or power delivery authority, or non-profit organizations located in the Western United States or Territories.                                                                                      | Total Basin Study Program, FY18: \$5.2M FY19: \$5.2M FY20: \$5.2M.<br><br>Total of \$2,000,000<br><br>Funding Group I: Up to \$150,000 for projects to be completed within two years<br>Funding Group II: Up to \$300,000 for projects to be completed within three years<br><br>8-12 awards anticipated<br><br>Cost Share: 50% or more of total project costs                                                                                                                                                                                                                                                                                                                                               | FY20 selections were announced February 11, 2020.<br>FY21 FOA Release: <b>Anticipated in February 2021</b><br>Applications Due: <b>TBD</b>                                                       | <a href="https://www.usbr.gov/watersmart/appliedsci/ence/">https://www.usbr.gov/watersmart/appliedsci/ence/</a><br><br>Funding Opportunity Announcement Number: BOR-DO-19-F012<br>CDEA: 15.557                                                                                                                             |          |
| Flood, Stormwater                                       | Department of Water Resources - Floodplain Management Protection and Risk Awareness Program                                               | The Floodplain Management, Protection and Risk Awareness Grant Program supports local agency efforts to prepare for flooding events by providing financial assistance for flood risk reduction activities related to stormwater, mudslide, and other flash flood related protections. This Program will incorporate an increased focus on economically disadvantaged community assistance and multi-benefit project features.<br><br>This grant program will fund multi-benefit flood risk reduction projects which primarily address stormwater, mudslide, and flash flood-related protections. Priority will be given to flood risk reduction projects located in a Federal Emergency Management Agency (FEMA) special flood hazard area, however funding projects to achieve FEMA certification is not an objective of the Program. | Nonprofit Public Agency Tribal Government<br><br>Eligible funding recipients include any California public agency, nonprofit organization, public utility agency, federally recognized Indian tribe, State Indian tribe listed on the Native American Heritage Commission's California Tribal Consultation List, or mutual water company. | Total Estimated available funding \$25,000,000.<br><br>A match of 25 percent of local cost share (matching fund) is required. Local cost share may include, but is not limited to, federal funds, local funding, or donated services from non-State sources. The local cost share requirement may be waived or reduced for projects that directly benefit a disadvantaged community.<br><br>Period of Performance: 3 years.<br><br>Reimbursement Program.                                                                                                                                                                                                                                                    | Virtual Listening Session: <b>October 20, 2020</b><br><br>Expected Open Date: <b>Summer 2021</b><br><br>Expected Award Announcement: <b>Fall 2021</b>                                            | <a href="https://www.grants.ca.gov/grants/floodplain-management-protection-and-risk-awareness-program-2/">https://www.grants.ca.gov/grants/floodplain-management-protection-and-risk-awareness-program-2/</a>                                                                                                              |          |
| Parks                                                   | California Department of Parks and Recreation: Recreational Infrastructure Revenue Enhancement (RIRE) Program (Prop 68)<br><b>UPDATED</b> | Projects must be for recreational purposes, either acquisition or development, for the purposes of the revenue enhancement measure. Do not submit combined acquisition and development projects. Multiple projects may be completed under one contract; each project requires a separate application packet. Funds must be spent on projects aimed at improving or enhancing local or regional park infrastructure for the purposes of the revenue enhancement measure.                                                                                                                                                                                                                                                                                                                                                                | Local agencies that have obtained voter approval between November 1, 2012, through November 30, 2018, inclusive, for revenue enhancement measures aimed at improving and enhancing local or regional park infrastructure.                                                                                                                 | Total estimated available funding \$37,000,000. Estimated minimum award of \$250,000.<br><br>"Revenue enhancement measure" means the measure identifies a tax or fee that will fund the measure, or extends an existing tax or fee that was otherwise scheduled to expire.<br>"Aimed at" means that the measure must single out recreational park infrastructure as its purpose, rather than providing funding for a range of infrastructure improvements.<br>"Improving and enhancing" means the funds approved by the measure must be directed towards capital outlay, as distinguished from operation and maintenance.                                                                                    | Procedural Guide Released: November 2020<br><br><b>Applications Due: December 31, 2021</b><br><br><b>Contracts Due: March 31, 2022</b>                                                           | <a href="http://www.parks.ca.gov/?page_id=30162">http://www.parks.ca.gov/?page_id=30162</a><br><br><a href="https://www.parks.ca.gov/pages/1008/files/FINAL_RIRE_Procedural_Guide_NOV_2020_11.12.20_11.13.20.pdf">https://www.parks.ca.gov/pages/1008/files/FINAL_RIRE_Procedural_Guide_NOV_2020_11.12.20_11.13.20.pdf</a> |          |



| 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                                    | California Department of Parks and Recreation: Revenue Enhancement Payment Program (Prop 68)<br><b>NEW</b>                                                  | TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Local agencies that have obtained voter approval between November 1, 2012, through November 30, 2018, inclusive, for revenue enhancement measures aimed at improving and enhancing local or regional park infrastructure.                                                                                                                                                                                                                                                                                                                                      | \$250,000 minimum<br>Cost Share: TBD<br><br>Funding source: California Drought, Water Parks, Coastal Protection, and Outdoor Access for All Act of 2018 (Prop 68)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Deadline: TBD (not released yet)</b>                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                 |
| Water Supply, Reliability and Efficiency | California Department of Water Resources - Sustainable Groundwater Management (SGM) Grant Program's Proposition 68 Implementation Round 2<br><b>UPDATED</b> | 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.<br><br>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. | 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.<br><br><b>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.</b> | Total Estimated funding available: \$77,000,000<br><br>\$15 million of the \$77 million available in Round 2 will be for projects that solely benefit Underrepresented Communities.<br><br>Cost Share 25%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Anticipated PSP Release: <b>Spring 2022</b><br><br>Announce Implementation Grant Awards: Winter 2022                                                                                                                                                                             | <a href="https://www.grants.ca.gov/grants/sustainable-groundwater-management-sgm-grant-programs-proposition-68-implementation-round-2/">https://www.grants.ca.gov/grants/sustainable-groundwater-management-sgm-grant-programs-proposition-68-implementation-round-2/</a> | Recommend interested parties to review the 2019 SGM Grant Program Guidelines and the 2020 Implementation PSP for all details. They can be found on our website at: <a href="http://www.water.ca.gov/sgmgrants">www.water.ca.gov/sgmgrants</a>                                                   |
| Wetlands, Habitat                        | California 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.<br><br>Broad categories of HERP projects include, but are not limited to: habitat restoration (e.g., coast, forest, desert, wetland, grassland), wildlife corridors, fisheries enhancements (e.g., fish ladders, barrier removal).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Eligible grant recipients include: Private Landowners, Nonprofit Organizations, Resource Conservation Districts, and Public Agencies.                                                                                                                                                                                                                                                                                                                                                                                                                          | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Pre-applications (Word) accepted on a continuous basis.                                                                                                                                                                                                                          | <a href="https://wcb.ca.gov/Programs/Habitat-Enhancement">https://wcb.ca.gov/Programs/Habitat-Enhancement</a>                                                                                                                                                             |                                                                                                                                                                                                                                                                                                 |
| 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.<br><br>Equipment must exceed government standards, must operate at least 5 years and must not overlap other incentive programs offered by the utility. <b>Measures involving self-generation (renewables) or cogeneration, or equipment that do not involve significant replacement or installation of equipment are NOT eligible.</b>                                                                                                                                              | 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.<br><br>In general, water districts are eligible. To confirm, see utility bill for COMIND/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.<br><br>Incentive Rates:<br>Electric - \$0.12/kWh<br>Gas - \$1.25/Therm<br>Peak Reduction - \$150/KW<br><br><b>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.</b> | 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. | <a href="https://www.sdge.com/businesses/savings-center/rebates-incentives">https://www.sdge.com/businesses/savings-center/rebates-incentives</a>                                                                                                                         | Pre-Application to allow Engineering Services to provide proactive project assistance.<br><br>Pre-inspections are required for all projects.<br><br>SDG&E Energy Savings Center at 1-800-644-6133 or email <a href="mailto:BusinessEnergySavings@sdge.com">BusinessEnergySavings@sdge.com</a> . |

| 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                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | SDG&E, 2020 Energy Efficiency Business Rebates (EEBR) | <b>Non-Lighting Rebates: equipment includes food service, refrigeration, natural gas, HVAC products.</b><br><br>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.<br><br>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. | <a href="https://www.sdge.com/sites/default/files/documents/FINAL_S2070017_EEBR_Handbook.pdf">https://www.sdge.com/sites/default/files/documents/FINAL_S2070017_EEBR_Handbook.pdf</a><br><br><a href="https://www.sdge.com/businesses/savings-center/rebates-incentives/non-lighting-rebates">https://www.sdge.com/businesses/savings-center/rebates-incentives/non-lighting-rebates</a> |                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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.<br><br>On-Bill Financing (OBF) provides interest-free, unsecured financing for purchasing and installing qualified <b>energy-efficient equipment offered through utility rebates and incentives</b> . 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.<br><br>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 electric or natural gas account with SDG&E:<br>• Customer has had an active non-residential account for at least two years<br>• Customer has at least 12 months consumption on current meter<br>• No disconnect notices in the last 12 months<br>• No deposit on SDG&E account<br>• No returned payments within the last 12 months<br>• No broken payment arrangements within the last 12 months<br>• No more than one payment arrangement within the last 12 months<br><br>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:<br><br>Total project cost - Rebates and/or incentives = Loan amount<br><br>• Each non-residential customer may qualify for up to \$100,000 per meter, with a maximum of \$1,000,000 per customer<br>• Each government-funded customer may qualify for up to \$250,000 per meter, with a maximum of \$2,000,000 per customer<br>• Eligible low-income multifamily accounts may qualify for up to \$250,000 per meter, with a maximum of \$1,000,000 per customer<br>• Eligible State of California accounts may qualify for up to \$1,000,000 per meter, with a maximum of \$2,000,000 per customer | Ongoing program                                                                                                                   | <a href="https://www.sdge.com/0-interest-loans-qualifying-businesses">https://www.sdge.com/0-interest-loans-qualifying-businesses</a><br><br><a href="https://www.sdge.com/sites/default/files/documents/FINAL_S1970117_OBF%20Handbook.k.pdf">https://www.sdge.com/sites/default/files/documents/FINAL_S1970117_OBF%20Handbook.k.pdf</a>                                                 | You or your Trade Professional, must also verify that the measures that you're installing are eligible for a rebate or incentive.<br><br>A customer may qualify for multiple loans under the OBF option on the same meter(s), provided the aggregate contracted dollar amount of the loans does not exceed the maximum loan amount for the premises or the maximum loan amount based on customer type. |
| Energy                  | Southern California Edison (SCE), 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.<br><br>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.<br><br>The rebate offering measure rebates are capped at the following:<br>1) The maximum rebate per measure is 100% of the total measure cost.<br>2) The maximum rebate per customer per year is \$2,000,000 per customer, per calendar year. | Ongoing program                                                                                                                   | <a href="https://www.sceonlineapp.com/ExpressSolutions.aspx">https://www.sceonlineapp.com/ExpressSolutions.aspx</a><br><br><a href="https://www.sceonlineapp.com/DocCounter.aspx?did=468">https://www.sceonlineapp.com/DocCounter.aspx?did=468</a>                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                        |

| 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                                                                                                                                                                                                   |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Energy                  | Southern California Edison (SCE), On-Bill Financing 0% Interest Loans                                                    | <p>Program participants will enjoy:</p> <ul style="list-style-type: none"><li>0% interest loans</li><li>No fees</li><li>Convenient loan repayment through your monthly SCE utility bill</li><li>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).</li></ul> <p>To participate in OBF, you'll need to:</p> <ul style="list-style-type: none"><li>Apply for one or more qualifying incentive programs<ul style="list-style-type: none"><li>Express Solutions (for a project not yet installed)</li><li>Customized Solutions</li></ul></li><li>Midstream Point of Purchase Program</li><li>Behavioral Retrocommissioning Program</li><li>Third-Party Programs</li><li>Public Sector Performance Based Retrofit Program</li><li>Capital projects under the Strategic Energy Management Program</li><li>Commercial Quality Maintenance Program</li><li>Local Government and Partnership Programs</li></ul>                                                                                                                  | <p>All SCE business customers are eligible to apply.</p> <p>Have an active SCE account for a minimum of the last two years</p> <p>Be in good credit standing with SCE</p> <p>Confirm that you would only undertake this project with the help of an OBF loan</p>                                                                                                                                                                                                                                                                                                          | <p>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 &amp; Institutional: Loan terms are up to 10 years and Minimum Loan \$5,000, Maximum Load \$1,000,000.</p> <p><b>Bundled OBF Loans</b> — 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.</p> <p><b>Consolidated OBF Loans</b> — 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.</p> | Ongoing program | <a href="https://www.sce.com/business/tools/on-bill-financing">https://www.sce.com/business/tools/on-bill-financing</a>   | You can submit both your OBF and Incentive applications for several incentives or rebate programs, including Express Solutions, Customized Solutions, Retro-Commissioning, or Midstream Point of Purchase. |
| Energy                  | Southern California Edison (SCE), Customized Programs (Custom Behavioral Retrocommissioning and Operational [BRO], NMEC) | <p>The Customized Solutions Program provides financial incentives to qualifying non-residential customers for the permanent installation of 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.</p> <p>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.</p> <p>Must operate at least 5 years, must be permanently installed, cannot overlap with other incentive programs, existing equipment must be decommissioned and removed, and no equivalent deemed offering exists.</p> | <p>Energy Management programs are available to the following customers with a valid and active SCE electric service account:</p> <p>Business customers include commercial, non-profit, industrial, and agricultural businesses.</p> <p>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.</p> | <p>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).</p> <p>Measure and incentive information (BRO):</p> <ul style="list-style-type: none"><li>• \$150/kW</li><li>• \$0.06/kWh</li><li>• \$0.75/therm (Southern California Gas Company customers only)</li></ul> <p>Note: For the purposes of calculating implementation cost, in-house labor can be included if proof of direct project hours and costs are provided.</p>                                                                                                                                                                                                                                                                                       | Ongoing program | <a href="https://www.sceonlineapp.com/CustomizedSolutions.aspx">https://www.sceonlineapp.com/CustomizedSolutions.aspx</a> | Solutions Manual has additional information.                                                                                                                                                               |



| 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                                                                         |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Energy                  | Multiple Utilities, Savings By Design                                                                                    | <p>This program is administered by multiple utility companies, including SCE and SDG&amp;E. SBD encourages high-performance, non-residential building design and construction (new construction), and a variety of solutions to building owners and design teams.</p> <p><i>To be eligible for SBD, projects must be:</i></p> <p>a. At a point in the design development process where the customer can be influenced by the program's offerings to 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.</p> <p><i>Projects may be deemed ineligible for SBD incentives if:</i></p> <p>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, misses applicable deadlines, or installs equipment not previously approved.</p> | Non-residential customers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>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.</p> <p>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.</p> <p>The maximum incentive per project is \$150,000.</p>                                                                                                                                                                                                                                                                                                                                                                                  | Applications must be received by 9/30/2020 to be eligible for SDG&E's Savings By Design Program.                       | <a href="https://www.sceonlineapp.com/SBD.aspx">https://www.sceonlineapp.com/SBD.aspx</a>                     | Refer to the Savings By Design Participant Handbook, last revised December 2019. |
| Energy                  | Department of Energy Loan Programs Office Renewable Energy & Efficient Energy (REEE) Projects, Title XVII Loan Guarantee | <p>A project must meet all of the following requirements:</p> <p>Be an "Eligible Project" as defined in an open solicitation in the technology area described therein. See items 1 and 2 below.</p> <p>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</p> <p>2) Meets both of the following requirements:</p> <p>Avoid, reduce, or sequester anthropogenic emissions of greenhouse gases; and</p> <p>employs new or significantly improved technologies as compared to commercial technologies in services in the United States at the time the guarantee is issued.</p> <p>Be located in the U.S. and provide a reasonable prospect of repayment &amp; must be able to demonstrate that it has sufficient funds to carry out the project and is <b>not benefitting from certain other federal support as more fully described in the applicable solicitation. - See Comments.</b></p> <p><b>Application Fee Part I: \$50,000</b></p> <p><b>Application Fee Part II: \$100,000/350,000</b></p> <p><b>Other fees as well.</b></p> <p><b>Areas of Interest: Advanced Grid Integration &amp; Storage, Drop-in Biofuels, Waste-to-Energy, including methane from landfills, Enhancement of Existing Facilities, Efficiency Improvements.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>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.</p> <p><b>Water districts are eligible applicants.</b></p> | <p>Up to \$4.5 Billion in loan guarantee authority.</p> <p>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.</p> <p>Section 1702(h) of the Energy Policy Act of 2005 requires that DOE "charge and collect fees for guarantees in amounts the Secretary determines are sufficient to cover applicable administrative expenses," which includes both direct and third-party costs. 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.</p> | Multiple Rounds of Applications; accepted monthly 1/15/20 through 3/16/2022. See page 22 of Solicitation Announcement. | <a href="https://www.energy.gov/lpo/loan-programs-office">https://www.energy.gov/lpo/loan-programs-office</a> | Submit applications through the Title XVII online application portal.            |
|                         |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                        |                                                                                                               | Two part application process. NEPA Evaluation/Compliance Required                |

| 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                                                                                                                                                                                                                                                      |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Energy                                           | State Water Resources Control Board (SWRCB), Clean Water State Revolving Fund (CWSRF) Program - Water/Energy Audit | <p>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.</p> <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>Eligible Applicants:</p> <p>Nonprofit, Public Agency, Tribal Government.</p> <p>Any city, town, district, or other public body created under state law, including state agencies A Native American tribal government or an authorized Native American 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.</p>                                                                                                                                        | <p>Total estimated available funding is \$2,000,000.</p> <p>Does not require matching finding.</p> <p>Reimbursement program.</p> <p>Principal forgiveness may be awarded for 100% of the audit costs, up to a maximum of \$35,000.</p>                                                                                                                                                                                                                                                                                                                  | <p>Ongoing. Applications are accepted and awarded continuously.</p> <p>Period of Performance: 1 Year.</p>                                                                                                                | <p><a href="https://www.grants.ca.gov/grants/clean-water-state-revolving-fund-cwsrf-program-water-energy-audit/">https://www.grants.ca.gov/grants/clean-water-state-revolving-fund-cwsrf-program-water-energy-audit/</a></p> | <p>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 provide comments within 30 days. Make any necessary changes to the report and submit the final report.</p> |
| Water Supply, Reliability and Efficiency, Energy | Wildlife Conservation Board, Habitat Enhancement and Restoration Program                                           | <p>The purpose of this program is to provide assistance for the restoration and enhancement of fish and wildlife resources.</p> <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>Eligible Applicants include:</p> <p>Private Landowners</p> <p>Nonprofit Organizations</p> <p>Resource Conservation Districts</p> <p>Public Agencies</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>Total estimated available funding is \$1,000,000.</p> <p>Does not require matching finding.</p> <p>Reimbursement program.</p>                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>Ongoing. Pre-applications are accepted continuously and will be reviewed and recommended by the WCB.</p>                                                                                                              | <p><a href="https://www.grants.ca.gov/grants/habitat-enhancement-and-restoration-program/">https://www.grants.ca.gov/grants/habitat-enhancement-and-restoration-program/</a></p>                                             |                                                                                                                                                                                                                                                               |
| Habitat Enhancement                              | California Department of Water Resources - Desalination Program Proposition 1                                      | <p>The program was established from the Safe and Affordable Drinking Water (SADW) Fund through Senate Bill 200 (SB200) in 2019. The Fund will provide \$130 million per year that will be used to develop and implement sustainable solutions for small systems with violations of drinking water standards. The money may be spent on operations and maintenance costs, cost of consolidating with larger system, provision of replacement water, and funding for administrators to run the small systems.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>Public Agencies, Nonprofit Organizations 501(c)(3) qualified to do business in California, Federally recognized Indian Tribes, State Indian Tribes listed on NAHC consultation list, Public Utilities, Mutual Water Companies.</p>                                                                                                                                                                                                                                                                                                                                                                                                   | <p>\$600,000 of Proposition 50 funds are currently available.</p> <p>The Water Desalination Grant Program will re-open the CAP in September to receive applications for these funds. Grants awarded from these funds will be referred to as CAP4. This continuous application process will continue until the available funds are committed. See schedule in next column.</p> <p>Minimum Funding Match is at least 50 percent of the total cost of the project, which for the purposes of this PSP is 50 percent of the cost of the Funded Project.</p> | <p>Applications accepted on a continuous basis.</p> <p><i>Suspension lifted.</i></p> <p>Open: September 4, 2020</p> <p>Release Round 4 Funding</p> <p>Recommendations: December 2020</p> <p>Grant Awards: March 2021</p> | <p><a href="https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Desalination-Grant-Program">https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Desalination-Grant-Program</a></p>                                     | <p>Webinar for current funding was held August 4, 2020.</p>                                                                                                                                                                                                   |
| Water Supply, Water Quality                      | U.S. Economic Development Corporation: FY 2020 Public Works and Economic Adjustment Assistance Programs            | <p>Investments that support construction, non-construction, technical assistance, and revolving loan fund projects under EDA's Public Works and EAA programs. Designed to leverage existing regional assets and support the implementation of economic development strategies that advance new ideas and creative approaches to advance economic prosperity in distressed communities.</p> <p>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 <a href="https://www.eda.gov/about/investment-priorities.htm">https://www.eda.gov/about/investment-priorities.htm</a>. EDA's website will be updated on January 15, April 15, June 15, or September 15 of each year if there are any revisions to these Investment Priorities.</p> <p>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.</p> | <p>Public and State controlled institutions of higher education</p> <p>Native American tribal governments (Federally recognized)</p> <p>Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education</p> <p>Others (see text field entitled "Additional Information on Eligibility" for clarification)</p> <p>County governments</p> <p>State governments</p> <p>Special district governments</p> <p>Private institutions of higher education</p> <p>City or township governments</p> <p>Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education</p> | <p>Updated 5/7/2020 to reflect the CARES Act</p> <p>\$100,000 to \$30,000,000</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>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.</p>                                                             | <p><a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=321695">https://www.grants.gov/web/grants/view-opportunity.html?oppId=321695</a></p>                                                               | <p><a href="https://www.eda.gov/about/investment-priorities/">https://www.eda.gov/about/investment-priorities/</a></p>                                                                                                                                        |



| 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, Wastewater    | 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. Outlying area is defined as American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the United States Virgin Islands, and the Republic of Palau. 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<br>Award Limits: \$150,000 to \$25 million<br>No match required<br><br>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.<br><br>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<br>Due Date: Immediate on Rolling Basis; currently no closing date listed.                           | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=325616">https://www.grants.gov/web/grants/view-opportunity.html?oppId=325616</a>                             |          |
|                                          |                                                                                                 | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 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 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.<br>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                                        | <a href="https://www.waterboards.ca.gov/water_issues/programs/grants_loans/water_recycling/">https://www.waterboards.ca.gov/water_issues/programs/grants_loans/water_recycling/</a> |          |
| Water Supply, Reliability and Efficiency | California State Water Resources Control Board - Water Recycling Funding Program Grants & Loans | 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. | <a href="http://www.waterboards.ca.gov/water_issues/programs/grants_loans/swic.shtml">http://www.waterboards.ca.gov/water_issues/programs/grants_loans/swic.shtml</a>               |          |

| 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, Water Quality (Groundwater) | California State Water Resources Control Board - Groundwater Quality Funding Site Cleanup subaccount | Site Cleanup Subaccount Program (SCAP) (Senate Bill 445, Hill, 2014), which provides 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. The first step to apply for the SCAP Program is a Pre-Application, which must be submitted electronically using the State Water Board's Financial Assistance Application Submittal Tool (FAAST). 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, source identification, or implementation of cleanup.                                                                                                                                                                                                                                                                                                                                                                                       | Applicants with eligible projects                                                                                                                                                                                                                                 | Annual appropriations of \$19.5 million. There are no funding request limits. There is no cost match required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Continuous Pre-application process – no deadlines.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="https://www.waterboards.ca.gov/drinking_water/issue/s/programs/grants_loa/ns/scap/">https://www.waterboards.ca.gov/drinking_water/issue/s/programs/grants_loa/ns/scap/</a>                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                           |
| Water Supply, Water Quality (Groundwater) | California State Water Resources Control Board - Drinking Water State Revolving Fund/ Proposition 1  | 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:<br>Treatment systems<br>Distribution systems<br>Interconnections<br>Pipeline extensions<br>Water sources<br>Water meters<br>Water storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Must be a public water system.<br><br>Project must be needed to comply with the SDWA and/or water works standards.<br><br>System must meet technical, managerial, and financial requirements<br><br>Grants may be available to small disadvantaged water systems. | No limit or cap on loan funding. Check current IUP for grant eligibility and maximums.<br><br>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.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Applications accepted on a continuous basis.<br><br>Intended Use Plan approved June 16, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="http://www.waterboards.ca.gov/drinking_water/services/funding/SRF.html">www.waterboards.ca.gov/drinking_water/services/funding/SRF.html</a>                                                                                                                                                                                                                                 | <b>May 2020 Webcast:</b><br>Changes to the CWSRF program, status of programs, proposed schedule for IUPs, implementation plans.                                                                                                                                                                                           |
| Water Supply, Water Quality               | California State Water Resources Control Board - Clean Water State Revolving Fund Program            | 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.<br><br>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 (current list of 115 projects); July starts the funding agreement process.<br>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.<br><br>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. | 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; however, CWSRF is limited to \$1 billion annually. Prop 68 will provide more water recycling grant funds, available in July of 2019. Green Project Reserve funds are at the discretion of the program.<br>• Interest rate is ½ of the most recent General Obligation Bond Rate at time of funding approval. (Most recent data, March 9, 2017, indicates interest rate as 1.5%).<br>• Financing term is up to 30 years or the useful life of the project.<br>• Repayment begins 1 year after completion of construction. Applicant submits complete application package including general, financial, technical, and environmental packages.<br><br>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. | Applications accepted on a continuous basis; however, must be submitted by December 31st each year for consideration the following year .<br>Intended Use Plan approved June 16, 2020<br>Public Workshop and Webcast for Intended Use Plan: May 20, 2020<br>Video and presentation posted on webpage.<br><b>Fundable list</b><br><b>scoring/creation general timeline:</b><br><b>Dec 31 - deadline for complete applications;</b><br><b>Jan 31 - deadline for PMs to complete app scoring; Feb-April - DFA internal review;</b><br><b>April/May - Draft Fundable List released;</b><br><b>public comment period open; June - Fundable List to Board for consideration &amp; adoption</b> | <a href="https://www.waterboards.ca.gov/drinking_water/issue/s/programs/grants_loa/ns/srf/srf_forms.shtml">https://www.waterboards.ca.gov/drinking_water/issue/s/programs/grants_loa/ns/srf/srf_forms.shtml</a><br><br><a href="https://www.waterboards.ca.gov/drinking_water/services/funding/SRF.html">https://www.waterboards.ca.gov/drinking_water/services/funding/SRF.html</a> | Contact the Division as early as possible to coordinate your financing with your project's schedule. Contact info:<br><br>CleanWaterSRF@waterboards.ca.gov or phone (916) 327-9978<br><br><b>May 2020 Webcast:</b><br>Changes to the CWSRF program, status of programs, proposed schedule for IUPs, implementation plans. |

| 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 (Recycling)                                                        | California Infrastructure and Economic Development Bank (IBank) - Infrastructure State Revolving Fund (ISRF) Program | Provide financing for public infrastructure projects such as: <ul style="list-style-type: none"><li>• Water Treatment and Distribution</li><li>• Drainage and Flood Control</li><li>• Sewage Collection and Treatment</li><li>• Parks and Recreation Facility</li><li>• City Street</li><li>• Educational Facility</li><li>• Educational, Cultural, and Social Facility</li><li>• Port Facility</li><li>• Public Safety Facility</li><li>• State Highway</li><li>• County Highway</li><li>• Environmental Mitigation Measures</li><li>• Power or Communications Facility</li><li>• Public Transit</li><li>• Military Infrastructure</li><li>• Defense Conversion</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 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.<br><br>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.                                                                                                                                                             | <a href="http://www.ibank.ca.gov/infrastructure-state-revolving-fund-isrf-program/">http://www.ibank.ca.gov/infrastructure-state-revolving-fund-isrf-program/</a> |                                                                                                         |
| Water Supply, Reliability and Efficiency, Water Quality, Flood Management, Park | 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.<br><br>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<br>All Coastal Conservancy Purposes: \$85 million<br>Anticipate to award funding over the five-year period 2019-2024                                                                                                                                                                                                                                                                                                                       | Final Solicitation and Evaluation Guidelines - August 2019 (but still draft on website as of 9/22/20);<br><b>Pre-Proposals accepted on rolling basis to grants@scc.ca.gov;</b> proposals; Board meetings 5 times per year                    | <a href="https://scc.ca.gov/grants/proposition-68-grants/">https://scc.ca.gov/grants/proposition-68-grants/</a>                                                   | Pre-proposal forms can be found through a link on the webpage                                           |
| Water Supply, Reliability and Efficiency Water Quality                          | S.D. Bechtel Foundation                                                                                              | The Foundation's strategies focus on informing, demonstrating, and replicating water management solutions to meet the current and future water needs of California's communities, farms, and ecosystems. Strategies include building knowledge and information systems, and promoting integrated solutions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | The Foundation does not accept unsolicited grant requests, so relationship building is required to receive an invitation. Upon contact with the Foundation, they will provide eligibility requirements                                                                                                                                                                                                          | TBD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Foundation staff reviews proposals on a continuous basis. Once a complete proposal is submitted via the Grantee Portal, a decision can usually be made within three months, and the applying organization is notified promptly at that time. | <a href="http://sdbirfoundation.org/for-grantees/">http://sdbirfoundation.org/for-grantees/</a>                                                                   | The Foundation is spending down and the Board of Directors decided to invest all of its assets by 2020. |
| Water Supply, Reliability and Efficiency, Water Quality, Flood Management       | US Environmental Protection Agency FEMA Hazard Mitigation Grant Program                                              | Helps communities implement hazard mitigation measures following a Presidential Major Disaster Declaration in the areas of the state, tribe, or territory requested by the Governor or Tribal Executive. HMGP provides funds to states, tribes, and local communities after a disaster declaration to protect public or private property through various mitigation measures. Examples of mitigation projects that can be funded through HMGP include, but are not limited to:<br><br>*Dry Floodproofing of Historic Residential Structures – The home is protected with barriers to prevent floodwater from entering. *Hazard Mitigation Plan – HMGP funding can also be used for mitigation planning activities. *Mitigating Flood and Drought Conditions – Aquifer storage and recovery, floodplain and stream restoration, flood diversion and storage, or green infrastructure methods may support communities in reducing the risks associated with the impacts of flood and drought conditions. *Wildfire Mitigation – Fire-resistant materials are used on the exterior of the home and trees or brush are cleared to remove flammable materials from around the home. *Wind Retrofit – Enhancements to strengthen the roof, walls, doors, and windows and minimize damage caused by high winds. | Individuals, businesses and private nonprofits via local governments, can apply for HMGP funding. Individuals may not apply directly for HMGP funding, but may be sponsored through an appropriate subapplicant via a local government, state agency, tribe or tribal agency, or private nonprofit. Applications are submitted to the state, eligible tribe, or territory, which receives HMGP funds from FEMA. | FEMA provides up to 75 percent of the funds for mitigation projects. The remaining 25 percent can come from a variety of sources. A cash payment from the state, local government or in some cases directly from the individual is the most direct option. Other sources may include donated resources, such as construction labor; increased Cost of Compliance (ICC) funds from a flood insurance policy; or loans from other government agencies, such as the Small Business Administration. | Applications accepted on a continuous basis.                                                                                                                                                                                                 | <a href="https://www.fema.gov/hazard-mitigation-grant-program">https://www.fema.gov/hazard-mitigation-grant-program</a>                                           |                                                                                                         |



| 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, and Wastewater, Flood Management | US Environmental Protection Agency<br>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: <ul style="list-style-type: none"><li>• Be required as the direct result of a Presidentially declared disaster;</li><li>• Be performed at a facility that had been in active use at the time of the disaster;</li><li>• Occur within the designated disaster area; and</li><li>• Be the legal responsibility of the applicant at the time of the disaster.</li></ul> 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.                                                                                                                                                                                                         | <a href="https://www.epa.gov/sites/production/files/2015-08/documents/public-assistance-for-water-and-wastewater-utilities-in-emergencies-and-disasters.pdf">https://www.epa.gov/sites/production/files/2015-08/documents/public-assistance-for-water-and-wastewater-utilities-in-emergencies-and-disasters.pdf</a> |                                                                                                                                                                                                                                                                                                         |
| Water Supply, Reliability and Efficiency, and Wastewater                   | 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.<br><br>Construction must start within 2 years after agreement execution and start operations 4 years after agreement execution. | 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.                                                                                                                                                             | Most current information as of November 2018 (verified 9/22/20): 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.                                                                                 | 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.                                                                                         | <a href="http://www.mwdh2o.com/PDF/About_Your_Water/2.4.3.1_Local_Resources_Program_Application.pdf">http://www.mwdh2o.com/PDF/About_Your_Water/2.4.3.1_Local_Resources_Program_Application.pdf</a>                                                                                                                 | Contact Mr. Ray Mokhtari at (213) 217-6142 or via email at rmokhtari@mwdh2o.com.                                                                                                                                                                                                                        |
| 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: <ul style="list-style-type: none"><li>• Project design</li><li>• Permitting</li><li>• Construction costs associated with the retrofit of potable to recycled water systems</li><li>• Connection fees</li><li>• Required recycled water signage.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                 | 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. 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. In addition, you must abide by the terms and conditions listed in the application. | This program provides incentives of \$195 per acre-foot for five years of estimated water use, up to actual retrofit costs.                                                                                                                                                                                                                                                                                                                   | 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. | <a href="http://bewaterwise.com/on-site-retrofit-program.html">http://bewaterwise.com/on-site-retrofit-program.html</a>                                                                                                                                                                                             | 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. |
| Water Supply, Reliability and Efficiency                                   | US Environmental Protection Agency (EPA) 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.                                                                                                               | <a href="https://www.mwdoc.com/save-water/rebates/smart-sprinkler-timers/">https://www.mwdoc.com/save-water/rebates/smart-sprinkler-timers/</a>                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                         |



| 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                | California Department of Water Resources - CalConserve Revolving Fund Proposition 1 Chapter 7, §79746(a) | 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. Zero interest loans for local agencies to fund residential water use efficiency upgrades and/or leak detection repair.                                                                                                                                                                                                                              | 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 Public Utilities Commission.                                                                                                                                                              | \$6.75 million remaining funds available: \$1.75 million for water use efficiency upgrades to eligible residents; \$5 million for low-interest loans to customers for difficult and expensive leak detection and repair                                                                                                                                                         | The application period is open on a continuous basis as long as funds are available.                                                                             | <a href="https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/CalConserve-Water-Use-Efficiency-Loan-Program">https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/CalConserve-Water-Use-Efficiency-Loan-Program</a>                                                                                                                         |                                                                        |
| 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. 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 - Division of Financial Assistance for final funding determination.                                                                                                      | Emergency funding may not exceed \$500,000 per project.                                                                                                                                                                                                                                                                                                                         | Application accepted on a continuous basis.                                                                                                                      | <a href="https://www.waterboards.ca.gov/drinking_water/certlic/drought/pwdocuments/drought/PWSDE%20-%20Drought%20Emergency%20-%20Criteria(Guidelines)%203-28-14-final.pdf">https://www.waterboards.ca.gov/drinking_water/certlic/drought/pwdocuments/drought/PWSDE%20-%20Drought%20Emergency%20-%20Criteria(Guidelines)%203-28-14-final.pdf</a> |                                                                        |
| Water Supply                                            | California State Water Resources Control Board - Interim Emergency Drinking Water                        | Interim emergency drinking water to disadvantaged communities with a contaminated water supply. In summary, a total of \$19 million in funding from the CAA is available for disadvantaged communities to address interim emergency drinking water needs due to drought related emergencies or threatened emergencies, and contaminated water supplies: Bottled Water; Well Repair, Well Rehabilitation, and Replacement; Vending Machines; Point of Use Devices (for example, Filtration); Hauled Water; Emergency Interties; Treatment Systems | Public Agencies (that serve disadvantaged communities); Community Water Systems (that serve disadvantaged communities); Not-for-Profit Organizations (that serve disadvantaged communities); Tribal Governments (that serve disadvantaged communities)                                                                                                                                                                                                                                                                           | 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.                                                                                                                                                        | Applications accepted on a continuous basis.                                                                                                                     | <a href="https://www.waterboards.ca.gov/grants_loans/caa/dw_drought/fundings_guidelines.pdf">https://www.waterboards.ca.gov/grants_loans/caa/dw_drought/fundings_guidelines.pdf</a>                                                                                                                                                             |                                                                        |
| 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 | <a href="http://resourceslegacyfund.org">http://resourceslegacyfund.org</a>                                                                                                                                                                                                                                                                     |                                                                        |
| 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.          | <a href="https://www.coca-colacompany.com/our-company/the-coca-cola-foundation">https://www.coca-colacompany.com/our-company/the-coca-cola-foundation</a>                                                                                                                                                                                       | Applications must be submitted electronically using the link provided. |
| Water Quality, Water Supply, Reliability and Efficiency | 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.                                                                                                                                                    | <ul style="list-style-type: none"><li>• Grantee is not eligible for the UST Cleanup Fund.</li><li>• Grantee did not cause or contribute to release.</li><li>• Grantee has no affiliation with a person who caused or contributed to the release.</li><li>• Principal source of contamination is from a petroleum UST.</li><li>• No financially responsible party has been identified to pay for the cleanup costs.</li></ul> All interested parties seeking OSCF grants must complete and submit an OSCF application for review. | The OSCF program is no longer limited to funding only brownfield sites. The maximum amount of grant monies available for an eligible occurrence is \$1.5 million for grant applications filed before January 1, 2015. 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.                                                                                                                      | <a href="https://www.waterboards.ca.gov/water_issues/programs/ustc/foscfs.html">https://www.waterboards.ca.gov/water_issues/programs/ustc/foscfs.html</a>                                                                                                                                                                                       |                                                                        |

| 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           | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Projects may be submitted all year round.                                                                                                                                                                                             | <a href="http://www.calrecycle.ca.gov/EnvironmentalJustice/SEP/">http://www.calrecycle.ca.gov/EnvironmentalJustice/SEP/</a>                                                                                               | To apply, fill out the proposal form here: <a href="https://calepa.ca.gov/sep-proposal-form/">https://calepa.ca.gov/sep-proposal-form/</a> . For additional information on submitting a SEP proposal, please read CalRecycle's SEP Criteria and Categories document or e-mail EnvironmentalJustice@calrecycle.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 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. | <a href="https://www.waterboards.ca.gov/water_issues/programs/enforcement/sep.html">https://www.waterboards.ca.gov/water_issues/programs/enforcement/sep.html</a>                                                         | Matthew Buffleben at <a href="mailto:Matthew.Buffleben@waterboards.ca.gov">Matthew.Buffleben@waterboards.ca.gov</a> can also assist in connecting you with the appropriate Regional Water Board or State Water Board Division contact.                                                                                                                    |
| 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<br>Webpage last updated 6/2/2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Continuous application process.                                                                                                                                                                                                       | <a href="https://www.waterboards.ca.gov/water_issues/programs/grants_loans/agdrain/agdrain_mgmt.shtml">https://www.waterboards.ca.gov/water_issues/programs/grants_loans/agdrain/agdrain_mgmt.shtml</a>                   | Conny Mitterhofer<br>Senior Water Resource Control Engineer<br>Division of Financial Assistance<br>(916) 341-5720                                                                                                                                                                                                                                         |
| 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<br>Webpage last updated 6/2/2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Continuous application process.                                                                                                                                                                                                       | <a href="https://www.waterboards.ca.gov/water_issues/programs/grants_loans/agdrain/agdrain_loans.shtml#funding">https://www.waterboards.ca.gov/water_issues/programs/grants_loans/agdrain/agdrain_loans.shtml#funding</a> | Conny Mitterhofer<br>Senior Water Resource Control Engineer<br>Division of Financial Assistance<br>(916) 341-5720                                                                                                                                                                                                                                         |
| 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. SEP's are projects that:<br>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. <a href="https://calepa.ca.gov/enforcement/supplemental-environmental-projects/">https://calepa.ca.gov/enforcement/supplemental-environmental-projects/</a> | Public or non-profit (NGO) entity with a project that meets the following:<br>Prioritizes projects in communities where a violation occurred;<br>Prioritizes projects in environmental justice communities and disadvantaged communities;<br>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.                                                                                                                                                                                                       | <a href="https://dtsc.ca.gov/supplemental-environmental-projects/">https://dtsc.ca.gov/supplemental-environmental-projects/</a>                                                                                           | To stay updated on all future announcements about SEPs, please send an email to <a href="mailto:sepprojectcomment@dtsc.ca.gov">sepprojectcomment@dtsc.ca.gov</a> v. CalEPA's form can be found at their website here: <a href="https://calepa.ca.gov/supplemental-environmental-projects/">https://calepa.ca.gov/supplemental-environmental-projects/</a> |



| 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 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: <a href="https://calepa.ca.gov/sep-proposal-form/">https://calepa.ca.gov/sep-proposal-form/</a>         | Public entities and stakeholder organizations (NGOs).                                                                                                                                                                                                                                                                     | The amount of the SEP may be up to 50% of the settlement penalties.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Continuous application process.              | <a href="http://www.cdpr.ca.gov/docs/enforce/enfords/sep_policy.htm">http://www.cdpr.ca.gov/docs/enforce/enfords/sep_policy.htm</a>                                                                                                                       | For content questions, contact:<br>Marta Barlow, Acting Chief Counsel<br>Phone: (916) 324-2666<br>E-mail: Marta.Barlow@cdpr.ca.gov                                                                             |
| Water Quality                                                                | 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.         | <a href="https://www.packard.org/what-we-fund/ocean/">https://www.packard.org/what-we-fund/ocean/</a>                                                                                                                                                     |                                                                                                                                                                                                                |
| Energy                                                                       | 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.<br>Environmental: These efforts may include recycling initiatives, clean-ups, educational programs, the construction of nature trails and research projects.<br>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. | Governmental agencies; environmental and community groups; and trade, professional and industry associations devoted to efforts that protect, conserve and sustain our environmental resources.                                                                                                                           | 2019 Median Award \$25,000.<br>534 Grants and Sponsorships.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Applications accepted on a continuous basis. | <a href="https://www.marathonpetroleum.com/Sustainability/Creating-Shared-Value-and-Opportunity/Marathon-Petroleum-Foundation/">https://www.marathonpetroleum.com/Sustainability/Creating-Shared-Value-and-Opportunity/Marathon-Petroleum-Foundation/</a> |                                                                                                                                                                                                                |
| STEM Education, Environmental Conservation and Sustainability, Public Safety | Southern California Edison or SDG&E - Self Generation Incentive Program (SGIP) <b>UPDATED</b>                                          | 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.<br>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 (DER) 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.<br><br><b>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: <a href="https://sites.energycenter.org/sgip/incentives">https://sites.energycenter.org/sgip/incentives</a></b><br><br>So Cal Edison or SDG&E Customers can apply.                                                                                                                                                                                                                                   | Applications accepted on a continuous basis. | <a href="https://www.selfgenca.com/home/about/">https://www.selfgenca.com/home/about/</a>                                                                                                                                                                 | All SGIP applications and required documents at all stages of the application process must be submitted via the SGIP online application database at <a href="http://www.selfgenca.com">www.selfgenca.com</a> . |
| 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: <ul style="list-style-type: none"><li>• Energy Efficiency</li><li>• Renewable Energy Sector</li><li>• Energy Storage</li><li>• Water Sector</li><li>• Alternative Technologies</li><li>• Alternative Fuels</li><li>• Transportation</li><li>• Statewide Energy Efficiency Program (SWEEP)</li><li>• LED Street Lighting Program (LED Program)</li></ul>                                                                                                                                                                    | 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.<br><br>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. | <a href="http://www.ibank.ca.gov/clean-center/">http://www.ibank.ca.gov/clean-center/</a>                                                                                                                                                                 | Contact Lina Benedict: (916) 838-4690.                                                                                                                                                                         |

| 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                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Energy                  | California Energy Commission (CEC):<br>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<br><br>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 | <a href="https://www.energy.ca.gov/programs-and-topics/programs/energy-partnership-program">https://www.energy.ca.gov/programs-and-topics/programs/energy-partnership-program</a> | Program in place since prior to 2014; state funding is limited, but program is still open. |
| Energy                  | California Energy Commission (CEC):<br>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 demand and 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: <ul style="list-style-type: none"><li>• Lighting systems</li><li>• Heating, ventilation and air conditioning equipment</li><li>• Streetlights and LED traffic signals</li><li>• Energy management systems and equipment controls</li><li>• Pumps and motors</li><li>• Building envelope and insulation</li><li>• Energy generation including renewable energy and combined heat and power projects</li><li>• Water and waste water treatment equipment</li></ul>                | Cities, Counties, Specials Districts, Public Colleges or Universities<br><br>Projects are not eligible if they have already received other sources of state funding. | As of September 2020, the program has about \$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 | <a href="http://www.energy.ca.gov/efficiency/financing/">http://www.energy.ca.gov/efficiency/financing/</a>                                                                       | Notice and Application Release Date: 9/8/17                                                |

| 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                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Funding Applications with Past or Anticipated Deadlines</b> |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Wetlands                                                       | US Environmental Protection Agency - National Wetland Program Development Grants                                                          | <p>The goals of EPA's Wetlands Program include increasing the quantity and quality of wetlands in the United States by conserving and restoring wetland acreage and improving wetland condition. Under the WPDGs, EPA seeks to build the capacity of all levels of government to develop or refine effective, comprehensive programs for wetland protection and management.</p> <p>Each application submitted under this announcement must address the National Priority Area described below.</p> <p>Applicants may submit more than one application under this announcement as long as they are for different projects and each one is separately submitted and addresses the requirements of this announcement.</p> <p>The CEF describes in greater detail each of the four core elements that support a comprehensive state/tribal wetland program. These four core elements are:</p> <ul style="list-style-type: none"><li>- Monitoring and assessment.</li><li>- Voluntary restoration and protection.</li><li>- Regulatory approaches, including CWA Section 401 certification.</li><li>- Wetland-specific water quality standards.</li></ul> | <p>States, tribes, local government agencies, interstate agencies, and intertribal consortia; also universities that are agencies of a state government; non-profits are not eligible.</p>                                                                                                                                                                                                                                                                                                                     | <p>The total amount of expected federal funding available under this announcement is approximately \$660,000, depending on Agency funding levels, the quality of proposals received, and other applicable considerations.</p> <p>EPA will fund a maximum of 75 percent of the total project cost. It is anticipated that approximately three to seven awards will be incrementally funded under this announcement.</p> <p>The federal portion of the awards for projects selected will range from \$75,000 to \$200,000, depending on the amount requested and the overall size and scope of the projects.</p> <p>It is anticipated that awards under this announcement will have one to four year project periods.</p> | FOA posted: Oct 30, 2020.<br><br>Applications Due: January 12, 2021.                                                                                                                                 | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=329641">https://www.grants.gov/web/grants/view-opportunity.html?oppId=329641</a>                                                                                                                   | EPA-OW-OWOW-20-04. Following EPA's evaluation of proposals, all applicants will be notified regarding their status. Final application(s) will be requested from those eligible entities whose proposal(s) has been successfully evaluated and preliminarily recommended for award. Those entities will be provided with instructions and a due date for submittal of the final application package. |
| Water Supply, Reliability and Efficiency                       | California Department of Water Resources - Sustainable Groundwater Management (SGM) Grant Program's Proposition 68 Implementation Round 1 | <p>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.</p> <p>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.</p> <p>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.</p>               | <p>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.</p> <p>The Implementation Round 1 grant solicitation is solely for critically overdrafted (COD) basins that are NOT adjudicated, seeking adjudication, or are listed as probationary by the State Water Resources Control Board.</p> | <p>Total Estimated funding available: \$26,000,000</p> <p>\$5 million of the \$26 million available in Round 1 will be for projects that solely benefit Underrepresented Communities.</p> <p>Estimated Amount Per Award \$2,000,000 - \$5,000,000</p> <p>Cost Share 25%</p>                                                                                                                                                                                                                                                                                                                                                                                                                                             | PSP Released: October 2020.<br><br>Application Assistance Workshop: December 3, 2020, 2pm PDT<br><br>Application Deadline: January 8, 2021<br><br>Announce Implementation Grant Awards: May 15, 2021 | <a href="https://www.grants.ca.gov/grants/sustainable-groundwater-management-sgm-grant-programs-proposition-68-implementation-round-1/">https://www.grants.ca.gov/grants/sustainable-groundwater-management-sgm-grant-programs-proposition-68-implementation-round-1/</a> | Recommend interested parties to review the 2019 SGM Grant Program Guidelines and the 2020 Implementation PSP for all details. They can be found on our website at: <a href="http://www.water.ca.gov/sgmgrants">www.water.ca.gov/sgmgrants</a>                                                                                                                                                       |



| 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 | US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Contingency Planning Grants for Fiscal Years 2020 and 2021 | Development or update of comprehensive drought contingency plans; must include participants by multiple stakeholders and identify potential mitigation and response actions, among other program requirements. Must be complete within two (2) years of award.<br>To be eligible, applicants must participate in a technical consultation with Reclamation staff prior to development of a proposal. Schedule a technical consultation with Darion Mayhorn, dmayhorn@usbr.gov or 303-445-3121.<br>Proposals for the development of a new Drought Contingency Plan, or an update to an existing plan, are eligible for funding. Projects must include establishment of a drought planning task force, develop a detailed work plan, and a communication and outreach plan. Projects considering multiple entities working together to meet the required project components across multiple applications are also eligible for funding. Development of planning studies, other than Drought Contingency Plans, are not eligible.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the 17 western United States and Hawaii (except Alaska).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Total Drought Response Program FY18: \$8.5M, FY19: \$9M, FY20: \$4M<br><br>Up to \$200,000<br>Cost Share: 50% or greater, in exceptional cases, a reduction or waiver may be considered.<br>Approximately 5-10 projects anticipated for awards per application submittal period.<br>Contract type: Cooperative Agreement (means USBR will have substantial involvement)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FY20 selections announced April 17, 2020<br><b>FY21 FOA Released October 5, 2020</b><br><br><b>Due Date: January 6, 2021</b><br><br>Webinar Wednesday, October 14th at 10:30am MDT<br><br>Awards: Expected Spring 2021.                                                                                  | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=322320">https://www.grants.gov/web/grants/view-opportunity.html?oppId=322320</a><br><br><a href="https://bor.webex.com/bor/j.php?MTID=m5627c1f9f178316a1844347e02bcfb7">https://bor.webex.com/bor/j.php?MTID=m5627c1f9f178316a1844347e02bcfb7</a><br><br>Meeting number: 199 036 4467 and Password: k6Q8AP6NJPD                                                                                                                                       |          |
| Water Quality, Wildfire                  | California State Water Resources Control Board - 2021 Nonpoint Source Grant Program - U.S. EPA Clean Water Act Section 319                 | Implementation proposals for impaired waters, or projects that implement practices to improve impaired waters, or for protection of high-quality waters, or implementation of practices for post-fire recovery, or related planning. The proposal instructions and minimum eligibility criteria differ by project type.<br>Projects that install treatments or management practices to reduce and mitigate the effects of nonpoint source pollutants, such as sediment, pesticides, and nutrients, to waters of the state.<br>Must address NPS Program Preferences for Santa Ana Region noted in Section H (pg. 29 of Guidelines). Post-fire recovery proposals to address recovery needs in areas affected by fire where the fire has occurred in the last two years and the area has been covered by an emergency proclamation by the CA Governor. Post-fire recovery projects that reduce threats to endangered and threatened species and/or municipal drinking water supplies will be preferentially considered for funding. In addition, some funds may be available for planning for the restoration of and/or assessment of fire impacted areas.<br>Planning proposals that focus on any of the waterbody-pollutant combinations listed in the Regional Program preferences, or for planning for the restoration of and/or assessment of fire-impacted areas. Cannot be projects required by or implement a NPDES permit, and not just education, outreach, research or pilot projects. | 501(c)(3) organization, Federally Recognized Tribe, or federal, state, local, or other public agency or public college.<br>Strongly encouraged to discuss proposals with RWQCB well in advance of submitting proposals, but must consult with staff after proposal is submitted.<br>Applicants should contact their corresponding RWQCB NPS Grant Coordinator listed in Appendix 6 of the Guidelines to provide the applicants with a copy of the 2020 Attachment E: Budget Template (required form for FAAST). The NPS Grant Coordinators can provide applicants with valuable guidance, review and comments on project proposals prior to submission. Grant Coordinators may also review and comment on draft proposals. | Total Available Funding: \$4 million<br><br>Awards: Minimum \$250,000 - Maximum \$800,000<br><br>The total cost of a project including match can exceed \$800,000 but award amount is limited to \$800,000 for impaired waters, high-quality waters, and post-fire recovery project types.<br>Planning projects have a minimum of \$80,000 and a Maximum of \$200,000<br><br>Funding Match: Minimum 25% for most projects; 75% for septic system upgrades/conversions; full or partial match waiver for DACs and Post-Fire Recovery projects. Funding match may include donated funds, other grants, volunteer services, and in-kind services, and may be provided by state, federal, or local sources. Match funds eligible only after being formally notified by email from the State Water Board as approved for funding.<br><br>Must complete projects in three (3) years or less and demonstrate climate change resilience. | <b>Guidelines Released: September 2020</b><br><br>Proposals due online using FAAST<br><br><b>Due Date: December 18, 2020</b><br><br>Santa Ana Region NPS Grant Coordinator is SueAnn Neal, sueann.neal@waterboards.ca.gov, 951-782-4468 or David Woelfel, david.woelfel@waterboards.ca.gov, 951-782-7960 | <a href="https://www.waterboards.ca.gov/water_issues/programs/nps/319grant_s.html">https://www.waterboards.ca.gov/water_issues/programs/nps/319grant_s.html</a><br><br>For questions or comments about the Nonpoint Source Grant Program please contact Jodi Pontureri, Division of Water Quality by email at Jodi.Pontureri@waterboards.ca.gov.<br><br>Santa Ana Region NPS Grant Coordinator is SueAnn Neal, sueann.neal@waterboards.ca.gov, 951-782-4468 or David Woelfel, david.woelfel@waterboards.ca.gov, 951-782-7960 |          |

| 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 | Metropolitan Water District of Southern California - Innovative Conservation Program    | <p>Provides funding in cooperation with the U.S. Bureau of Reclamation, Western Resource Advocates, Southern Nevada Water Authority, the Central Arizona Project, and the Southern California Gas Company for research that will document water savings and reliability of innovative water savings devices.</p> <p>The objective is to evaluate the water savings potential and reliability of innovative water saving devices, technologies, and strategies.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Metropolitan member agencies and sub member agencies. The proposal must be submitted by one designated lead member agency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Subject to availability of \$275,000<br>Up to \$50,000 per project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>2020 ICP RFP Released: September 2020.</b><br><b>Information Webinar: September 22, 2020</b><br><b>Due Date: December 8, 2020</b>                                                                                                                                                                  | <a href="http://www.bewaterwise.com/innovative-conservation-program.html">http://www.bewaterwise.com/innovative-conservation-program.html</a>                                                                                                                                 | Last round was in 2018; received 55 proposals requesting over \$2 million; awarded 12 projects each up to \$50,000 for a total of \$570,000. |
| Wildfire                                 | FEMA - Hazard Mitigation Grant Program (HMGP) Funding Opportunity August 2020 Wildfires | <p><b>Cal OES Funding Priorities:</b></p> <p>Local Hazard Mitigation Plans (LHMP) updates that will expire within 24 months.</p> <p>All other LHMP updates.</p> <p>Shovel ready projects with a high level of design that can begin construction within 90 days of FEMA approval. in declared counties.</p> <p>Shovel ready projects with a high level of design that can begin constructions within 90 days of FEMA approval, in all other counties.</p> <p>Whole community risk reduction/large critical infrastructure wildfire projects.</p> <p>Whole community risk reduction/large critical infrastructure projects for other hazard types</p> <p>Wildfire projects in DR-4558 declared counties</p> <p>All hazard type projects in DR-4558 declared counties</p> <p>Wildfire projects in any county</p> <p>All hazard type projects in any county</p> <p>Planning related activities</p> <p>Five percent (5%) Initiative projects</p> | <p><b>In Declared Counties:</b></p> <p>Butte, Lake, Monterey, Napa, Plumas, San Mateo, Santa Cruz, Solano, Sonoma, Yolo, Yuba.</p> <p>The NOI is intended to provide an opportunity for eligible subapplicants to propose well-defined mitigation actions that reduce risk to life and property from future natural hazards.</p> <p><b>Eligible subapplicants* from all California Counties may apply.</b></p> <p>Eligible subapplications that are not initially selected for submission to FEMA will be retained for future consideration when funding becomes available.</p> <p>*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.</p> | <p>If your agency or jurisdiction does not have a LHMP, you may apply for grant funding to develop one. Single jurisdiction plans are limited to a maximum federal share of \$150,000; Multi-jurisdiction plans are limited to a maximum federal share of \$250,000.</p> <p>FEMA provides up to 75 percent of the funds for mitigation projects. The remaining 25 percent can come from a variety of sources. A cash payment from the state, local government or in some cases directly from the individual is the most direct option. Other sources may include donated resources, such as construction labor; Increased Cost of Compliance (ICC) funds from a flood insurance policy; or loans from other government agencies, such as the Small Business Administration.</p> | <b>Notice of Interest (NOI) for DR-4558 HMGP must be submitted by November 20, 2020.</b><br>NOIs submitted after this date may be considered for other funding opportunities.<br>NOIs will be reviewed for eligibility and eligible submissions will be invited to submit full grant subapplications. | <a href="https://www.caloes.ca.gov/cal-oes-divisions/recovery/disa-ster-mitigation-technical-support/404-hazard-mitigation-grant-program">https://www.caloes.ca.gov/cal-oes-divisions/recovery/disa-ster-mitigation-technical-support/404-hazard-mitigation-grant-program</a> | DR-4558                                                                                                                                      |

| 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 | US Bureau of Reclamation - WaterSMART Cooperative Watershed Management Program Phase II           | Reclamation will provide funding for projects that implement local solutions to address critical water supply needs, water quality concerns, and restoration needs in a watershed; conserve water for multiple uses; and reduce conflicts over water through collaborative conservation efforts in the management of local watersheds. The project types below describe projects eligible for funding under this FOA. Other projects that are similar to the types listed below may be submitted for consideration and will be allowed to the extent consistent with program authorization and goals. <ul style="list-style-type: none"><li>• Improving stream channel structure and complexity;</li><li>• Improving channel/floodplain connectivity;</li><li>• Protecting and stabilizing stream and riverbanks;</li><li>• Reducing erosion;</li><li>• Improving water delivery systems to increase efficiency or other projects to address water supply needs;</li><li>• Providing fish passage;</li><li>• Removing invasive species and restoring vegetation;</li><li>• Influencing water temperature or improving the timing or volume of available flows at particular locations to improve aquatic conditions;</li><li>• Other watershed management projects that will address water supply needs, water quality concerns, and restoration needs in the watershed.</li></ul> NOT Eligible: water reclamation, reuse, and desalination, water and land purchases and easements, building construction, pilot projects. | <b>Established watershed groups that represent a diverse group of stakeholders, have completed a watershed restoration plan,</b> are capable of promoting sustainable use of water resources located in the Western United States or Territories. Established watershed groups defined in the Section 6001(5) of the Cooperative Watershed Management Act. Must be a grassroots, non-regulatory entity that addresses water availability and quality issues within the relevant watershed. | Approximately \$2 million is available for FY20. Up to \$300,000 is available for on-the-ground watershed management projects.<br><br>It is anticipated that 6 - 10 awards may be funded under this FOA.<br><br>Cost share: 50% or greater.<br><br>In general, proposed projects should be completed within two years of award. Applications for projects requiring three years to be completed may be considered if support can be provided for why more time is required (e.g., additional time is needed for permitting, land access, environmental and cultural resources compliance, or for more complex projects). | FY19 selections announced <b>August 8, 2019</b> .<br><br>Webinar: September 30, 2020, 2:00 MDT<br><br>FY21 CWMP Phase II FOA released September 16, 2020.<br><br><b>Application due date: Tuesday, November 17, 2020, 4:00 p.m. MST</b> | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=329050">https://www.grants.gov/web/grants/view-opportunity.html?oppId=329050</a>                                                                                                                                                                                       | FOA BOR-DO-21-F002<br><br>Ken Isakson, Program Manager<br>702-293-8537<br><br>Proposed projects shall not have a construction start date that is prior to <b>September 1, 2021</b> , for funding under this FOA. |
| Water Supply, Reliability, and Energy                   | California Office of Emergency Services - Community Power Resiliency Allocation to Cities Program | The purpose of the Community Power Resiliency Allocation to Cities Program is to support California incorporated cities with additional preparedness measures in response to power outage events. Subrecipients are encouraged to support one or more of the Community Power Resiliency areas: schools, food storage reserves, and/or COVID-19 testing sites.<br><br>Eligible Activities include EQUIPMENT (generators, fuel and fuel storage, emergency communication, vehicle-mounted charging stations), PLANS (development and update of continuity plans, contingency plans, risk assessments, post-event reports), PUBLIC EDUCATION (educational materials or supplies focused on individual preparedness), and ONE TIME COSTS (identifying and equipping resource centers for the public to access during electric disruptions).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | California incorporated cities are the only eligible Applicants.<br><br>As a condition of funding, cities will be required to collaborate with their county to support critical infrastructure and resiliency with a particular focus on public safety, vulnerable communities, and individuals with access and functional needs.                                                                                                                                                          | Source/Amount of Funds There is \$13,000,000 of State General Fund available for the Program for the Grant Subaward performance period.<br><br>Individual Applicants may apply for up to \$300,000 for the 16-month Grant Subaward performance period.<br><br>The Grant Subaward performance period is July 1, 2020 – October 31, 2021.                                                                                                                                                                                                                                                                                  | One proposal must be emailed to PSPS@caloes.ca.gov by 5:00 PM on Friday, <b>October 30, 2020</b> .                                                                                                                                      | <a href="https://www.caloes.ca.gov/pages/Grant-Details.aspx?ItemID=418&amp;ItemTitle=2020-21%20Community%20Power%20Resiliency%20Allocation%20to%20Cities%20Program%20RFP">https://www.caloes.ca.gov/pages/Grant-Details.aspx?ItemID=418&amp;ItemTitle=2020-21%20Community%20Power%20Resiliency%20Allocation%20to%20Cities%20Program%20RFP</a> | One Progress Report is due no later than November 30, 2021. A Progress Report form will be provided by Cal OES.                                                                                                  |



| 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 Energy | California Office of Emergency Services - Community Power Resiliency Allocation to Special Districts Program | <p>The purpose of the Community Power Resiliency Allocation to Special Districts Program is to support California special districts in preparing for and responding to power outage events. California special districts are encouraged to collaborate with their county to support critical infrastructure and resiliency with a particular focus on public safety, vulnerable communities, and individuals with access and functional needs.</p> <p>Funds may be used to procure fixed, long term emergency electrical generation equipment, develop continuity plans, conduct risk assessments for critical infrastructure, create post event reports and public education materials , or purchase supplies to prepare for electric disruption.</p> <p>One proposal per Applicant eligible to receive funding. If an Applicant submits more than one proposal, only the highest scoring proposal, meeting the criteria above, will be considered for funding.</p> | <p>To be eligible to receive funds, the entity must be a California special district that has an identified critical facility or facilities, or provides critical infrastructure, pursuant to the de-energization guidelines adopted by the California Public Utilities Commission.</p> | <p>Source/Amount of Funds There is \$20,000,000 of State General Fund available for the Program for the Grant Subaward performance period.</p> <p>Individual Applicants may apply for up to \$300,000 for the 16-month Grant Subaward performance period.</p> <p>The Grant Subaward performance period is July 1, 2020 – October 31, 2021.</p> <p>Priority funding will be given to eligible Applicants if the proposal shows either a benefit to disadvantaged communities or the use of/acquisition of low/no emissions power solutions. "Disadvantaged communities" includes, but is not limited to: • Areas disproportionately affected by environmental pollution and other hazards that can lead to negative public health effects, exposure, or environmental degradation. • Areas with concentrations of people that are of low-income, high unemployment, low levels of home ownership, high rent burden, sensitive populations, or low levels of educational attainment.</p> | One proposal must be emailed to PSPS@caloes.ca.gov by 5:00 PM on Friday, <b>October 30, 2020.</b> | <a href="https://www.caloes.ca.gov/GrantsManagementSite/Documents/2020-21%20Community%20Power%20Resiliency%20Allocation%20to%20Special%20Districts%20RFP.pdf#search=Community%20Power%20Resiliency%20Allocation%20to%20Special%20Districts%20Program%2E">https://www.caloes.ca.gov/GrantsManagementSite/Documents/2020-21%20Community%20Power%20Resiliency%20Allocation%20to%20Special%20Districts%20RFP.pdf#search=Community%20Power%20Resiliency%20Allocation%20to%20Special%20Districts%20Program%2E</a> | One Progress Report is due no later than November 30, 2021. A Progress Report form will be provided by Cal OES. |

| 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                                                                                                                                                                            |
|-------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Multiple Benefits       | USBR October 2020 Workshop Series                         | Workshop series includes updates from Reclamation's leadership, a new presentation on Reclamation's history, and interactive sessions on WaterSMART and other funding opportunities, asset management and the Transparency Act, title transfer, and updates on regulatory issues such as the Endangered Species Act and streamlined NEPA and cultural resource compliance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | This workshop is focused on important issues for water district and power utility managers, engineering staff, financial assistance personnel, environmental compliance professionals and non-governmental organizations. Discussions will cover general emphasis areas and allow more detailed discussion with specific examples. | Please RSVP to stakeholderworkshop@usbr.gov to reserve your virtual seat for this workshop series. You will receive calendar invitations for the entire series, and we hope you will be able to join us for as many as your busy schedules allow.<br><br>October 7, 2020: Reclamation History (1 hour)<br>October 14, 2020: Env. Streamlining and Other Updates (1 hour), Endangered Species Act, NEPA, Categorical Exclusions and NHPA.<br>October 21, 2020: Federal and Partner Infrastructure Management (1.5 hours), Infrastructure Management and Title Transfer<br>October 28, 2020 Creatively Addressing Water Challenges in the West (1.25 hours), Funding opportunities, the Desalination and Water Purification Research Program, Prize Competitions, and WaterSMART | Virtual interactive stakeholder workshop each Wednesday in October at 10 AM Pacific.<br><br>October 7, 2020<br>October 14, 2020<br>October 21, 2020<br>October 28, 2020<br><br>See linked agenda and details in Column E for each date.                                                       | <a href="https://www.usbr.gov/stakeholders/">https://www.usbr.gov/stakeholders/</a>       |                                                                                                                                                                                     |
|                         | California Financing Coordinating Committee Funding Fairs | Provide opportunities to obtain information about currently available infrastructure grant, loan and bond financing programs and options. Each attendee will receive copies of all slide presentations and additional useful infrastructure financing material. The CFCC handbook provides staff contact information and a project matrix that shows funding sources by project type. Opportunity for attendees to speak directly with program staff about specific projects and issues affecting their community. CFCC members include: CA Department of Water Resources; SWRCB Division of Financial Assistance; US Department of Interior Bureau of Reclamation; CA Infrastructure and Economic Development Bank (IBank); Department of Housing and Community Development (CDBG Funding); and US Department of Agriculture Rural Development<br>CFCC agencies fund the following types of eligible infrastructure projects: • Drinking Water • Wastewater • Water Quality • Water Supply • Water Conservation • Water Use Efficiency • Energy Efficiency • Flood Management. Some also fund other types of infrastructure projects including streets and highways, emergency response vehicles, and community facilities. | Who should attend:<br>Representatives from public works, local governments, California Native American Tribes, city managers and planners, economic development and engineering professionals, officials from privately owned facilities, water and irrigation district managers, financial advisors, and project consultants.     | No cost to attend but should register.<br><br>Go to <a href="https://www.events.rcac.org/assnfe/ev.asp?ID=2306">https://www.events.rcac.org/assnfe/ev.asp?ID=2306</a> to register.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2020 CFCC Fairs:<br>9 Fairs across the state.<br><br>A May 2020 CFCC Fairs Handbook is now available with information on a variety of funding.<br><br>Virtual Funding Fair<br>October 22, 2020<br><br>Presentations: 9:00 am to 12:30 pm<br>Virtual Booths/Discuss your project: 1:30 pm-4 pm | <a href="http://www.cfcc.ca.gov/funding-fairs/">http://www.cfcc.ca.gov/funding-fairs/</a> | CFCC Handbook, which includes copies of the presentations and listings of funding opportunities by agency, can be found at the CFCC website. May 2020 Handbook currently available. |



| 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 (EPA) Water Infrastructure Finance and Innovation Act (WIFIA) Loans Program | <p>WIFIA authorizes EPA to provide secured (direct) loans and loan guarantees to eligible water infrastructure projects and to charge fees to recover all or a portion of the Agency's cost of providing credit assistance and the costs of retaining expert firms, including financial, engineering, and legal services, in the field of municipal and project finance to assist in the underwriting and servicing of Federal credit instruments.</p> <p>For FY 2020 NOFA, the WIFIA program will open its third selection round and allow prospective borrowers to submit letters of interest for 90 days, beginning the day the NOFA is published in the Federal Register. It also announced four priorities:</p> <p>Readiness for a project to proceed toward development; Provide for clean and safe drinking water, including reducing exposure to lead in the nation's drinking water systems; Repair, rehabilitate, and replace aging infrastructure and conveyance systems; and</p> <p>New or innovative approaches including water reuse and recycling.</p>              | <ul style="list-style-type: none"><li>• A corporation.</li><li>• A partnership.</li><li>• A joint venture.</li><li>• A trust.</li><li>• A federal, state or local government entity, agency, or instrumentality.</li><li>• A tribal government or consortium of tribal governments.</li><li>• A state infrastructure financing authority, as defined by the Clean Water Act and the Safe Drinking Water Act.</li></ul> | <p>"Further Consolidated Appropriations Act, 2020": \$5 billion in for approximately \$1 billion in loans exclusively to State infrastructure financing authority borrowers under the State Infrastructure Financing Authority WIFIA (SWIFIA) program; and \$50 million for approximately \$5 billion in loans to all eligible borrowers under the WIFIA base program</p> <p>Credit available, secured (direct) loans or loan guarantees.\$20 million: Minimum project size for large communities. \$5 million: Minimum project size for small communities (population of 25,000 or less). The maximum amount of WIFIA credit assistance to a project is 49 percent of eligible project costs.</p> <p>*Application is a 2-step process: The first step requires the submission of a letter of interest. No fees are established for the letter of interest step. Projects selected to continue in the application process will then be invited to submit an application at which time the application process fee must be paid.</p> <p>*Application fee - \$25,000 for projects serving small communities (population of not more than 25,000 people), \$100,000 for all others. These application fees represent an amount equal to 0.5 percent of the minimum threshold project cost (\$5 million for small communities and \$20 million for larger communities.</p> <p>Other fees: Credit processing Fee- EPA estimates these costs could be in the range of approximately \$100,000-\$300,000 per project - due on execution of loan.</p> <p>Servicing Fee - annual servicing fee during repayment of the loan, \$10,000 to \$26,000 annually during construction and \$7,800 annually after project substantial completion. .</p> <p>Optional Supplemental Fee - TBD</p> <p>Extraordinary Expenses Fee - TBD</p> | <p><b>Federal Register/NOFA Posted July 17, 2020</b></p> <p><b>Letter of Interest Due: October 15, 2020.</b></p> <p>Projects will be selected from LOIs to submit proposals.</p> <p>WIFIA program staff is happy to meet with your organization either at their Washington, DC office or via telephone to discuss financing your water infrastructure projects and answer your questions. Send request to set up a meeting to wifia@epa.gov.</p>                                        | <p><a href="https://www.epa.gov/wifia/wifia-funding-currently-available">https://www.epa.gov/wifia/wifia-funding-currently-available</a></p> <p><a href="https://www.federalregister.gov/documents/2020/07/17/2020-15470/notice-of-funding-availability-for-applications-for-credit-assistance-under-the-water-infrastructure">https://www.federalregister.gov/documents/2020/07/17/2020-15470/notice-of-funding-availability-for-applications-for-credit-assistance-under-the-water-infrastructure</a></p> <p><a href="https://www.epa.gov/wifia/">https://www.epa.gov/wifia/</a></p> | <p>For 2020, EPA is holding bi-monthly webinar series:</p> <p>Last webinar - 3/17/20 - Financing a Program of Projects 12:00 - 1:30 p.m. PST.</p> <p><a href="https://www.epa.gov/wifia/wifia-past-webinars">https://www.epa.gov/wifia/wifia-past-webinars</a></p> <p>Consider fees associated with loan application before applying.</p> |
| Flood Management                                                          | California Office of Emergency Services, FY 2020 Flood Mitigation Assistance Grant Program                     | <p>To reduce or eliminate the risk of repetitive flood damage to buildings and structures insured under the National Flood Insurance Program and reduce future flood claims. Subapplicants must have a FEMA-approved Local Hazard Mitigation Plan by application deadline.</p> <ul style="list-style-type: none"><li>• Project Scoping - Funding to develop mitigation strategies and obtain data to prioritize, select, and develop viable community or individual flood mitigation projects; design work will facilitate viable projects for future grant applications.</li><li>• Community Flood Mitigation Projects - Proven techniques that integrate cost effective natural floodplain restoration solutions and improvements to NFIP-insured properties that benefits communities with high participation and favorable standing in the NFIP. Eligible activities include: Localized flood control to protect critical facilities; floodwater storage and diversion; floodplain and stream restoration; stormwater management; and wetland restoration/ creation.</li></ul> | <p>Local governments including cities, townships, counties, special district governments, and Native American tribal organizations are considered Sub-applicants and must apply to their state/territory.</p>                                                                                                                                                                                                          | <p>\$160 million available</p> <p>\$4 million for Project Scoping (previously Advance Assistance) to develop community or individual flood mitigation projects to reduce flood claims;</p> <p>\$70 million for Community Flood Mitigation Projects to address community flood risk to reduce flood claim payments;</p> <p>Balance is for Technical Assistance, Flood Hazard Mitigation Planning to plan Subapplications for flood hazard, and individual Flood Mitigation Projects that mitigate risk of flooding to individual NFIP insure structures.</p> <p><b>Cost Share:</b> Severe Repetitive Loss (SRL) and Repetitive Loss (RL) priorities projects: Up to 75 percent of the eligible activity costs; 25% cost share. FEMA may contribute up to 100 percent Federal cost share for insured and SRL properties. FEMA may contribute up to 90 percent Federal cost share for RL insured properties.</p> <p><b>Funding Caps:</b></p> <ul style="list-style-type: none"><li>• \$600,000 per applicant for all Project Scoping Subapplications</li><li>• \$30 million per Community Flood Mitigation Project Subapplications</li><li>• \$50,000 per applicant for all Technical Assistance Subapplications who were awarded FMA Grant Program funds totaling at least \$1,000,000 in FY 2019</li><li>• \$100,000 per Applicant for flood hazard mitigation planning with maximums of \$50,000 for state flood hazard mitigation planning and \$25,000 for local flood hazard mitigation planning.</li></ul> <p>A maximum of 10% of total Application budget for state management costs and 5% for total Subapplication budget management costs.</p>                                                                                                                                                                | <p>NOFA Released: August 11, 2020</p> <p>Notice of Interest: <b>September 1, 2020</b></p> <p>Subapplications for jurisdictions with approved NOIs: <b>September 30 through December 3, 2020</b> via FEMA GO to Cal OES</p> <p>Cal OES will submit to FEMA by January 29, 2021</p> <p>Anticipated Pre-Award Selection: June 2021</p> <p>Period of Performance: Start - Date of Federal Award</p> <p>End - 48 months for community flood mitigation projects; 36 months for all other</p> | <p><a href="https://www.caloes.ca.gov/cal-oes-divisions/hazard-mitigation/pre-disaster-flood-mitigation">https://www.caloes.ca.gov/cal-oes-divisions/hazard-mitigation/pre-disaster-flood-mitigation</a></p>                                                                                                                                                                                                                                                                                                                                                                           | <p>FEMA GO (Grants Outcomes): <a href="https://go.fema.gov/login?redirect=%2F">https://go.fema.gov/login?redirect=%2F</a></p> <p>Register with FEMA GO at least a week before submission.</p>                                                                                                                                             |

| 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 Reliability       | California Office of Emergency Services, FY 2020 Building Resilient Infrastructure and Communities (BRIC)                       | For pre-disaster mitigation activities.<br>(1) Capability- and Capacity-Building (C&CB) – enhance knowledge, skills, expertise, etc., of the current workforce to expand or improve the administration of mitigation assistance. Includes building codes activities, partnerships, project scoping, mitigation planning and planning-related activities, and other activities; (2) Mitigation Projects – cost-effective projects to increase resilience and public safety; reduce injuries and loss of life; and reduce damage and destruction to property, critical services, facilities, and infrastructure; and (3) Management Costs – reimburse for eligible and reasonable indirect costs, direct administrative costs, and other administrative expenses associated with a specific mitigation measure or project in an amount up to 15% of the total amount of the grant award, of which not more than 10% of the total award amount may be used by the Recipient and 5 percent by the subrecipient for such costs.<br>FEMA will also provide non-financial Direct Technical Assistance to build community capacity and capability to improve its resiliency to natural hazards and to ensure stakeholders are capable of building and sustaining successful mitigation programs, submitting high-quality applications, and implementing new and innovative projects that reduce risk from a wide range of natural hazards. | Local governments including cities, townships, counties, special district governments, and Native American tribal organizations are considered Sub-applicants and must apply to their state/territory.<br><br>Subapplicants must have a FEMA-approved Local Hazard Mitigation Plan by application deadline. | Total Available: \$500,000,000<br>State/Territory Allocation: \$33,600,000; \$600,000 per state<br>Tribal Set-Aside: \$20,000,000<br>National Competition: \$446,400,000; \$50M maximum per applicant<br><br>Cost Share: 25%<br>For Small, impoverished communities, may be eligible for a reduced cost share to 10%.<br><br>5% of plan/project budget for subapplicant management costs to manage plan/project activity; and 10% of project budget for grant administration and subgrant activities, but must be submitted in a separate Subapplication. Pre-award costs for developing the application are allowed. | NOFA Released: August 11, 2020<br>Notice of Interest: <b>September 1 through 18, 2020</b><br>Subapplications for jurisdictions with approved NOIs: <b>September 30 through December 3, 2020</b> via FEMA GO to Cal OES<br>FEMA GO to Cal OES will submit to FEMA by January 29, 2021<br>Anticipated Pre-Award Selection: June 2021<br>Period of Performance: Start - Date of Federal Award<br>End - 36 months | <a href="http://www.caloes.ca.gov/cal-oes-divisions/hazard-mitigation/pre-disaster-flood-mitigation">http://www.caloes.ca.gov/cal-oes-divisions/hazard-mitigation/pre-disaster-flood-mitigation</a> | FEMA GO (Grants Outcomes):<br><a href="https://go.fema.gov/login?redirect=%2F">https://go.fema.gov/login?redirect=%2F</a><br><br>Register with FEMA GO at least a week before submission. |
| Wetlands Conservation   | U.S. Department of Interior, Fish and Wildlife Service, North American Wetlands Conservation Act (NAWCA) FY21 U.S. Small Grants | Must establish wetlands, upland habitats and benefit migratory birds and include a public-private partnership. 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 DOI and FWS 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.<br><br>Applicants must provide a statement that address if there is any overlap between the proposed project and any other active anticipated projects in terms of activities, costs, or time commitment of key personnel. If any overlap exists, applicants must provide a description of the overlap in their application. Applicants must also state if the proposal submitted for consideration under the program is/is not in any way duplicative of any proposal that was/will be submitted for funding consideration to any other potential funding source.                                                                                                                                                                                     | Unrestricted; public-private partnerships carrying out projects in the U.S. that further the goals of NAWCA                                                                                                                                                                                                 | Total estimated available funding is \$3,000,000.<br>Award Ceiling: \$100,000.<br>Award Floor: \$1,000.<br>1:1 non-federal match and research funding is ineligible.                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Posted: August 18, 2020.<br><b>Close Date: October 15, 2020.</b>                                                                                                                                                                                                                                                                                                                                              | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=328736">https://www.grants.gov/web/grants/view-opportunity.html?oppId=328736</a>                                             | Funding Opportunity Number: F21AS00157                                                                                                                                                    |



| 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 | US Bureau of Reclamation - WaterSMART: Water Reclamation and Reuse Research under the Title XVI Program for FY 2020 | Establish or expand water reuse markets, improve existing water reuse facilities, and/or streamline the implementation of new facilities. Eligible research studies must focus on supporting water reclamation and reuse of non-traditional water supplies, including but not limited to municipal, industrial, domestic, or agricultural wastewater as well as impaired ground or surface waters, including stormwater, seawater, or brackish water.<br>Research to address water supply challenges by establishing or expanding the use of water reclamation and reuse, improving existing water reuse facilities, and/or streamlining the implementation of state-of-the-art technology for new facilities. State of the art is defined as the latest and most advanced technologies or processes currently available in the industry for deployment and implementation; does not include innovative technologies or processes that are not commercially available and are currently under development through pilot or demonstration research efforts.<br>Funding Groups I, II, and III are types of research studies:<br>Funding Group I: Planning related research to streamline approval of water reclamation projects or expand water reclamation markets or use. Complete in 18 months of award.<br>Funding Group II: Research for state-of-the-art improvements or optimization of existing water reclamation facilities. Complete within 24 months of award.<br>Funding Group III: Field research to deploy state-of-the-art technologies and adopt best practices for new water reuse facilities. Complete within 36 months of award. | State, regional, or local authorities; Indian tribes or tribal organizations; or other entities such as a water district, wastewater district, or rural water district. Applicants must be located in the Western United States or United States Territories as identified in the Reclamation Act of June 17, 1902, as amended or Hawaii.<br><br>Sponsors of water reclamation and reuse projects specifically authorized for funding under the Title XVI Act, including projects eligible under the WIIN Act, which have not reached their Federal funding ceiling, are also eligible to receive an award under this FOA.                                                                                                                                   | Total Title XVI Program FY18: \$54.4M FY19: \$58.6M FY20: \$63.6M.<br><br>Total Program: \$3,000,000 est. in FY19.<br><br>Awards:<br>Funding Group I - up to \$150,000 planning related research<br>Funding Group II - up to \$300,000 for research at existing facilities<br>Funding Group III - up to \$750,000 for research at new locations<br><br>5 to 12 awards depending on amount of requests<br><br>Cost Share: 75% or more of total study costs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Funding Opportunity Announcement released: August 5, 2020<br>Applications Due: <b>October 7, 2020</b><br><br>For the FY 21 program, the date is July 1 of 2020 for which an applicant can apply retroactively.<br><br>FY 21 program should be announced summer 2021. | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=328508">https://www.grants.gov/web/grants/view-opportunity.html?oppld=328508</a> | Funding Opportunity Number: BOR-DO-20-F009<br>CDFA number: 15.504                                                                                                     |
|                                          | US Bureau of Reclamation - Title XVI Congressionally Authorized Water Reclamation and Reuse Projects                | Must have completed Title XVI Feasibility Study reviewed and approved by Reclamation, and project has been Congressionally Authorized.<br><br>Funding for planning, design, and/or construction of Projects. Eligible costs are for those planned to be completed through September 30, 2024 or for completed work conducted after the date of the project's congressional authorization.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sponsors of any one of the 53 Title XVI Projects specifically authorized by the Title XVI Act; provided that the Title XVI Project has not reached its Federal funding ceiling as specified in the Title XVI Act.<br>For a list of authorized projects please visit the Title XVI website, <a href="https://www.usbr.gov/watersmart/title/authorized.html">https://www.usbr.gov/watersmart/title/authorized.html</a><br>List shows only two projects in Orange County: OC Regional Water Reclamation Project 1996 and Irvine Basin Groundwater and Surface Water Improvements Projects 2004 (IRWD) - funded in FFY 2012. Additionally, OC Sanitation District received funding in FFY 2015 for a feasibility study to support expansion of the GWRS Project. | Total Title XVI Program FY18: \$54.4M, FY19: \$58.6M, FY20: \$63.6M. \$35M in FY19.<br>FY 2021 appropriations will be based on final appropriations the fiscal year. Cost Sharing per project of up to \$20 million over the term of the project funding through September 30, 2024.<br>Approximately 6-10 awards.<br><br>Must cost share 75% or more of the total Project costs; total project cost is defined as the total allowable costs incurred under a Federal award and all required cost share and voluntary committed cost share contributions, including third-party contributions.<br>Federal share: 25% of total project costs. All costs incurred by Reclamation related to the development and administration of award are considered part of the total Project costs; recipient is required to provide cost share for these costs.<br><br>All costs incurred by Reclamation related to the development and administration of any award under this FOA are considered part of the total Project costs; recipient required to provide cost share for these costs. All Reclamation administrative costs will also be included in the Federal cost share for the Project. | Funding Opportunity Announcement (FOA) released December 19, 2019<br><br><b>FOA Updated/Released: July 10, 2020 for FY 2021 Funding</b><br><br><b>Applications due: September 10, 2020</b>                                                                           | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=323197">https://www.grants.gov/web/grants/view-opportunity.html?oppld=323197</a> | FOA Number: BOR-DO-20-F008<br>CDFA Number: 15.504<br><br>A separate FOA open to sponsors of projects eligible under section 4009(c) of the WIIN Act will be released. |

| 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, Energy | US Bureau of Reclamation<br>WaterSMART Grants - Water and Energy Efficiency Grants for Fiscal Years 2020 and 2021 | Water management improvements that result in quantifiable water savings and support broader water reliability benefits. Projects that seek to conserve and use water more efficiently; increase the production of hydropower; mitigate conflict risk in areas at a high risk of future water conflict; enable farmers to make additional on-farm improvements in the future, including improvements that may be eligible for Natural Resources Conservation Service (NRCS) funding; and accomplish other benefits that contribute to water supply reliability in the western United States. Water reclamation, reuse, and desalination, groundwater recharge, water purchases, pilot projects, and high-efficiency indoor appliance and fixture installation are not eligible under this funding opportunity. | States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the Western United States or Territories; 18 states are eligible, including California, and 2 territories.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$55 million for total WaterSMART grant program for FY20; amount for this WaterSMART funding opportunity will be determined once final FY 2020 appropriations have been made.<br><br>Funding Group I: Up to \$500,000 for projects to be completed within two years of award date.<br>Funding Group II: Up to \$2,000,000 for projects to be completed within three years from award date.<br>Can submit in both Funding Groups, but no more than \$2,000,000 awarded to any one applicant.<br><br>Cost Share: 50% or greater.<br>Approximately 15-20 projects are anticipated to be funded per application period, contingent upon appropriations. | FY21 FOA posted June 16, 2020<br><b>Due Date for FY 2021: Updated to September 17, 2020</b><br>Awards will be announced electronically; for FY 2020 - Spring 2020; for FY 2021 - Spring 2021.<br><br><b>FY 22 FOA Anticipated June 2021.</b> | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=327729">https://www.grants.gov/web/grants/view-opportunity.html?oppId=327729</a> | FOA Number: BOR-DO-20-F001 |
|                                                  |                                                                                                                   | On-the-ground water management improvement projects, including projects that conserve water and address water supply reliability.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                              |                                                                                                                                                         |                            |
| Water Education                                  | Pacific Life Foundation                                                                                           | A "Healthy Ocean" means that marine, coastal, and estuarine ecosystems, the watersheds that drain into these waters, the plant and animal communities therein, and the physical, chemical, and biological process involved are diverse and functioning, and the economies and people dependent on them are thriving.<br><br>The Pacific Life Foundation accepts grant proposals from agencies seeking funds for programs and projects in the areas of health and human services; education; arts and culture; and civic, community, and environment.<br><br>Programs that promote marine mammal conservation, education, and research are not part of the program.                                                                                                                                            | <b>Nonprofit organizations. Partnering with a nonprofit is possible.</b><br>Does not accept applications from and/or for: Individuals; Political parties, candidates, or partisan political organizations; Labor organizations, fraternal organizations, athletic clubs, or social clubs; K-12 schools, school districts, or school foundations as these entities are eligible through the Foundation's annual invitation-only "3T's of Education" program; Sectarian or denominational religious organizations, except for programs free from religious orientation; Fundraising events (e.g., membership drives, luncheons/dinners, walks/runs, or tournaments); sports leagues or teams; or Advertising sponsorship or conference underwriting/sponsorship. | Small grants program – Foundation gave \$500,000 in 2016. General grants range from \$5,000 to \$15,000 for a one-year period of funding and are given to support programs, operating expenses, or collaborative programs with other agencies.<br><br>Capital grants typically range from \$25,000 to \$100,000 and are given to an agency with an organized campaign already under way to raise substantial funds; for example, to finance a building or for major renovation. More than 50 percent of the campaign goal (excluding in-kind donations, anonymous gifts and loans) must be pledged prior to consideration by the Foundation         | The 2021 Grant Funding Cycle is open through August 15, 2020.                                                                                                                                                                                | <a href="https://www.pacificlifefoundation/overview.html">https://www.pacificlifefoundation/overview.html</a>                                           |                            |



| 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 | US Bureau of Reclamation WaterSMART Grants - Drought Response Program - Drought Resiliency Projects | On-the-ground projects that will help communities prepare for and respond to drought. Referred to as "mitigation actions" in a drought contingency plan. Projects that will build long-term resilience to drought and reduce the need for emergency response actions by: <ul style="list-style-type: none"><li>● Increasing the reliability of water supplies through infrastructure improvements</li><li>● Improving water management through decision supporting tools, modeling and measurement</li><li>● Providing benefits for fish, wildlife and the environment</li></ul> Projects should improve the ability of water managers to continue to deliver water and power during a drought; decrease vulnerabilities and costs of drought by giving water managers flexibility in times of low water supply; must be beyond routine water management activities or activities required by state law for conservation and efficiency; also help avoid the need for emergency response actions, such as water hauling programs and temporary infrastructure; must have ongoing benefits to build long-term resilience to drought, even if they also address an immediate drought concern. Does not fund research and education and outreach.<br>Key Selection Criteria: Drought resiliency benefits, support of project in an existing drought plan, and the project's ability to address actual or potential drought impacts. | States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the Western United States or United States Territories.                                                       | Total Drought Response Program FY18: \$8.5M, FY19: \$9M, FY20: \$4M<br><br>Funding Group I: Up to \$500,000 for projects to be completed within two years of award date.<br><br>Funding Group II: Up to \$1,500,000 for projects to be completed within three years from award date. Projects in this group will be funded on an annual basis. Funding for the second and third years of the project is contingent upon future appropriations.<br><br>Cost Share: 50% or greater.<br><br>Anticipate awarding 10-15 projects per application submittal period contingent upon appropriations.                                  | FOA for FY 2021 released May 1, 2020<br><b>Updated FOA posted June 16, 2020</b><br><b>Due Date: Updated to August 5, 2020</b><br><b>Applications received by August 5, 2020 are currently under review.</b><br>Awards will be announced electronically; for FY 2021 - Spring 2021.                                                                         | <a href="https://www.grants.gov/web/grants/search-grants.html">https://www.grants.gov/web/grants/search-grants.html</a>                                                                           | BOR Number BOR-DO-20-F002<br><br>Olson, Darren R<br>dolson@usbr.gov                     |
|                                          | Flood Management                                                                                    | Projects must address flood risk reduction and include fish and wildlife habitat enhancement benefits. Projects in coastal areas that focus on multi-benefit flood risk reduction. These projects will: <ul style="list-style-type: none"><li>- Address flood risk and public safety</li><li>- Enhance coastal ecosystems, including fish and wildlife habitat enhancement</li><li>- Promote natural resources stewardship and public access corridors</li></ul> Eligible projects must be in areas that intersect the California Coast or San Francisco Bay. Projects in the Sacramento-San Joaquin River Delta are excluded. Priority will be given to projects in the Federal Emergency Management Agency's (FEMA) Coastal VE, AE and A zones and FEMA's Special Flood Hazard Areas (SFHAs). Coastal VE and A zones are defined as the area modeled to be inundated by sea water during a 100-year storm.<br>Other project features may: <ul style="list-style-type: none"><li>- Improve flow and water quality in coastal watersheds</li><li>- Restore natural fluvial and related biological processes, including protecting riparian habitats</li><li>- Relocate or flood-proof structures</li><li>- Divert floodwater for conjunctive use</li><li>- Provide transitory storage</li></ul> Projects must have completed design, but not yet started construction.                                                           | Any California public agency, nonprofit organization, public utility agency, federally recognized Indian tribe, State Indian tribe listed on the Native American Heritage Commission's California Tribal Consultation List, or mutual water company. | Total Available: Approximately \$25 million. from Prop 1.<br><br>Local Cost Share: 50%; reduced for direct benefits to EDAs, DACs, and SDACs. Also reduced for: 1) Protection of State Facilities, up to 20% in 5% increments per facility protected; and 2) The State will also cover 100 percent of the cost of open space and recreation features that are beyond what is required for the project, up to a maximum of 10% of the total project cost. Cost share reduction for these combined is capped at 20%.<br><br>Incurred project costs are eligible for reimbursement only after the date of the funding agreement. | <b>Comments on Draft Guidelines closed on September 9, 2019. Following the review of public comments, DWR will release the final guidelines and solicit proposals.</b><br><br><b>Concept Proposals Opened: July 8, 2020</b><br><b>Closed: August 7, 2020</b><br><br><b>Eligible Concept Proposals will be provided direction to submit an application.</b> | <a href="https://water.ca.gov/WorK-With-Us/Grants-And-Loans/Coastal-Watershed-Flood-Risk-Reduction">https://water.ca.gov/WorK-With-Us/Grants-And-Loans/Coastal-Watershed-Flood-Risk-Reduction</a> | Patrick Luzuriaga,<br>Program Manager, (916) 574-0932<br>Patrick.Luzuriaga@water.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 Supply, Reliability and Efficiency, Energy | U.S. Department of Energy, Golden Field Office, Research and Development for Advanced Water Resource Recovery Systems  | <p>A unique window of opportunity exists to replace the aging infrastructure with new, innovative approaches to water and wastewater treatment, resource recovery, and water reuse by looking more broadly at interconnected, cross-sector opportunities (i.e. municipal, industrial, agriculture, oil and gas, etc.) across the energy-water nexus to develop water and wastewater treatment systems of the future – advanced water resource recovery systems.</p> <p>The goal of this FOA is to conduct <b>research, development, and deployment on technology innovations</b> that enable advanced water resource recovery systems. Topic Area 1 of this FOA seeks to advance the development of transformative technologies beyond early stage R&amp;D to become pilot ready. Topic Area 2 of this FOA seeks to test currently developed, pilot ready technologies though design, build, and operations in industrially relevant conditions to enable commercialization.</p> <ul style="list-style-type: none"><li>• Launch desalination technologies that deliver cost-competitive clean water;</li><li>• Transform the energy sector’s produced water from a waste to a resource;</li><li>• Achieve near-zero water impact for new thermoelectric power plants, and significantly lower freshwater use intensity within the existing fleet;</li><li>• Double resource recovery from municipal wastewater; and</li><li>• Develop small, modular energy-water systems for urban, rural, tribal, national security, and disaster response settings.</li></ul> | <p>Unrestricted.</p> <p>Prime recipients or subrecipients includes individuals (must be incorporated), for-profit entities, educational institutions, and nonprofits; state, local, and tribal government; foreign entities, whether for-profit or otherwise (must be incorporated in the U.S.); and incorporated and unincorporated consortia.</p> <p>Subrecipients only includes DOE/National Nuclear Security Agency (NNSA) Federally Funded Research and Development Centers (FFRDCs) and non-DOE/NNSA FFRDCs; and Federal agencies and instrumentalities (other than DOE). .</p>            | <p>Total estimated available funding is \$20,000,000, split \$10,000,000 each for Topic Area 1 and Topic Area 2.</p> <p>Each award is up to \$2,000,000 per project up to 5 projects for each Topic Area.</p> <p>Cost Share:</p> <p>Topic Area 1 - 20%</p> <p>Topic Area 2 - 50%</p> <p>Cooperative Agreement Term:</p> <p>Topic Area 1 - 36 months total, with a 12 to 18-month budget period</p> <p>Topic Area 2 - 24 months total, with a 12-month budget period</p>                                                                                                                                                                                                                                                                     | FOA Issued: June 29, 2020<br><b>Concept Papers Due: August 4, 2020</b><br><b>Invited Application Due Date: October 6, 2020</b><br><b>Selection: January 2021</b><br>Apply through: ERE Exchange at <a href="https://eere-exchange.energy.gov">https://eere-exchange.energy.gov</a> | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=327934">https://www.grants.gov/web/grants/view-opportunity.html?oppld=327934</a>                                                                                                 | DE-FOA-0002336<br>Full FOA at: <a href="https://eere-exchange.energy.gov/#FOAaldfa6e43fc9abe-4c4f-867b-224e5fb1d6bb">https://eere-exchange.energy.gov/#FOAaldfa6e43fc9abe-4c4f-867b-224e5fb1d6bb</a><br><br>U.S. Department of Energy’s (DOE) Office of Energy Efficiency and Renewable Energy (EERE) Advanced Manufacturing Office (AMO) as part of the DOE’s Water Security Grand Challenge (WSGC). |
| Energy                                           | South Coast Air Quality Management District (AQMD): Carl Moyer Memorial Air Quality Standards Attainment Program (CMP) | <p>The CMP is intended to obtain “surplus” emission reductions of Nitrogen Oxides (NOx), Particulate Matter (PM10) and Reactive Organic Gases (ROG) from heavy-duty vehicles and other equipment operating in California as early and as cost-effectively as possible.</p> <p>The CMP provides competitive grants for the incremental cost of cleaner-than-required engines, vehicles, and equipment. The program focuses on cleaning the air through repower, retrofit or replace in-use heavy-duty vehicles and equipment with cleaner-than-required engine and equipment technologies that will achieve emission reductions that are real, surplus, quantifiable and enforceable.</p> <p>Projects must meet the cost-effective threshold of \$30,000 per weighted ton of total reduced emissions, and if applicable, meet the cost-effective threshold of \$100,000 per weighted ton of reduced emissions (for projects that are zero emission or meet the cleanest certified optional standard). Projects must be fully in operation within eighteen (18) months of contract execution or by May 20, 2022, whichever is earlier.</p>                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>Any owner of an eligible heavy-duty on-road or off-road project, public or private, that results in cost-effective NOx, PM and/or ROG emission reductions within SCAQMD’s four-county jurisdiction.</p> <p>At least 50 percent of South Coast AQMD’s CMP funds will be targeted for projects that meet the criteria of a disadvantaged or low-income community projects</p> <p>The project must not be required by a current regulation or within three years of a regulatory compliance deadline. Projects must operate at least 75% of the time within the South Coast AQMD boundaries.</p> | <p>\$34 million for entire program.</p> <p>In addition to the cost-effectiveness limit(s) prescribed by the CMP Guidelines, each vehicle/engine is also subject to a funding cap1 based on various factors including weight class (i.e., gross vehicle weight rating (GVWR)), vehicle type, and the proposed technology.</p> <p>Match: At least 15 percent of the project cost from non-public sources</p> <p>Payments: For all projects except shore power projects, full payment will be made upon installation and commencement of operation of the funded equipment. For shore power projects, a progress payment schedule may be established that allows payment upon completion of key milestones, as delineated in the contract.</p> | Due date: (was <b>June 2, 2020</b> ) <b>extended to August 4, 2020</b><br><br><b>Check in March 2021 for updates</b><br><br>Awards: November 2020<br>Contracts: Feb-Mar 2021                                                                                                       | <a href="http://www.aqmd.gov/home/programs/business/carl-moyer-memorial-air-quality-standards-attainment-(carl-moyer-program)">http://www.aqmd.gov/home/programs/business/carl-moyer-memorial-air-quality-standards-attainment-(carl-moyer-program)</a> | <a href="http://www.aqmd.gov/docs/default-source/aqmd-forms/moyer/moyer-pa2019-02.pdf?sfvrsn=44">http://www.aqmd.gov/docs/default-source/aqmd-forms/moyer/moyer-pa2019-02.pdf?sfvrsn=44</a>                                                                                                                                                                                                           |

| 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, Water Supply, Reliability and Efficiency | State of California Coastal Conservancy<br>Prop 1 Grant Program                                                                                                         | Multi-benefit ecosystem and watershed protection and restoration projects. Priority project types: water sustainability improvements, protect and enhance anadromous fish habitat, wetland restoration, and urban greening. Projects that benefit multiple factors and DACs will be prioritized. The Conservancy will seek to align its funding and project priorities with those of other state agencies administering Proposition 1 funding for related objectives. Based on the priority issues within our jurisdiction, reviewing existing state plans, and screening for projects that achieve multiple benefits, serve disadvantaged communities, and result in quantifiable outcomes.<br>Construction or acquisition of capital assets and/or activities that are incidentally but directly related to construction or acquisition, such as planning, design and engineering.<br>Pre-proposal consultations with State encouraged.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Public agencies, federal and state Indian tribes, public utilities, non-profits, mutual water companies.                                                        | \$2 million available; depends on appropriations for FY 2020/21.<br>No minimum or maximum grant requests; most projects are \$50,000 to \$1,000,000<br><br>The Conservancy will award additional points to applicants with significant matching funds from nonstate sources. Projects that have at least 25% matching funds will receive 3 points. Projects with greater than 50% matching funds will receive 5 points.<br>The amount of leveraged funding will be specifically identified in every staff recommendation for potential approval by the Conservancy Board. | Released RFP: May 8, 2019<br>Applications due: <b>July 31, 2020</b><br><b>Webinar: May 21, 2020 - 2 p.m.; recording now on website.</b><br>Evaluation: Aug-Oct 2020<br>Grants Awarded: Earliest Board meeting - Jan 2021                                                                                                           | <a href="http://scc.ca.gov/grants/proposition-1-grants/">http://scc.ca.gov/grants/proposition-1-grants/</a>                                                                                         | Direct link to Proposal Solicitation:<br><a href="https://scc.ca.gov/files/2020/05/SCC_PSP_Prop-1_Round-13-.pdf">https://scc.ca.gov/files/2020/05/SCC_PSP_Prop-1_Round-13-.pdf</a> |
| Water Supply, Reliability and Water Quality             | California State Water Resources Control Board - Groundwater Treatment and Remediation Grant Program (Prop 68)<br>Severely Disadvantage Communities (SDAC)<br>Set-Aside | <b>Streamlined FAAST application process for SDACs through the online FAAST system.</b> The goal is to collect enough information for program staff to evaluate project eligibility. Program staff will then work directly with the eligible applicant to collect additional documentation necessary to award funds. Non-capital expenditures, including ongoing O&M of existing facilities. Priority projects leverage private, federal, or local funding or produce the greatest public benefit; project provides workforce education and training; contractor, and job opportunities for disadvantaged communities. Address contaminants resulting from a discharge of waste and causing contamination. Priority to threat posed by groundwater contamination to the affected community's overall drinking water supplies, including an urgent need for treatment of alternative supplies or increased water imports if groundwater is not available due to contamination - treatment includes ongoing O&M of existing facilities; the potential for groundwater contamination to spread and impair drinking water supply and water storage for nearby population areas; the potential of the project to enhance local water supply reliability; maximize opportunities to recharge vulnerable, high-use groundwater basins and optimize groundwater supplies; and addresses contamination at a site for which the courts or the appropriate regulatory authority has not yet identified responsible parties, or where the identified responsible parties are unwilling or unable to pay for the total cost of cleanup, including water supply reliability improvement for critical urban water supplies in designated superfund areas with groundwater contamination listed on the National Priorities List | Public agencies, non-profit organizations, public utilities, federally recognized Indian tribes, California Native American Tribes, and mutual water companies. | Total Funding: \$16 million set- aside for severely disadvantaged communities (median household income of less than 60% of the statewide average)<br><br>\$500,000 (min), \$5 million (max per project)<br><br>Match:<br>0% if 100% of the Project Benefits a DAC or EDA .<br>50% if applicant with a Jurisdictional Area that is not a DAC or EDA, but with Project Components that Benefit a DAC or EDA                                                                                                                                                                 | Solicitation Opened: May 18, 2020<br><b>Solicitation Closes: July 17, 2020</b><br><b>Note - Before applying, please contact program staff at <a href="mailto:gwquality.funding@waterboards.ca.gov">gwquality.funding@waterboards.ca.gov</a> to confirm SDAC eligibility.</b><br><br>Awards: Continuous basis until funds exhausted | <a href="https://www.waterboards.ca.gov/water_issues/programs/grants_loans/propositions/prop68.html">https://www.waterboards.ca.gov/water_issues/programs/grants_loans/propositions/prop68.html</a> | Scope of Work and Grant Agreement Templates also located on webpage                                                                                                                |



| 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 (Stormwater)                 | California State Water Resources Control Board - Storm Water Grant Program (Prop 1)                                                  | <p>Provide implementation funds for construction of multi-benefit storm water management projects.</p> <p>Promote the beneficial use of storm water and dry weather runoff in California by providing financial assistance to eligible applicants for projects that provide multiple benefits while improving water quality. Eligible Projects are those that capture, treat, infiltrate and/or use storm water/dry weather runoff for a variety of potential benefit, that may include, but are not limited to, green infrastructure, rainwater and stormwater capture projects and storm water treatment facilities. that result in water supply, water quality, flood protection, environmental, and community improvements. (See solicitation notice for more detail on these.)</p> <p>Preference will also be given to projects that include partnerships between organizations that are responsible for the multiple benefits.</p> <p>Eligible projects must be in both the Integrated Regional Water Management Plan and in the region's Storm Water Resources Plan (SWRP), must respond to climate change, contribute to regional water security, and contain a minimum of two benefits listed in the Guidelines Section Go. Projects may be exempt from the SWRP if (1) it is in a DAC with a population of 20,000 or less that is not a copermitee for an MS4 permit issued to a municipality with a population of more than 20,000, and (2) it is in an ASBS and covered under an approved ASBS Compliance Plan.</p> | <p>Public Agencies/Utilities, 501(c)(3) Non-Profit Organizations, Mutual Water Companies, State and Federally Recognized Tribes.</p> <p>50% match is required, with possibility of match reduction for projects benefiting Disadvantaged Communities or Economically Distressed Areas.</p> | <p>Round 2 Storm Water Implementation Grants: ~\$100 million available; grant awards of between \$250,000 to \$10,000,000. Round 1 awards to the same applicant will count toward the \$10,000,000 maximum, and would therefore reduce the maximum award for that same applicant in Round 2.</p> <p>Local Match Requirement: 50%; can be Federal grants and loans, local and private funding, or donated and volunteer (in-kind) services. DAC and EDA funding match reductions available.</p> <p>Eligible Reimbursement Costs: After November 4, 2014</p> | <p><b>Implementation Round 2 Solicitation Released: April 17, 2020</b></p> <p><b>Due Date: July 2, 2020</b></p> <p>Award Anticipated: September 2020</p> <p>Supplemental Docs Due: November 2020</p> <p>Construction Complete: November 2023</p> <p>Final Report: January 2024</p> | <p><a href="https://www.waterboards.ca.gov/water_issues/programs/grants_loans/swgp/prop1/">https://www.waterboards.ca.gov/water_issues/programs/grants_loans/swgp/prop1/</a></p> |          |
| Water Reliability, Flood Protection - Dams | Federal Emergency Management Agency (FEM) - National Dam Safety Program - Rehabilitation of High Hazard Potential Dams Grant Program | <p>Technical, planning, design and construction assistance in the form of grants for rehabilitation of eligible high hazard potential dams.</p> <p>Eligible activities: repair, removal or structural / nonstructural rehabilitation of eligible high hazard potential dams.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>Non-Federal Sponsors, defined as non-federal governments and nonprofit organizations</p> <p>Such as a state or territory with a subapplicant (submits an application to the state for FEMA assistance)</p>                                                                              | <p>Total \$10,000,000</p> <p>Allocated 1/3 equal distribution among states or territories that submit a project application and 2/3 among states or territories based on the proportion of eligible high hazard potential dams relative to the national total.</p> <p>Grant will not exceed the lesser of 12.5% of the total amount of funds made available or \$7.5 million. (=~\$400,000 to \$1.1M)</p> <p>Non-federal cost share requirement of less than 35%, which may partially or fully be in-kind.</p>                                             | <p>Application due: <b>June 26, 2020</b></p> <p>Award: <b>September 9, 2020</b></p>                                                                                                                                                                                                | <p><a href="https://www.fema.gov/rerhabilitation-high-hazard-potential-dam-grant-program">https://www.fema.gov/rerhabilitation-high-hazard-potential-dam-grant-program</a></p>   |          |



| 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           | Orange County Transportation Authority - Measure M2 (OC GO), Environmental Cleanup Program (ECP), Tier 1 Fiscal Year 2020/21 | Stormwater management: Projects that mitigate the more visible forms of pollutants; for equipment purchases and installation to existing catch basins and related best management practices (BMPs) such as screens, filters, inserts, and other “street scale” low flow diversion devices. Street scale low flow diversion devices is a general category that can include, but is not limited to; bioretention units, hydrodynamic separators, trash booms, end of the pipe netting systems, etc. It is recommended that any proposed project that is within the “street scale” low flow diversion category be further discussed with OCTA staff before completing the application. Reducing volume of surface flows is a factor of improving water quality.<br>Projects that have water-saving features (i.e., drip systems) are eligible for funding consideration. Also eligible are small scale bio retention/detention basins which capture and subsequently remove pollutants and sedimentation from storm water runoff.<br><br>Not intended to deal with drought or water use, except as a byproduct of addressing water quality. For example, a project to divert or treat polluted transportation runoff may result in reclaimed water that can be used for irrigation. The project may have a resulting benefit in meeting water supply needs. | Public agencies - Cities and counties only, while other local agencies can participate on a project                                                                                                                                                                                                                                                                                                                                                                         | Funding Available: \$2.8 million; capped at \$500,000 per agency                                                                                                                                                                                                                                                                                                                                                | Call for Projects Issued: March 9, 2020<br>Applications Due: (was May 7, 2020) <b>updated to June 25, 2020</b> | <a href="http://www.octa.net/About-OC-Go/OC-Go-Environmental-Programs/Water/Tier-1-Call-for-Projects/">http://www.octa.net/About-OC-Go/OC-Go-Environmental-Programs/Water/Tier-1-Call-for-Projects/</a> |          |
|                         | Orange County Transportation Authority - Measure M2 (OC GO), Environmental Cleanup Program (ECP), Tier 2                     | The Tier 2 Grant Program consists of funding regional, potentially multi-jurisdictional, capital-intensive projects. Examples include constructed wetlands, detention/infiltration basins and bioswales, which mitigate pollutants including litter and debris, but also heavy metals, organic chemicals, sediment and nutrients.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Eligible applicants include Orange County city and county agencies such as planning departments, public works agencies, recreational departments, etc. Third parties, such as water and wastewater public entities, environmental resource organizations, nonprofit 501(c) environmental institutions, and homeowners associations cannot act as the lead agency for a proposed project; however, these agencies can jointly apply with a city and/or the County of Orange. | The Tier 2 program was funded beginning in fiscal year 2012-13 using bond financing revenues with up to \$38 million from the Early Action Plan allocated through fiscal year 2015-16. Beyond 2015-16, funding will be based on a pay-as-you-go basis. To date, two rounds of Tier 2 funding have been allocated. Approximately \$28 million was awarded to 22 projects from 12 cities and two County agencies. | <b>The next call for projects is expected to take place in 2021.</b>                                           | <a href="http://www.octa.net/About-OC-Go/OC-Go-Environmental-Programs/Water/Tier-2-Call-for-Projects/">http://www.octa.net/About-OC-Go/OC-Go-Environmental-Programs/Water/Tier-2-Call-for-Projects/</a> |          |

| 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 | US Bureau of Reclamation<br>WaterSMART Grants - Desalination and Water Purification Research Program Pitch to Pilot for fiscal year (FY) 2020 | Reclamation is interested in research where the benefits are widespread but where private-sector entities are not able to make the full investment and assume all the risks.<br>Reclamation is also interested in research that has a national significance—where the issues are of large-scale concern and the benefits accrue to a large sector of the public.<br>Eligible projects are pilot-scale technologies or processes that incorporate or are innovative and disruptive technologies involving flow rates above one gallon per minute and that need to be tested using natural water sources rather than synthetic or laboratory-made feed water.<br>These projects are typically used to determine the technical, practical, and/or economic feasibility of a process.<br>Preliminary costs can be developed for capital and operation and maintenance costs.<br>The objectives: To treat brackish groundwater in a less energy-intensive way than current processes and technologies; Manage reverse osmosis/nanofiltration concentrate by reducing cost, energy, and/or environmental impacts; Improve efficiency of water treatment processes—either by improvements to pre-treatment, post-treatment, monitoring, sensors, or other innovative process/technology; To address costs, energy usage, and/or environmental impacts of seawater desalination, including intakes and/or outfalls; To reduce the costs, energy requirements, and/or environmental impacts of treating impaired and unusable water to standards necessary for an identified beneficial use. | Public and State controlled institutions of higher education<br>Individuals<br>State governments<br>Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education<br>Private institutions of higher education<br>Native American tribal governments (Federally recognized)<br>Special district governments<br>County governments<br>Native American tribal organizations (other than Federally recognized tribal governments)<br>Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education<br>Small businesses<br>City or township governments<br>For profit organizations other than small businesses | Up to \$150,000 per applicant.<br>No match is required but highly encouraged.                                                                                                                                                                                                                                                                         | Applications due dates:<br><b>Phase I: June 17, 2020</b><br><b>Phase II for selected applicants: September 24 to 25, 2020, at Reclamation's Brackish Groundwater National Desalination Research Facility</b><br>Reclamation will fund travel for one representative to attend the in-person meeting in Alamogordo, New Mexico up to a maximum of \$3,000 total for lodging and travel expenses.<br>Phase II might be conducted virtually if needed subject to travel restrictions and developments associated with the COVID-19 pandemic. | <a href="https://www.grants.gov/web/grants/search-grants.html">https://www.grants.gov/web/grants/search-grants.html</a> | FOA #BOR-DO-20-F014                                    |
| Flood Management                         | California Natural Resources Agency - Prop 68 Urban Flood Protection Grant Program                                                            | Projects must address flooding in urbanized areas and provide multiple benefits. Eligible projects shall include, but are not limited to, stormwater capture and reuse, planning and implementation of low-impact development, restoration of urban streams and watersheds, and increasing permeable surfaces to help reduce flooding.<br>Project must protect persons and property from flood damage. Projects must provide workforce education and training, contractor, and job opportunities for disadvantaged communities, where practicable; measurement of GHG emissions reductions and carbon sequestration associated with the project is required, where practicable. Projects should include, where feasible: Efficient use and conservation of water supplies; Use of recycled water; Stormwater capture to reduce stormwater runoff, reduce water pollution, or recharge groundwater supplies, or a combination thereof.; and safe and reliable drinking water supplies to park and open-space visitors.<br>Does not fund road improvements for motorized vehicles.<br>Projects must be complete by March 2024.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Local and state agencies, joint powers authorities, public utilities, mutual water companies, nonprofit organizations, federally-recognized Native American tribes, or nonfederally-recognized California Native American tribes listed on the California Tribal Consultation List maintained by the Native American Heritage Commission.                                                                                                                                                                                                                                                                                                                                              | \$87.5 million over two funding cycles are anticipated, with approximately \$43.75 million to be awarded per cycle. At least 20% of program funds shall be allocated for projects serving severely disadvantaged communities.<br><br>Minimum Award: \$200,000<br>Maximum Award: \$6 million<br><br>Match: 25% unless serving a disadvantage community | Draft Guidelines Public Comment Period: August 27, 2019 - October 14, 2019<br>Technical Assistance Workshop: Webcast February 18, 2020 or In-Person (closest) San Diego February 26, 2020. Presentation now posted on website.<br><br><b>Solicitation for Proposals Released</b><br>January 27, 2020.<br><b>Proposals Due: June 15, 2020</b><br><b>Was March 25, 2020; then April 9, 2020</b>                                                                                                                                             | <a href="https://resources.ca.gov/grants/ufp">https://resources.ca.gov/grants/ufp</a>                                   | Field Visits: TBD<br>Documentation: TBD<br>Awards: TBD |

| 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                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COVID-19 Response: Public Safety                              | US Department of Justice - Coronavirus Emergency Supplemental Funding                                         | For the criminal justice/law enforcement community to help public safety agencies respond to the challenges posed by the outbreak of COVID-19. The Coronavirus Emergency Supplemental Funding program, authorized by the recent stimulus legislation, will allow eligible state, local, and tribal governments to apply immediately. Funds awarded under the CESF Program must be utilized to prevent, prepare for, and respond to the coronavirus. Allowable projects and purchases include, but are not limited to, overtime, equipment (including law enforcement and medical personal protective equipment), hiring, supplies (such as gloves, masks, sanitizers), training, travel expenses (particularly related to the distribution of resources to the most impacted areas), and addressing the medical needs of inmates in state, local, and tribal prisons, jails, and detention centers.                                                                                                                                                                                         | Eligible state, local, and tribal governments; allocation listing provided on website. States, U.S. Territories, the District of Columbia, units of local government, and federally recognized tribal governments that were identified as eligible for funding under the FY 2019 State and Local Edward Byrne Memorial Justice Assistance Grant (JAG) Program are eligible to apply. | Total Available: \$850 million<br>Nationwide Awards Anticipated: 1,873<br>Total Available to the State of California: \$58.8 million<br>Based on Allocation List, cities and counties within MWDOC's service area:<br>Orange County \$53,810<br>City of Costa Mesa \$87,467<br>City of Garden Grove \$124,600<br>City of Huntington Beach \$93,807<br>City of Irvine \$35,094<br>City of Orange \$46,638<br>City of Westminster \$67,394<br>Grant funds may be applied retroactively to Jan. 20, 2020, subject to federal supplanting rules.                                                          | Solicitation Released: March 30, 2020<br>Due Date: Immediate on Rolling Basis; will remain open for at least 60 days and be extended as necessary<br><b>CLOSED May 29, 2020</b>                                                              | <a href="https://bja.ojp.gov/funding/opportunities/bja-2020-18553">https://bja.ojp.gov/funding/opportunities/bja-2020-18553</a><br><br><a href="https://bja.ojp.gov/sites/g/files/xyckuh186/files/media/document/bja-2020-18553.pdf">https://bja.ojp.gov/sites/g/files/xyckuh186/files/media/document/bja-2020-18553.pdf</a> | Press release: <a href="https://www.justice.gov/opa/pr/departments-justice-makes-850-million-available-help-public-safety-agencies-address-covid-19">https://www.justice.gov/opa/pr/departments-justice-makes-850-million-available-help-public-safety-agencies-address-covid-19</a>                                                                               |
| Water Quality, Water Supply, Reliability and Efficiency, Park | California Department of Housing and Community Development - Community Development Block Grant (CDBG) Program | Project must "principally" benefit (70% benefit) low/moderate income persons/households. For example: a) create or improve a park in a community where at least 51% of residents are low/moderate income. b) Upgrade public access to a facility for ADA compliance, c) Pay for project feasibility study, final plans and specs, site acquisition and construction, and grant administration costs of parks, Installation of ADA improvements in public facilities. 1)Community Development Allocation (CD -- formerly the General Allocation) Activities: Community Development, Native American, Colonia, Planning and Technical Assistance; 2) Economic Development Allocation (ED) Activities: Over-the-Counter (OTC), Enterprise Fund, Business Assistance, Microenterprise Assistance, Planning and Technical Assistance, 3) Drought-Related Lateral Program: Lateral pipes and connectors, Connection fees, Abandonment of dry wells. Projects can be acquisition, rehabilitation and/or construction.                                                                              | Cities or counties that are not under HUD's CDBG entitlement program. Jurisdictions can fund their own facilities or pass funds through to special districts or agencies                                                                                                                                                                                                             | Funding limits vary by activity as specified in each NOFA. Six Types of Activities:<br>1-Housing Assistance (Up to \$1M),<br>2-Public Facilities (Up to \$3.5M),<br>3-Infrastructure and Infrastructure in Support of Housing (Up to \$3.4M),<br>4- Public Services (Up to \$500,000),<br>5-Planning and Technical Assistance (Up to \$250,000), and<br>6-Economic Development - Public Infrastructure in support of businesses (Up to \$6M).<br>The PTA activity requires local matching funds to be committed to the activity, the required commitment is five percent of the total funding amount. | 2020 Notice of Funding Availability (NOFA) released <b>1/21/2020</b> .<br><br><b>Due Date: Community Development Competitive Program - Extended from April 15, 2020 to June 1, 2020</b><br><br><b>Awards: Within 90 days of application.</b> | <a href="http://www.hcd.ca.gov/grants-funding/active-funding/cdbg.shtml">http://www.hcd.ca.gov/grants-funding/active-funding/cdbg.shtml</a>                                                                                                                                                                                  | Jurisdiction sets type of financing and terms (grants vs. loans)<br><br>January 15 webinar: companion training to the NOFA Workshops scheduled the last two weeks of January.<br>Registration was: <a href="https://register.gotowebinar.com/register/3154781838541809931?source=HCD">https://register.gotowebinar.com/register/3154781838541809931?source=HCD</a> |
| Recreation                                                    | California Coastal Conservancy: Explore the River (Santa Ana)                                                 | Projects must involve visiting the Santa Ana River or its surrounding habitats. Programs and activities that will help to bring more people to the River and/or enhance their experience at the River. At least 50% of participants served by the grant must be from communities who face barriers accessing the River. Examples of projects: Recreational, educational, or stewardship that encourage access to the River; providing transportation; reduce economic, physical, or societal barriers to accessing and enjoying the River; maximize barrier-free access to the River for persons with disabilities; festivals, docent programs, or other outreach events to raise public awareness of access opportunities or promote recreational uses of the River; provide overnight River experiences; support volunteer stewardship of Santa Ana River Trail segments or other coastal access points and habitats; promote the use of public transit to access the River.<br>Ineligible projects: classroom-based programs or curriculum; construction of facilities; River clean-ups. | Public agencies, tribes, and nonprofits                                                                                                                                                                                                                                                                                                                                              | Total available: \$100,000<br>No minimum; Maximum \$35,000 per applicant<br><br>Size of award based on each project's needs, its overall benefits, and on the extent of competing demands for funds.<br><br>Project should start in early 2021 and will be completed by February 2024.                                                                                                                                                                                                                                                                                                                | Due Date: <b>May 29, 2020</b><br>Award notification: Mid-Summer 2020;<br>recommendation to CCC Board in September 2020.<br>Funding available upon contract execution, usually about 8 weeks after Board approval.                            | <a href="https://scc.ca.gov/2020/03/10/santa-ana-river-conservancy-program-explore-the-river-grants/">https://scc.ca.gov/2020/03/10/santa-ana-river-conservancy-program-explore-the-river-grants/</a>                                                                                                                        | <a href="https://scc.ca.gov/files/2020/03/SAR-ETR-2020.pdf">https://scc.ca.gov/files/2020/03/SAR-ETR-2020.pdf</a>                                                                                                                                                                                                                                                  |



| 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                                                                      |
|------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Recreation                               | California Coastal Conservancy: Explore the Coast                                  | Projects must involve visiting the coast of California or the shore of San Francisco Bay; supporting programs and activities that will help bring more people/participants to the coast and/or enhance their experience at the coast. At least 50% of participants served by the grant must be from communities who face barriers accessing the coast to take part in recreational, educational, or stewardship programs. 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. Ineligible projects: classroom-based programs or curriculum; construction of facilities; beach clean-ups. | Public agencies, tribes, and nonprofits                                                                                                                                                         | Total available: \$1.4 million<br>No minimum; Maximum \$50,000 per applicant<br><br>Size of award based on each project's needs, its overall benefits, and on the extent of competing demands for funds.<br><br>Project should start in late 2020 or early 2021 and complete by February 2023.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Due Date: Was March 30, 2020; <b>now April 20, 2020</b>                                         | <a href="https://sccc.ca.gov/2020/01/31/explore-the-coast-grant-applications-due-monday-march-30-2020/">https://sccc.ca.gov/2020/01/31/explore-the-coast-grant-applications-due-monday-march-30-2020/</a>                                                           | <a href="#">Recording from February 19, 2020 webinar . can be found here.</a> |
| Water Supply, Reliability and Efficiency | US Bureau of Reclamation WaterSMART Grants - Small-Scale Water Efficiency Projects | Small-scale on-the-ground water efficiency projects that have been identified through previous planning efforts; Reclamation is working to develop a streamlined selection and review process to make the process as simple as possible for applicants. Projects eligible for funding include canal lining/piping; municipal metering; irrigation flow measuring; SCADA; irrigation measures; or other similar projects that are limited in scope.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the Western United States and United States Territories. | \$55 million for total WaterSMART grant program for FY20; amount for this WaterSMART funding opportunity will be determined once final FY 2020 appropriations have been made.<br>Up to \$75,000 for projects to be completed within two years of award. Total Project construction costs should generally be \$200,000 or less. Projects with total project costs more than \$200,000 should be submitted under the WaterSMART Grants: Water and Energy Efficiency Grants FOA.<br>Cost Share: 50% or greater; concurrent draw down funding.<br>Project pre-award costs that have been incurred prior to the date of award but after July 1, 2017 may be considered for cost-share purposes.<br>Anticipated up to 20-30 awards per application period. | <b>FY20 selections announced on June 22, 2020.</b><br><b>FY21 FOA anticipated January 2021.</b> | <a href="https://www.grants.gov/web/grants/search-grants.html">https://www.grants.gov/web/grants/search-grants.html</a><br><br>FOA Number: <b>BOR-DO-20-F006</b><br><br><a href="https://www.usbr.gov/watersmart/sweep/">https://www.usbr.gov/watersmart/sweep/</a> |                                                                               |
| Parks                                    | California Department of Parks and Recreation: Recreational Trails Program (RTP)   | Recreational trails and trails-related projects. Project eligibility differs between the non-motorized and motorized components of the RTP .<br>Non-Motorized Projects: Acquisition of easements/property for trails; Development/rehab of trails, trailside and trailhead facilities; and Construction of new trails.<br>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                                                                                                                                      | Total Available: \$3 million<br>No maximum or minimum grant amounts, provided that the grant request does not exceed 88% of the total project cost.<br>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.                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Applications Due: Postmarked by February 3, 2020</b>                                         | <a href="https://www.parks.ca.gov/?page_id=24324">https://www.parks.ca.gov/?page_id=24324</a>                                                                                                                                                                       |                                                                               |



| 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, Park | California Department of Parks and Recreation - Land and Water Conservation Fund                               | Acquisition or development projects; but not both in one project.<br><br>Acquisition must result in a new 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.<br><br>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. | Maximum Grant Amount: Up to \$6 million<br>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. | Applications due: February 3, 2020<br><br>Next Application Deadline: February 2022                                                                                                                                                                                                                                                                                | <a href="https://www.parks.ca.gov/?page_id=30240">https://www.parks.ca.gov/?page_id=30240</a>                                                                                                       |                                                                     |
|                                                | California State Water Resources Control Board - Groundwater Treatment and Remediation Grant Program (Prop 68) | Funding may be utilized for non-capital expenditures, including ongoing operations and maintenance (O&M) of existing facilities.<br>Priority to projects that leverage private, federal, or local funding or produce the greatest public benefit; project provides workforce education and training, contractor, and job opportunities for disadvantaged communities.<br>Projects addressing contaminants resulting from a discharge of waste and causing contamination.<br>Priority to threat posed by groundwater contamination to the affected community's overall drinking water supplies, including an urgent need for treatment of alternative supplies or increased water imports if groundwater is not available due to contamination - treatment includes ongoing O&M of existing facilities; the potential for groundwater contamination to spread and impair drinking water supply and water storage for nearby population areas; the potential of the project to enhance local water supply reliability; the potential of the project to maximize opportunities to recharge vulnerable, high-use groundwater basins and optimize groundwater supplies; and the project addresses contamination at a site for which the courts or the appropriate regulatory authority has not yet identified responsible parties, or where the identified responsible parties are unwilling or unable to pay for the total cost of cleanup, including water supply reliability improvement for critical urban water supplies in designated superfund areas with groundwater contamination listed on the National Priorities List | Public agencies, non-profit organizations, public utilities, federally recognized Indian tribes, California Native American Tribes, and mutual water companies.                                                                         | Total Funding: \$74M; \$16M set- aside for severely disadvantaged communities \$500,000 (min), \$5 million (max per project), \$20 million (max per applicant)<br>Match: 50% DAC/EDA match waiver or reduction available.             | Draft Guidelines Released: May 2019<br>Comments Due During Three Public Meetings: June 24-26, 2019 (Webcast June 24) or in writing by July 3, 2019<br>Final Guidelines: August 20, 2019<br>Funding Webinar: December 2, 2019; copy of webinar located on webpage<br><br><b>Solicitation Opened: November 2019 Closes: January 24, 2020</b><br>Awards: Summer 2020 | <a href="https://www.waterboards.ca.gov/water_issues/programs/grants_loans/propositions/prop68.html">https://www.waterboards.ca.gov/water_issues/programs/grants_loans/propositions/prop68.html</a> | Scope of Work and Grant Agreement Templates also located on webpage |

| 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                                       | California Department of Water Resources - Prop 68 Sustainable Groundwater Management Planning Funding Program | Eligible projects must be within a basin or a non-adjudicated portion of a basin that are designated by DWR as high and medium priority basins, or COD basins, by the 2018 SGMA Basin Prioritization. Preference will be given to projects that leverage private, federal, or local funding or produce the greatest public benefits that address the most critical statewide needs; also to projects that directly benefit DAC(s) or SDAC(s).<br><br>Planning Grant: Activities and/or tasks that assist in the development and/or implementation of a Groundwater Sustainability Plan (GSP) that will comply with and meet DWR requirements and GSP regulations. Projects must support groundwater sustainability planning and management within medium and high priority basins and should assist in the development and implementation of a GSP(s) in reaching sustainability. Eligible project activities must be consistent with the purpose of Proposition 68, Chapter 11.6. Eligible reimbursable costs after June 5, 2018. Preference given to basins that did not receive funding in Round 2. | A Groundwater Sustainability Agency (GSA) or member agencies of the a GSA for the basin for which the application is submitted.                                       | Planning Grant:<br>Previously awarded applicant - minimum grant request \$200,000, maximum grant request = difference between past award and max grant amount of \$2,000,000.<br>New applicant - minimum grant request \$400,000, maximum request \$2,000,000 per basin.<br><br>Cost Share: If received Prop 1 funds in prior award, then minimum of 50% cost share of total project cost. If new award under Prop 68, then 25% cost share. The local cost share requirement for projects benefiting a severely disadvantaged community, DAC, or EDA may be waived or reduced. Project expenses must be incurred after May 18, 2016, (effective date of GSP Regulations), and not have contributed to the cost share of previous Proposition 1 awarded project, to be considered as local cost share. Eligible reimbursable costs are those incurred after June 5, 2018 (Prop 68 approval date). | <b>Released Final SGM Planning Grant PSP September 9, 2019</b><br><b>Applications Due: November 1, 2019 - Extended to November 15, 2019 due to wildfires</b><br>Announce Planning Grant Awards: March 2020                                                                                                                                                                              | <a href="https://water.ca.gov/WorK-With-Us/Grants-And-Loans/Sustainable-Groundwater">https://water.ca.gov/WorK-With-Us/Grants-And-Loans/Sustainable-Groundwater</a>                             | Applicant must demonstrate the availability of funds for any match required; capacity to pay for the ongoing O&M of any facility funded. Project useful life of at least 20 years and established, or have a detailed plan for establishing, adequate rights of way for the useful life of the project. |
| Water Supply, Reliability and Efficiency, Water Quality, and Energy Efficiency | California Department of Water Resources (DWR) - Integrated Regional Water Management (IRWM) Proposition 1     | Projects that are designed to support state/tribal/local government program officials, staff, and/or other interested stakeholders, and address state/tribal/local government wetland program development or refinement. These projects should help state/tribal/local governments determine and examine wetland-related needs (e.g., wetland loss of acreage or function, public perception of the value of wetlands, and management of wetland resources); program development needs (i.e., Monitoring and Assessment, Voluntary restoration/Protection, Regulatory Approaches, and Wetland-Specific Water Quality Standards); and/or develop solutions to wetland-related challenges by creatively applying the full array of available planning, technical, outreach/education, and financial tools or developing such tools.                                                                                                                                                                                                                                                                      | Public agencies, Non-profit organizations, Public utilities, Federally recognized Indian Tribes, State Indian Tribes, Mutual water companies are eligible applicants. | 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.<br>North/Central OC WMA is eligible for a portion of the Santa Ana Funding Area Round 1 Funding: \$43.85 million; \$21.925 million for general implementation projects and \$2.205 million for Disadvantaged Community (DAC) implementation projects.                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Final Proposal Solicitation Package (PSP) Released: <b>April 22, 2019</b><br><b>Application submissions - Summer/Fall 2019:</b><br>DWR to work/meet with each IRWM region and have staggered due dates based on timing with working with DWR.<br><b>Due date for Santa Ana Funding Area: November 1, 2019</b><br><b>Round 1 awards in mid 2020;</b> Round 2 solicitation mid-late 2020. | <a href="https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/IRWM-Grant-Programs/Proposition-1">https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/IRWM-Grant-Programs/Proposition-1</a> | This funding program is administered through the County of Orange, OC Watersheds. Interested applicants must submit a project scoresheet to either the North/Central OC WMA or South OC WMA.                                                                                                            |
| Wetlands                                                                       | California Department of Fish & Wildlife - Wetlands Restoration for Greenhouse Gas Reduction Grant Program     | Supports projects that provide greenhouse gas benefits while providing co-benefits such as enhancing fish and wildlife habitat, protecting and improving water quality and quantity, and helping California adapt to climate change. The program is focused on GHG emission reduction through restoration or enhancement of Delta and coastal wetlands and mountain meadow habitat.<br>All eligible projects must include implementation actions that restore or enhance coastal tidal wetlands, Sacramento-San Joaquin Delta wetlands, mountain meadows, or seasonal inland wetlands.<br>Projects must provide quantifiable GHG benefits and co-benefits that include monitoring and assessment activities to document GHG benefits and co-benefits achieved through project implementation.                                                                                                                                                                                                                                                                                                          | Public agencies, recognized Native American tribes, and nonprofit organizations.                                                                                      | \$12.75 million; no maximum or minimum requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Solicitation Released: June 25, 2019<br>Pre-Application Due: August 13, 2019<br>Request for Applications: September 3, 2019<br>Final Application Due: <b>October 15, 2019</b><br>Awards Announced: December 2019/January 2020                                                                                                                                                           | <a href="https://www.wildlife.ca.gov/Conservation/Watersheds/Greenhouse-Gas-Reduction">https://www.wildlife.ca.gov/Conservation/Watersheds/Greenhouse-Gas-Reduction</a>                         | Pre-application workshops: July 10 and July 31, 2019 by Skype<br>Visit the Wetlands Program Website or CARB CCI Events<br>Calendar for details                                                                                                                                                          |

| 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, Habitat Restoration; Ecosystem Restoration; and Multi-Benefits | California Department of Fish & Wildlife - Prop 1 Watershed Restoration Grant Program; Prop 1 Delta Water Quality and Ecosystem Restoration Grant Program; and Prop 68 Rivers & Streams Restoration Grant Program | Eligible project categories are planning, implementation and acquisition.<br>Prop1 Projects - Must address at least one of the following priorities:<br>Watershed Restoration Grant Program - Large-scale wildfire recovery response and prevention; Manage headwaters for multiple benefits; Protect/restore mountain meadow ecosystems; Protect/restore anadromous and other non-game native fish habitat; Protect/restore coastal wetland ecosystems; and Protect/restore cross-border urban creeks and watersheds.<br>Delta WQ and Ecosystem Restoration Grant Program: Improve WQ; Improve habitats in the Delta; Planning for multi-benefit restoration through regional partnerships; and Scientific studies to support implementation of the Delta Science Plan and the 2017-2021 Scient Action Plan.<br>Prop 68 Projects: Aims to fund project that address the following in the Rivers and Streams Restoration Grant Program: Restore rivers and streams in support of fisheries and wildlife; Reconnect rivers and their floodplains; Restore riparian and side-channel habitat; and Restore and protect upper watershed forests and meadows.<br>Projects must contribute to the implementation of the California Water Action Plan.                                                                                                                                                                                                                                                                                                                                                                  | Prop1: Public agencies within California (state agencies or department's public universities, special districts, joint powers authorities, counties, cities, or other political subdivisions of the state); nonprofit organizations; federally recognized Indian Tribes and state Indian tribes listed on the Native American Heritage Commission's California Tribal Consultation List; public utilities; and mutual water companies.<br><br>Prop 68: public agencies (federal, state, local); nonprofit organizations; federally recognized Indian Tribes and state Indian Tribes listed on the Native American Heritage Commission's California Tribal Consultation List. | \$37 million total -<br>\$24 million for Watershed Restoration Grants<br>\$7 million for Delta Water Quality and Ecosystem Restoration Grants<br>\$6 million for Rivers & Stream Restoration Grants<br>Of this, \$4 million will be for projects that protect and restore anadromous salmoid habitat as State match for the Pacific Coastal Salmon Recovery Fund.<br><br>Cost Share: No cost share is noted; however, technical review criteria shows up to 5 points awarded (of 100 maximum for the proposal) for cost share provided. | Proposal Solicitation Released: October 4, 2019<br>Online Application Workshops (not mandatory): October 17 and November 6, 2019<br><b>Proposals Due: November 20, 2019; Deadline was extended to November 26, 2019.</b><br>Evaluation: November 2019- January 2020<br>Awards Announced: Spring 2020<br>Grant Agreements: Summer/Fall 2020<br>Project Work Complete: March 15, 2022 (Prop 68) and March 15, 2024 (Prop 1) | <a href="https://www.wildlife.ca.gov/Conservation/Watersheds/Restoration-Grants">https://www.wildlife.ca.gov/Conservation/Watersheds/Restoration-Grants</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                | CDFW received a total of 124 proposals seeking a total of \$133 million. |
| Water Quality (Coastal), Flood Management                                     | California Department of Fish and Wildlife - Prop 1 and Prop 68 Restoration Grants                                                                                                                                | Project categories include Planning, Implementation, and Acquisition. Prop 1 Grant Programs: Watershed Restoration Grant Program - Large-Scale Wildfire Recovery Response and Prevention; Manage Headwaters for Multiple Benefits; Protect and Restore Mountain Meadow Ecosystems; Protect and Restore Anadromous and Other Non-Game Native Fish Habitat; Protect and Restore Coastal Wetland Ecosystems; and Protect and Restore Cross-border Urban Creeks and Watersheds. The objective of the Protect and Restore Coastal Wetland Ecosystems is to implement multi-benefit projects to protect and restore diversity, quality, and connectivity across the range of wetland types extending from subtidal areas to upland transition areas, including non-tidal wetlands. Benefits include improved habitat for fish and wildlife, enhanced flood protection, increased resiliency to sea-level rise and storm events, and improved water quality. The California Water Action Plan calls upon CDFW to implement large-scale habitat projects along the California coast in strategic estuaries to restore ecological health and natural system connectivity and help defend against sea-level rise. As such, project scale, regional importance, and significance and diversity of the benefits will be considered during prioritization projects. Prop 68 Grant Program: Rivers and Streams Restoration, Southern California Steelhead, and Habitat Improvements grants. Rivers and Streams Restoration includes, but not limited to: Improving local watershed management; and removing sediment or trash. | Prop1: Public agencies within California (state agencies or department's public universities, special districts, joint powers authorities, counties, cities, or other political subdivisions of the state); nonprofit organizations; federally recognized Indian Tribes and state Indian Tribes listed on the Native American Heritage Commission's California Tribal Consultation List; public utilities; and mutual water companies.<br><br>Prop 68: public agencies (federal, state, local); nonprofit organizations; federally recognized Indian Tribes ad state Indian Tribes listed on the Native American Heritage Commission's California Tribal Consultation List.  | Prop 1: Up to \$27 million dependent on allocation in FY 2019-2020 Budget Act<br>Prop 68: Up to \$22 million<br>No minimum or maximum request amount is listed.<br>Cost share is not required; however, proposals with higher proportions of secured cost share will receive higher scores. Indirect costs are limited to 20 percent of the direct costs excluding subcontractors and equipment. Costs prior to the grant term are ineligible for reimbursement.                                                                        | Application one-hour web conference workshops on Proposal Solicitation Notice (PSN) are October 17, 2019 and November 6, 2019.<br>Proposals due online using WebGrants on <b>November 25, 2019.</b>                                                                                                                                                                                                                       | <a href="https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=162114&amp;inline">https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=162114&amp;inline</a><br><a href="https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=161419&amp;inline">https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=161419&amp;inline</a><br><a href="https://wildlife.ca.gov/Conservation/Watersheds/Restoration-Grants">https://wildlife.ca.gov/Conservation/Watersheds/Restoration-Grants</a><br><a href="https://wildlife.ca.gov/Conservation/Watersheds/Prop-68">https://wildlife.ca.gov/Conservation/Watersheds/Prop-68</a> |                                                                          |



| 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 | US Bureau of Reclamation<br>WaterSMART Grants - Water Marketing Strategy Grants            | Support for entities exploring actions that can be taken to develop or facilitate water marketing that could provide a mechanism for willing participants to buy, sell, lease, or exchange water; planning efforts to develop water markets that will proactively address water supply reliability and increase water management flexibility. Develop a water marketing strategy (project) to establish or expand water markets or water marketing activities.<br>Must include: Outreach and partnership building; scoping and planning activities; and developed of a water marketing strategy document describing how water marketing activities will be implemented.                                                                                                                                                                                                                                                                                              | States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the Western United States and United States Territories.                                                                                                                                                                                                                                                                  | \$55 million for total WaterSMART grant program for FY20; amount for this WaterSMART funding opportunity will be determined once final FY 2020 appropriations have been made.<br><br>Funding Group I: Up to \$200,000 for a project that can be completed within 2 years.<br>Funding Group II: Up to \$400,000 for a project that can be completed within 3 years.<br><br>Cost Share: 50% or greater.<br>Anticipated up to 10-12 awards through Cooperative Agreements.                                                                                                                                                                                                                                               | FY19 selections announced November 12, 2019.<br><br><b>FY21 FOA anticipated February 2021.</b>                                                                       | <a href="https://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=65952">https://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=65952</a>   | Grants.gov FOA #: BOR-DO-19-F006<br>CDFA: 15.507                                                                                                                                                                                                                                                              |
| Climate Change                           | State of California Coastal Conservancy - Climate Ready Grant Program                      | Eligible projects: Planning and implementation projects to increase resilience to sea-level rise and reduce GHG emissions through such projects as: managed retreat (public infrastructure relocation or removal), natural shoreline infrastructure, living shorelines, and habitat enhancements. When current and future conditions prevent adequate function of infrastructure, managed retreat strategies are employed to relocate the infrastructure and proactively protect communities. Shoreline and habitat projects may involve installation of dunes, wetland restoration, conservation of open space, and subtidal restoration including kelp, eelgrass and oyster beds.<br>Projects must facilitate the achievement of reductions of greenhouse gas (GHG) emissions and further the purposes of the Global Warming Solutions Act of 2006 and related statutes.<br>Will prioritize projects that benefit DACs; 38% of available funding must target DACs. | Nonprofit organizations, federally recognized tribes and public agencies.<br>The Conservancy supports projects within coastal draining watersheds, the entirety of the nine county Bay Area region, and in the jurisdiction of the Santa Ana River Conservancy Program. A general map of Conservancy's jurisdiction is posted here:<br><a href="http://sccc.ca.gov/webmaster/grants/Jurisdiction1.pdf">http://sccc.ca.gov/webmaster/grants/Jurisdiction1.pdf</a> | 2019 Round 9 (Round 6): \$2.8 million<br>Number of Awards: 3-5 projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Funding Opportunity Opened: April 25, 2019<br>Funding Opportunity Closes: July 1, 2019<br><b>There will not be a 2020 Climate Ready grant round through the GGRF</b> | <a href="http://sccc.ca.gov/files/2019/04/CR6_Announcement.pdf">http://sccc.ca.gov/files/2019/04/CR6_Announcement.pdf</a>                               | <a href="http://sccc.ca.gov/climate-change/climate-ready-program/">http://sccc.ca.gov/climate-change/climate-ready-program/</a><br><br>Examples of past funded projects:<br><a href="http://sccc.ca.gov/climate-change/climate-ready-program/">http://sccc.ca.gov/climate-change/climate-ready-program/</a> . |
| Water Supply                             | US Bureau of Reclamation - WaterSMART: Title XVI WIIN Water Reclamation and Reuse Projects | Projects eligible include planning, design, and/or construction of WIIN Act water recycling and reuse projects. Must be based on the expenditures already incurred or planned to be incurred by September 30, 2021. Costs incurred by Reclamation related to awards are considered part of the total Project costs, and the recipient will be required to provide cost share for these costs.<br>Not eligible: Water reclamation projects that are solely ocean or brackish water desalination (see eligibility for these projects under Desalination Construction Project under the WIIN Act below)                                                                                                                                                                                                                                                                                                                                                                 | Eligible Applicants: Sponsors of water recycling projects that have a completed Title XVI Feasibility Study that Reclamation has reviewed and found to meet all of the requirements of Reclamation Manual Release WTR 11-01.                                                                                                                                                                                                                                     | Will fund up to 25 percent of the total cost of planning, design, and/or construction that has either already been completed or will be conducted before September 30, 2021, up to a maximum of \$20 million per project. Typically between \$1M and \$6M per applicant.<br>Eligible prior costs must have been incurred after the date of the project's congressional authorization or the date that Reclamation's feasibility study review findings for the Project were transmitted to Congress for WIIN projects.<br>Cost Share: 75% or more of total project costs.<br>Number of Awards:4-8<br>Federal Appropriations: \$20 million<br><br>Total Title XVI Program FY'18: \$54.4M, FY'19: \$58.6M, FY20: \$63.6M | FY19 FOA Released: April 29, 2019<br><br>Applications received by June 28, 2019 are currently under review as of11/3/20.                                             | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=315355">https://www.grants.gov/web/grants/view-opportunity.html?oppId=315355</a> | Under grants.gov, search for funding opportunity number BOR-DO-F018<br>CDFA: 15.504                                                                                                                                                                                                                           |



| 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                                      | US Bureau of Reclamation - Desalination Construction Projects under the WIIN Act | Projects eligible include planning, design, and construction of facilities to desalinate ocean or brackish water, including groundwater. Must not include a water recycling or reuse component. The Project must:<br>- Have a completed feasibility study that has been reviewed by Reclamation and found to meet all of the requirements of Reclamation's Directives and Standards WTR 11-01 by June 28, 2019 (the application deadline of this FOA). If review findings have not yet been transmitted to Congress, Reclamation will transmit those findings to Congress either before project selections are made or concurrently with project selections. Title XVI Water Reclamation and Reuse Program Feasibility Study Review Process, at <a href="http://www.usbr.gov/recman/wtr/wtr11-01.pdf">www.usbr.gov/recman/wtr/wtr11-01.pdf</a> . If not, then a feasibility study must be submitted for Reclamation review by July 27, 2018 (the application deadline for this FOA).<br>- Be located in the Western United States or United States Territories.<br>- Be included in a state-approved plan, and the plan must be submitted with the proposal prior to the application deadline for this FOA. If not, Federal participation in the Project must have been requested by the Governor of the State in which the eligible desalination project is located. | Applicants eligible to receive an award under this FOA include States, Departments of a State, subdivisions of a state, or a public agency organized pursuant to a State law. Applicants must be located in the Western United States or United States Territories as identified in the Reclamation Act of June 17, 1902, as amended. Eligibility does not entitle an applicant to any future Federal funding or create a new project authorization.<br><br>Sponsors of desalination projects located in the Western United States or Territories (except Alaska and Hawaii) with completed feasibility studies that have been submitted to Reclamation for review. | Will fund up to 25 percent of the total cost of planning, design, and/or construction that has either already been completed or will be conducted before September 30, 2022, up to a maximum of \$20 million per project.<br><br>Typically between \$1 million and \$6 million per applicant. Eligible prior costs must be for costs incurred up to September 30, 2022 and after enactment of the WIIN Act on December 16, 2016.<br><br>Cost Share: 75% or more of total project costs<br>Number of Awards: 2-6<br>Federal Appropriations: \$12 million for FY18, FY19, and FY20. | FOA released: April 29, 2019.<br>Applications received by June 28, 2019 are currently under review.                                                                                                                                                                             | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=315378">https://www.grants.gov/web/grants/view-opportunity.html?oppId=315378</a>                         | Under grants.gov, search for funding opportunity number BOR-DO-F008 CDFA: 15.504                                                      |
| Water Supply, Water Reliability and Water Quality | California Natural Resources Agency: Green Infrastructure Program (Prop 68)      | All projects must achieve measurable benefits by a) acquiring, creating, enhancing or expanding community parks and green spaces, or b) use natural systems, or systems that mimic natural systems to achieve multiple benefits to create sustainable and vibrant communities. A competitive project will maximize opportunities to reduce greenhouse gas (GHG) emissions through project design and implementation, incorporate green infrastructure solutions that improve the sustainability and function of existing hardscapes and landscapes and will provide multiple additional benefits including, but not limited to, decrease in air and water pollution, reduction in the consumption of natural resources and energy, increase in the reliability of local water supplies, and increased adaptability to climate change.<br>All projects should include, where possible: efficient use and conservation of water supplies; use of recycled water; stormwater capture to reduce runoff, reduce water pollution, or recharge groundwater supplies; provide safe drinking water to park and open-space visitors.                                                                                                                                                                                                                                            | Local agencies, nonprofit organizations, non-governmental land conservation organizations, federally recognized Native American tribes, or non-federally recognized California Native American tribes listed on the California Tribal Consultation List maintained by the Native American Heritage Commission                                                                                                                                                                                                                                                                                                                                                       | Awards: \$50,000 - \$3,000,000<br>Matching funds are not required; however, projects that leverage private, federal, or local funding or produce the greatest public benefit are prioritized.                                                                                                                                                                                                                                                                                                                                                                                     | Funding Opportunity Released: May 13, 2019<br>Applications Due: <b>June 28, 2019</b><br>Three-Step Process: 1) Online project proposal using SOAR; 2) On-Site Field Visit; and 3) Invitation to submit supporting documentation<br><b>No longer accepting concept proposals</b> | <a href="http://resources.ca.gov/grants/wp-content/uploads/2019/05/Final-Guidelines-1.pdf">http://resources.ca.gov/grants/wp-content/uploads/2019/05/Final-Guidelines-1.pdf</a> | Website link: <a href="http://resources.ca.gov/grants/green-infrastructure/">http://resources.ca.gov/grants/green-infrastructure/</a> |

| 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 | North-Central Orange County Watershed Management Area - California Department of Water Resources (DWR) Prop 1 - Round 1 Integrated Regional Water Management Call for Projects | Projects must be part of the North-Central OC IRWM Plan Project List to be considered for inclusion in the Prop 1-Round 1 IRWM Grant application. Once in the Plan, then complete the online Call for Projects Questionnaire. 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 6 months of award to begin construction. See list of project types in CA DWR IRWM Prop 1 Grant Program. | 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                                                                                                                                                                                                                                                                          | The North-Central OC IRWM Plan (The OC Plan) region is within the Santa Ana IRWM Funding Area and has been represented as a subregion in the Santa Ana IRWM Plan as the only IRWM region in the Funding Area. However, the NCWMA submitted an application (11/21/2018) to DWR Regional Acceptance Process to become it's own IRWM region. Final decision anticipated March 2019. Each agency in the NCWMA proposing a project must adopt The OC Plan. For Round 1, total funding of \$21.925 million is available in the Santa Ana IRWM Funding Area out of a total of \$43.85 for the Prop 1 implementation projects and \$2.205 million for Disadvantaged Community (DAC) implementation projects, which will be competitive among the IRWM regions in the Funding Area. Minimum 50% cost share; waiver/reduction available for DACs and Economically Distressed Areas. | Call for Projects to the NCWMA due by February 8, 2019<br>DWR to release the final DWR to release the final Proposal Solicitation Package in early 2019. March-April 2019<br>prioritize/rank projects. Funding Area workshop with DWR requested for July 2019.<br><b>Due to delay in DWR PSP release; NCWMA may release a second Call for Projects. (per email notice on 4/15/19)</b> | <a href="http://ocpw.maps.arcgis.com/apps/MapSeries/index.html?appid=352d3def5e2b4ee39f8f89f4511143fe">http://ocpw.maps.arcgis.com/apps/MapSeries/index.html?appid=352d3def5e2b4ee39f8f89f4511143fe</a>       | Technical Workshop recording from 1/14/19 available at: <a href="https://www.dropbox.com/sh/ssqnh83osnvoytu/AAAaboKRV65tkRwi02FtiVSa?dl=0">https://www.dropbox.com/sh/ssqnh83osnvoytu/AAAaboKRV65tkRwi02FtiVSa?dl=0</a> ; contact Beatrice Musacchia, County of Orange at <a href="mailto:beatrice.musacchia@ocpw.org">beatrice.musacchia@ocpw.org</a> or (714) 955-0612 for slides |
| Water Supply, Reliability and Efficiency, Water Quality                    | US Bureau of Reclamation - Basin Studies                                                                                                                                       | Through the Basin Studies, Reclamation works with States, Indian tribes, local partners, and other stakeholders in a cooperative manner to evaluate the ability to meet future water demands within a river basin and to identify adaptation and mitigation strategies to address the potential impacts of climate change.                                                                                                                                                                                                                                                                                                                                                                                           | States, tribes, water districts, cities, and other local governmental entities with water delivery or management authority located in the western United States                                                                                                                                                                                                                                                                          | Basin Studies are not a financial assistance program<br>Reclamation Cost Share: 50%<br>Non-Federal Cost Share: 50% or greater                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Selections were made in September 2019 for FY 2019.                                                                                                                                                                                                                                                                                                                                   | <a href="https://www.usbr.gov/watersmart/bsp/index.html">https://www.usbr.gov/watersmart/bsp/index.html</a>                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                     |
| Flood Management                                                           | California Department of Water Resources - Flood Emergency Response Projects Grants                                                                                            | This grant is designed to provide funding for local emergency responders in California, outside the legal Delta, to improve their capacity to respond to flood emergencies. Implementation of the Flood Emergency Response Program outside of the legal Delta. Funding will be prioritized through three sequential steps: 1) Planning & Coordination, 2) Training & Exercises, and 3) Facilities, Equipment, & Supplies                                                                                                                                                                                                                                                                                             | California public agencies with primary responsibility for flood emergency response and coordination are eligible to apply. "Primary responsibility for flood emergency response and coordination" applies to counties, cities, flood control districts, reclamation districts, local maintaining agencies, and Tribal governments in California. The geographic scope of this grant is statewide with the exception of the legal Delta. | \$5 million total available. Although a funding match is not a requirement of this grant, fully or partially matched funds will be taken into account when determining the overall value of the project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Applications due <b>January 29, 2018</b><br><b>Awards July 2019.</b>                                                                                                                                                                                                                                                                                                                  | <a href="https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Flood-Emergency-Response-Projects-Grants">https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Flood-Emergency-Response-Projects-Grants</a> | 3rd round was awarded in June 2018. No new rounds of funding have been noticed.                                                                                                                                                                                                                                                                                                     |

| 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                                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Flood Management, Water Quality, and Environmental | California Department of Water Resources - Riverine Stewardship Program: San Joaquin Fish Population Enhancement Program and Urban Streams Restoration Program | Established in Water Code Section 7049 to implement watershed-based riverine and riparian stewardship improvements by providing technical and financial assistance in support of projects that reduce flood risk, restore and enhance fish populations and habitat, improve water quality, achieve climate change benefits, and in general to ensure resilient ecological functions within areas that include, but are not limited to, urban or urbanizing areas of the state. The Program coordinates implementation of the following sub-programs: San Joaquin Fish Population Enhancement Program and Urban Streams Restoration Program. The Urban Streams Restoration program provides grants to local communities for projects to prevent property damage caused by flooding and erosion; restore, enhance, or protect the natural ecological values of streams; and promote community involvement, education, and riverine stewardship. Must include an education/outreach component linking project to the environment and sustainability of California's water resources. | USRP: Requires two applicants (sponsor and co-sponsor), including one local public agency or tribe and one nonprofit organization.                                                     | Up to \$48.3 million for this solicitation, which includes: \$38.97 million in Proposition 13 funds for the SJFPEP.; \$1.84 million in Proposition 84 funds for the USRP; and \$7.58 million in Proposition 68 funds for the USRP. Set-aside of 35% to small and large projects that serve DACs.<br><br>Maximum of \$1 million per award; exceptions on a case-by-case basis.<br><br>USRP includes a set-aside of up to \$1 million (Prop 68) for technical assistance for projects that serve DACs. Technical assistance includes planning-only grants for planning and design, environmental and scientific, long-term management, and outreach.<br><br>20% matching funds; waived if benefits a DAC; funding match for costs after June 5, 2018. | Final Guidelines released: June 1, 2019.<br>Applications Due: <b>August 30, 2019</b> online using GRanTS.<br>Final Grant Awards: February 2020 | <a href="https://water.ca.gov/rsp/grants">https://water.ca.gov/rsp/grants</a>                                                                           | Riverine Program Manager: A. Marc Commandatore, angelo.commandatore@water.ca.gov<br>Program Supervisor: Jim Long, jim.long@water.ca.gov |
|                                                    | US Bureau of Reclamation - Desalination and Water Purification Research Program for Fiscal Year 2019                                                           | Funding for cost share laboratory scale and pilot scale projects that address DWPR program goals and objectives. Funding Group I: Laboratory scale projects are typically bench scale studies involving small flow rates (less than 2 gallons per minute). They are used to determine the viability of a novel process, new materials, or process modifications. Research at this stage often involves a high degree of risk and uncertainty.<br>Funding Group II: Pilot scale projects test a novel process at a sufficiently large scale to determine the technical, practical, and economic viability of the process and are generally preceded by laboratory studies (funded previously by DWPR or others) that demonstrate that the technology works.                                                                                                                                                                                                                                                                                                                        | Private industry, universities, water utilities, and other research sponsors                                                                                                           | Reclamation anticipates awarding up to \$1,200,000 for projects funded under this FOA. Funding Group I: Laboratory Scale projects. Up to \$150,000 per applicant<br>Funding Group II: Pilot Scale projects. Up to \$200,000 per applicant per year, for a total of up to \$400,000 over two years.                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Released September 2018.<br>Grant deadline <b>December 13, 2018 4pm MST.</b>                                                                   | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=308923">https://www.grants.gov/web/grants/view-opportunity.html?oppId=308923</a> |                                                                                                                                         |
| Water Supply, Reliability and Efficiency           | US Bureau of Reclamation WaterSMART Grants - Reservoir Operations Alternatives—Calculating Economic Effects                                                    | Develop a methodology for analyzing the economic effects of reservoir operating alternatives. Applicants under this FOA may request funding for projects that include both (i) a technical study that develops a methodology for analyzing the economic effects of reservoir operating alternatives and potential improvements and (ii) a transferable tool for reservoir operators to use to estimate the benefits of specific reservoir operating alternatives and potential improvements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | States, tribes, irrigation districts, water districts, universities, nonprofit research institutions, organizations with water or power delivery authority, or nonprofit organizations | Up to \$150,000.<br>Cost Share: 50 percent or more of total project costs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Application due: <b>February 27, 2018</b>                                                                                                      | <u>N/A</u>                                                                                                                                              |                                                                                                                                         |



| 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 | US Bureau of Reclamation - Agricultural Water Use Efficiency Grants (Ag WUE)                                                      | The Bureau of Reclamation and the Natural Resources Conservation Service are collaborating to make federal funding available in California to improve the efficiency of agricultural water use throughout the state. The projects funded through this partnership will help communities build resilience to drought, including the modernization of their water infrastructure and efficiently using scarce water resources, while supporting the agricultural economy. Eligible projects: directly enabling on-farm water conservation or water use efficiency projects that can be undertaken by farmers and ranchers. BOR and NRCS encourage water suppliers to work with farmers to identify roles suppliers play to facilitate and/or assist with on-farm improvements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | In accordance with Public Law 111-111, any eligible applicants are State, Indian tribe, irrigation district, water districts, or other organization with water or power delivery authority.                               | Reclamation's share of any one proposed project shall not exceed the grant funding amount specified in the FOA or 50 percent of the total project costs.<br><br>Multiple applications from one entity for different projects may be submitted for consideration under this FOA. In addition, applicants may apply for funding of projects eligible under the other BDRWUE FOA. However, no more than \$1,000,000 in FY2017 BDRWUE Grant funding will be awarded to any one entity.                                                                                                                                                                                                                                                                                                                                               | Applications due <b>March 2018</b> , FOA expected on grants.gov in the Winter.                                                  |                                                                                                                                                             |                                                                                                                                    |
| Water Quality                            | California Department of Fish and Wildlife - Watershed Restoration & Delta Water Quality and Ecosystem Restoration Grant Programs | Watershed Restoration Program focuses on water quality, river, and watershed protection and restoration projects of statewide importance outside of the Sacramento-San Joaquin Delta. Funding shall only be used for projects that will provide fisheries or ecosystem benefits or improvements that are greater than required applicable environmental mitigation measures or compliance obligations, except for any water transfers for the benefit of subsection (d) of Section 3406 of the Central Valley Project Improvement Act.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Eligible entities include public agencies within California, nonprofit organizations registered with the California Secretary of State, public utilities, federally recognized Indian tribes, and mutual water companies. | TBD depending on final release of the guidelines (still in Draft period).<br><br>Beginning in 2015, these grant programs are investing \$285 million in projects of statewide importance outside of the Delta.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Final Solicitation Released 4/30/18. Proposals were due Wednesday, <b>June 13, 2018</b> , by 4:00 PM, PDT. Solicitation Closed. | <a href="https://www.wildlife.ca.gov/Conservation/Watersheds/Restoration-Grants">https://www.wildlife.ca.gov/Conservation/Watersheds/Restoration-Grants</a> | CDFW anticipates awarding grants as early as August 2018, with grant agreement execution approximately six months from award date. |
| Energy                                   | South Coast Air Quality Management District (AQMD) Natural Gas Infrastructure Funding Opportunities                               | Clean Transportation Funding™ to assist in the construction of Natural Gas Refueling Infrastructure within the South Coast Air Quality Management District (SCAQMD). This funding opportunity has at its core the following goals and objectives:<br><input type="checkbox"/> Offer funding opportunities to most, if not all, entities interested in pursuing natural gas infrastructure projects, including public and private site owners, fleet owners, infrastructure providers, fuel providers, and school districts;<br><input type="checkbox"/> Provide incentives for the construction or expansion of natural gas refueling stations;<br><input type="checkbox"/> Provide an additional funding incentive for refueling stations that utilize natural gas produced from renewable sources;<br><input type="checkbox"/> Offer incentives to fleets to upgrade their existing vehicle maintenance facilities to accommodate indoor maintenance of gaseous-fuel vehicles;<br><input type="checkbox"/> Support the training of technicians in the maintenance of natural gas-fueled vehicles and infrastructure;<br><input type="checkbox"/> Support fleets purchasing natural gas vehicles in compliance with the SCAQMD Fleet Rules, or pursuing vehicle incentives under the SCAQMD Carl Moyer Program. | Most entities interested in implementing natural gas refueling station projects within the SCAQMD jurisdiction are welcome to participate in the Program.                                                                 | The amount of MSRC Clean Transportation Funding™ allocated for the Natural Gas Infrastructure Program is \$4,000,000. Of this amount, a maximum of \$150,000 may be awarded for technician training. The MSRC has established a Geographical Funding Minimum for each county within the SCAQMD. The geographical funding minimum amount has been set at \$500,000 per county. This funding set-aside guarantees a minimum level of funding for each county to implement natural gas infrastructure projects. At the end of the application submittal period, June 29, 2018, if any county has funds remaining in its geographical minimum, these funds will be made available to qualifying projects from any other county in order of receipt. The total of the MSRC funding award cannot exceed 50% of the Total Project Cost. | Applications due: <b>June 29, 2018</b> .                                                                                        | <a href="http://www.aqmd.gov/nag/grants-bids">http://www.aqmd.gov/nag/grants-bids</a>                                                                       |                                                                                                                                    |



| 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                | California State Water Resources Control Board - Cleanup and Abatement Account (CAA) Interim Emergency Drinking Water Program | For addressing the interim emergency drinking water needs of those communities that suffer from drought-related water outages or threatened emergencies and disadvantaged communities with a contaminated water supply. Eligible Projects (included, but not limited to) Bottled Water, Well Repair, Well Rehabilitation, and Replacement Vending Machines, Point of Use Devices, (for example, Filtration) Hauled Water, Emergency Interties, Treatment Systems, etc.                                                | Eligible recipients are the following:<br>(1) A public agency that serves a disadvantaged community;<br>(2) A tribal government that is serving a disadvantaged community, (3) A not-for-profit organization serving a disadvantaged community; or<br>(4) A community water system that serves a disadvantaged community. | Emergency funding will generally be limited to \$500,000 per project, including both grant and direct expenditures, unless the State Water Board determines that the size of the community and nature of the emergency require a greater expenditure of funds to adequately address the emergency. Total funds available: \$19 Million. | Funds must be encumbered by June 30, 2016 and spent by <b>June 30, 2018</b> . Applications can be submitted on a continuous basis through FAAST until funds exhausted.          | <a href="http://www.waterboards.ca.gov/water_issues/programs/grants_loans/caa/dw_droughtfund/">www.waterboards.ca.gov/water_issues/programs/grants_loans/caa/dw_droughtfund/</a> |                                                                                                                                              |
| Water Supply, Reliability and Efficiency, Water Quality | Metropolitan Water District of Southern California - Future Supply Actions Funding Program                                    | Foundational Actions, now referred to as Future Supply Actions, provides funding for technical studies or pilot projects to enable effective resource planning and potential implementation for groundwater, recycled water, stormwater, and seawater desalination. 2-year studies. May include: pilot and bench-scale studies, demonstration studies, tracer studies, system integration studies, innovation treatment processes, new sensor technologies, ocean intake and outfalls, brine disposal and harvesting. | Metropolitan member agencies and sub member agencies. The proposal must be submitted by one designated lead member agency.                                                                                                                                                                                                | A total of \$3.5 million for this round. \$500,000 max per project or per agency. More than one project can be submitted, but only \$500,000 would be awarded to one agency. Require 100% match, dollar for dollar, and no in-kind costs.                                                                                               | RFP release on July 6, 2018 with proposals due 11am on <b>August 31, 2018</b><br><br><b>Target for another round was the end of 2021 / early 2022, but this is now unlikely</b> | <a href="http://www.mwdh2o.com/AboutYourWater/faf-program">http://www.mwdh2o.com/AboutYourWater/faf-program</a>                                                                  | Foundational Actions Funding Program: Warren Teitz<br>Phone (213) 217-7418<br>Email <a href="mailto:wteitz@mwdh2o.com">wteitz@mwdh2o.com</a> |

| 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 without Deadlines   |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                  |                                                                                                                                                                                                                                                    |                                                                                                                                                            |                                                                                                   |
| Water Supply                             | US Department of Commerce, Economic Development Administration: FY 2019 Disaster Supplemental Notice of Funding | <p>Support disaster economic recovery activities that address the impacts of Hurricanes Florence, Michael, and Lane, Typhoons Yutu and Mangkhut, and of wildfires, volcanic eruptions, earthquakes and other natural disasters occurring in calendar year 2018, and tornadoes and floods occurring in calendar year 2019 only.</p> <p>Help communities and regions devise and implement long-term economic recovery strategies through non-construction and construction projects to address economic challenges in areas where a Presidential declaration of a major disaster was issued.</p> <p>Projects may be from 12 to 18 months with extensions considered. Implementation grants involving construction of project facilities and infrastructure generally are from 12 to 48 months.</p> <p>Resilience (within the context of economic development) should include methods and measures to mitigate the potential for future economic injury, promote a faster "up-time" for economic anchors (e.g., key businesses and/or industries), and strengthen local and regional capacity to troubleshoot and address vulnerabilities within the regional economy. Applications must clearly incorporate resilience principles. The development and adoption of new technologies play vital roles in strengthening economic resilience: deploying technologies (e.g., through more robust telecommunications networks or earthquake-ready buildings) enables resilience to natural disasters, and nurturing technology ecosystems supports dynamic, diverse economies that better withstand acute disruptions.</p> | <p>Communities impacted by Hurricanes Florence, Michael, and Lane, Typhoons Yutu and Mangkhut, and of wildfires, volcanic eruptions, earthquakes and other natural disasters occurring in calendar year 2018, and tornadoes and floods occurring in calendar year 2019.</p> <p>District Organization; 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 education; or public or private non-profit organization or association acting in cooperation with officials of a political subdivision of a State</p> | <p>\$107,000,000 for the Denver Office</p> <p>Applications are reviewed within 60 days of receipt.</p>                           | Continuous until funds are exhausted. There are no application deadlines and the agency will accept proposals on a rolling basis until the publication of a new Disaster Supplemental NOFO, cancellation of this NOFO, or all funds are obligated. | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=319126">https://www.grants.gov/web/grants/view-opportunity.html?oppId=319126</a>    | Official notice not yet issued, but as of 10/2/20, program is just about closed & out of funding. |
| Water Supply, Water Quality              | California State Water Resources Control Board - Drinking Water for Schools Grant Program                       | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 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.               | <b>All appropriated funding has been awarded.</b> Applications can be submitted on a continuous basis through FFAST.                                                                                                                               | <a href="http://www.waterboards.ca.gov/water_issues/programs/grants_loans/schools/">www.waterboards.ca.gov/water_issues/programs/grants_loans/schools/</a> |                                                                                                   |
| Water Supply, Reliability and Efficiency | California Department of Water Resources - Save Our Water Rebates Proposition 1, Chapter 7                      | Turf Replacement Initiative. One-time \$2/square foot rebate for turf removed and replaced with a minimum of 25% coverage of drought-tolerant plants. The maximum turf rebate is \$2,000. An institutional program is also available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | On-line applications are available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | \$3 million remaining funds available for residential turf replacement and \$1 million remaining for institutional turf removal. | Rebates will be accepted on a first-come, first-served basis. Interested applicants submit their application as soon as possible. <b>Fully committed, and no additional applications for rebates will be accepted at this time (6/7/20)</b>        | <a href="http://www.saveourwaterrebates.com/">http://www.saveourwaterrebates.com/</a>                                                                      |                                                                                                   |

| 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 (Coastal)                                 | California State Water Resources Control Board - Clean Beaches Initiative Grant Program       | Projects to Improve Coastal Water Quality. Implementation projects included in Stormwater Resource Management Plans.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Public agencies, nonprofit organizations, public utilities, federally recognized Indian tribes, state Indian tribes listed on Native American Heritage Commission's California Tribal Consultation List, and mutual water companies. | To be determined based on appropriations and available funds. Minimum grant is \$150K and maximum is \$5M. Cost share: 20% for Projects \$1,000,000 to \$5,000,000 (inclusive); 15% for Projects less than \$1,000,000; 75% for sewer infrastructure Projects. Disadvantaged community match: 10% for Projects \$1,000,000 to \$5,000,000 (inclusive); 5% for Projects less than \$1,000,000.                                                                                                                                                                                                                                                                                          | Funds to be expended through the Proposition 1 Storm Water Grant Program solicitation.<br><br>- Planning and Implementation Round 1: CLOSED<br>- Implementation Round 2: Summer 2019<br><b>The remaining funds for the Clean Beaches Initiative Grant Program have been included in the Proposition 1 Storm Water Grant</b> | <a href="http://www.waterboards.ca.gov/water_issues/programs/beaches/cbi_projects/index.shtml">www.waterboards.ca.gov/water_issues/programs/beaches/cbi_projects/index.shtml</a>                               |                                                                                                                                                     |
| Water Education                                         | Metropolitan Water District of Southern California (MWD) - Community Partnering Program (CPP) | The Community Partnering Program sponsors water-related educational outreach programs: community forums, workshops and water festivals, curriculum development for grades K-12, after-school programs, exhibits, promotional materials, and native plant garden signage. Applications will be evaluated on their ability to address key points: Supports the discussion of Metropolitan's broader regional benefits—water conservation, water-use efficiency, water quality, water reliability, or water supply; and supports community involvement and participation with other resource entities: regional, state or national institutions and/or MWD member agencies                                                                            | Sponsorships for community-based organizations including nonprofit groups, professional associations, educational institutions and public agencies.                                                                                  | Applications must be submitted 30 days prior to the start date of the event or program. Requests for a maximum \$2,000 award will be reviewed year-round and funds are awarded throughout the year. Funds are limited, however, and may be depleted prior to the ending of this fiscal year (June 30). Combined administrative and labor expenses are limited to 20% (up to \$400) of the total MWD sponsorship award.                                                                                                                                                                                                                                                                 | The CPP is currently under review and is not accepting applications at this time. Check this site regularly for updates.<br><br>Application period opened July 1, 2018 and are accepted until funds are depleted.<br><br>Can apply once per fiscal year: June-July                                                          | <a href="http://www.mwdh2o.com/inthecommunity/community-outreach">http://www.mwdh2o.com/inthecommunity/community-outreach</a>                                                                                  |                                                                                                                                                     |
| Water Quality, Water Supply, Reliability and Efficiency | Walton Family Foundation (Private Foundation)                                                 | Projects that sustain vibrant communities and natural resources. Ocean conservation work focuses on securing healthy, sustainable fisheries in the Americas – the U.S., Mexico, Peru and Chile – and Indonesia. Water in the West - creating a healthier Colorado River Basin ( <a href="https://www.waltonfamilyfoundation.org/stories/water-in-the-west">https://www.waltonfamilyfoundation.org/stories/water-in-the-west</a> ). Applicant must first submit a letter of inquiry. The letter should succinctly describe the organization and the proposed project, specify and briefly explain its relevance to a particular Walton Family Foundation funding area and initiative, and provide an estimate of the funds that would be requested. | Eligibility TBD                                                                                                                                                                                                                      | Varies program to program. FY16 Grant giving: \$83,188,424 to environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Only solicited proposals are accepted; an organization interested in applying for a grant needs first to send a brief letter of inquiry.                                                                                                                                                                                    | <a href="https://www.waltonfamilyfoundation.org/our-work/environment">https://www.waltonfamilyfoundation.org/our-work/environment</a><br><br>ATTN: Letter of Inquiry<br>P.O. Box 2030<br>Bentonville, AR 72712 | Letters of inquiry should be addressed to:<br><br>Walton Family Foundation<br><br>ATTN: Letter of Inquiry<br>P.O. Box 2030<br>Bentonville, AR 72712 |
| Water Supply, Energy                                    | California Department of Water Resources - Water Energy Grant Programs                        | Implementation of water efficiency programs or projects that reduce greenhouse gas emissions, and reduce water and energy use. In 2014 and 2016 they funded these types of programs/projects:<br><br>Commercial Water Efficiency or Institutional Water Efficiency Programs<br><br>Residential Water Efficiency Programs that benefit Disadvantaged Communities<br><br>Projects that reduce greenhouse gas, reduce water and reduce energy use<br><br>Only projects with water conservation measures that also save energy.                                                                                                                                                                                                                        | Eligible applicant are local public agencies, joint powers authorities, or nonprofit organizations.                                                                                                                                  | The funding for this solicitation of the Water-Energy grant program appropriated \$19 million in funding from the GGRF (Health and Safety Code §39710 et seq.). The maximum grant award is \$3 million per proposal, and DWR will not award more than \$6 million per applicant. there is no mandated cost-share. However, if the total proposal costs exceed the maximum grant amount, then the applicants are required to document all costs and funding sources necessary to complete the scope of work, and must track the cost share on the DWR invoice form. Proposals that include a cost share may be provided a tie breaker advantage when preparing funding recommendations. | Projects funded in the 2014 and 2016 solicitations are in progress. 2016 awards were announced roughly 3-6 months after submission deadline closed.                                                                                                                                                                         | <a href="https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Water-Energy-Grant-Programs">https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Water-Energy-Grant-Programs</a>                            | Updated PSP is not available as of April 2018; Soto Resources will continue to monitor status.                                                      |

| 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                  | US Bureau of Reclamation - Drought 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).<br>Applicant needs an existing drought contingency plan on file or a state governor or tribal leader drought declaration. Assistance must be requested in writing. | Total Drought Response Program FY18: \$8.5M, FY19: \$9M, FY20: \$4M<br><br>Funding availability is dependent on appropriations. Up to \$100,000 in Federal funds will be made available for each emergency response action.<br><br>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. | <a href="https://www.usbr.gov/drought/emergency.html">https://www.usbr.gov/drought/emergency.html</a> |                                            |
| Water Supply, Reliability and Efficiency                  | US Bureau of Reclamation - Title XVI Feasibility Studies                                                                           | Funding for development of new Title XVI feasibility studies. Proposals demonstrate how a feasibility study will explore water reuse and address Reclamation's D&S for a Title XVI feasibility study to help stretch water supplies.                                                                                                                                                                                                                                                                                                                                                                    | Entities with water delivery authority, all located within the Western United States or Territories (except Alaska).                                                                                                                      | Total Title XVI Program FY18: \$54.4M, FY19: \$58.6M, FY20: \$63.6M.<br>Up to \$150,000 for feasibility studies to be completed within 18 months; or up to \$450,000 for feasibility studies to be completed within 3 years.<br>Cost Share: 50% or greater                                                                                                                                                  | No FOA is offered in FY 2019. Last applications were due July 27, 2018.     |                                                                                                       |                                            |
| Water Supply, Reliability and Efficiency<br>Water Quality | California Department of Water Resources - Safe Drinking Water – Contaminant Removal Technologies Pilot and Demonstration Projects | Pilot and Demonstration Projects for Contaminant Removal Technologies for contaminants such as: <ul style="list-style-type: none"><li>• Petroleum products,</li><li>• Nitrosodim- ethylamine,</li><li>• Perchlorate,</li><li>• Radionuclides,</li><li>• Pesticides,</li><li>• Herbicides,</li><li>• Heavy metals,</li><li>• Pharmaceuticals, and</li><li>• Endocrine disrupters</li></ul>                                                                                                                                                                                                               | Public water systems and California Native American Tribes under the regulatory jurisdiction of SWRCB (formerly CDPH) and other public entities.                                                                                          | Up to \$5 million per grant<br>Non-state cost share required.<br>Designated funds are being held for disadvantaged communities.<br>No match required for disadvantaged communities or small water systems (public water system serving less than or equal to 1,000 service connections or less than or equal to a population of 3,300).                                                                     | TBD                                                                         | <u>TBD</u>                                                                                            | Contact: Steve Giambrone<br>(916) 653-9722 |
| Water Supply, Reliability and Efficiency<br>Water Quality | California Department of Water Resources – Safe Drinking Water – Contaminant Removal Technologies Ultraviolet and Ozone Treatment  | Drinking water disinfecting projects using Ultra Violet technology and ozone treatment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Public water systems and California Native American Tribes under the regulatory jurisdiction of SWRCB (formerly CDPH) and other public entities.                                                                                          | Up to \$5 million per grant. Non-state cost share required. Designated funds are being held for disadvantaged communities. No match required for disadvantaged communities or small water systems.                                                                                                                                                                                                          | TBD                                                                         | <u>TBD</u>                                                                                            | Contact: Steve Giambrone<br>(916) 653-9722 |



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

**WATER REVENUES**

| <b>Date</b> | <b>From</b>                        | <b>Description</b>             | <b>Amount</b> |
|-------------|------------------------------------|--------------------------------|---------------|
| 1/07/2021   | Serrano Water District             | November 2020 Water deliveries | 7,524.73      |
| 1/07/2021   | City of Westminster                | November 2020 Water deliveries | 12,795.62     |
| 1/08/2021   | Laguna Beach County Water District | November 2020 Water deliveries | 313,746.88    |
| 1/08/2021   | City of San Clemente               | November 2020 Water deliveries | 596,275.54    |
| 1/08/2021   | Trabuco Canyon Water District      | November 2020 Water deliveries | 162,635.56    |
| 1/11/2021   | El Toro Water District             | November 2020 Water deliveries | 455,180.83    |
| 1/11/2021   | City of Seal Beach                 | November 2020 Water deliveries | 8,575.99      |
| 1/11/2021   | Santa Margarita Water District     | November 2020 Water deliveries | 1,866,269.88  |
| 1/11/2021   | South Coast Water District         | November 2020 Water deliveries | 419,842.76    |
| 1/13/2021   | City of Garden Grove               | November 2020 Water deliveries | 306,561.95    |
| 1/14/2021   | East Orange Co Water District      | November 2020 Water deliveries | 333,017.65    |
| 1/14/2021   | City of Orange                     | November 2020 Water deliveries | 197,893.27    |
| 1/14/2021   | City of San Juan Capistrano        | November 2020 Water deliveries | 435,717.96    |
| 1/15/2021   | Golden State Water Company         | November 2020 Water deliveries | 373,966.57    |
| 1/15/2021   | Moulton Niguel Water District      | November 2020 Water deliveries | 2,108,827.56  |
| 1/15/2021   | Irvine Ranch Water District        | November 2020 Water deliveries | 845,113.34    |
| 1/15/2021   | Orange County Water District       | November 2020 Water deliveries | 417,797.03    |
| 1/15/2021   | Yorba Linda Water District         | November 2020 Water deliveries | 215,079.79    |
| 1/19/2021   | City of La Habra                   | November 2020 Water deliveries | 11,649.97     |
| 1/29/2021   | City of Huntington Beach           | December 2020 Water deliveries | 241,979.03    |
| 1/25/2021   | City of Newport Beach              | December 2020 Water deliveries | 26,377.30     |
| 1/28/2021   | Trabuco Canyon Water District      | December 2020 Water deliveries | 158,481.04    |
| 1/28/2021   | City of Westminster                | December 2020 Water deliveries | 12,795.62     |

TOTAL WATER REVENUES \$ 9,528,105.87

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

**MISCELLANEOUS REVENUES**

| <b>Date</b> | <b>From</b>                      | <b>Description</b>                                                 | <b>Amount</b> |
|-------------|----------------------------------|--------------------------------------------------------------------|---------------|
| 1/25/2021   | Judy Pfister                     | Jan-Mar 2021 Retiree Health insurance                              | 121.89        |
| 1/04/2021   | Patricia Meszaros                | January 2021 Retiree Health insurance                              | 40.63         |
| 1/25/2021   | Mary Snow                        | Feb-Nov 2021 Retiree Medical insurance                             | 358.80        |
| 1/04/2021   | Western Municipal Water District | WEEA Sponsorship                                                   | 2,500.00      |
| 1/04/2021   | Butte County Oroville California | Camp Fire - Mutual Aid Response reimbursement                      | 5,323.33      |
| 1/15/2021   | Tina Dubuque                     | Sit stand and file cabinet purchase                                | 290.00        |
| 1/19/2021   | Urban Water Institute            | Refund for Urban Water Spring Conference registration - Rob Hunter | 575.00        |
| 1/25/2021   | Office Depot Inc                 | Annual rebate                                                      | 25.62         |
| 1/05/2021   | US Bank Custodial Account        | Westpac Banking interest payment                                   | 2,500.01      |
| 1/15/2021   | US Bank Custodial Account        | National Rural Utilities Coop interest payment                     | 416.67        |
| 1/21/2021   | US Bank Custodial Account        | Comenity Capital and Capital one interest payment                  | 679.46        |
| 1/28/2021   | US Bank Custodial Account        | Capital One and Discover Bank interest payment                     | 6,591.77      |
| 1/29/2021   | US Bank                          | Monthly Interest                                                   | 5.30          |
| 1/19/2021   | Moulton Niguel Water District    | November 2020 Smartimer rebate program                             | 1,435.10      |
| 1/19/2021   | Mesa Water District              | November 2020 Smartimer rebate program                             | 3.99          |
| 1/21/2021   | City of Westminster              | August 2020 Turf Removal rebate program                            | 222.00        |
| 1/26/2021   | City of Brea                     | November 2020 Turf Removal rebate program                          | 111.00        |
| 1/25/2021   | City of Fountain Valley          | November 2020 Turf Removal rebate program                          | 111.00        |
| 1/15/2021   | City of Tustin                   | November 2020 Turf Removal rebate program                          | 111.00        |
| 1/25/2021   | Irvine Ranch Water District      | November 2020 Spray to Drip rebate program                         | 120.60        |
| 1/25/2021   | Irvine Ranch Water District      | November 2020 Smartimer and Rotating Nozzle rebate program         | 2,043.91      |
| 1/25/2021   | City of Orange                   | November 2020 Turf Removal and Spray to Drip rebate program        | 444.00        |
| 1/08/2021   | Trabuco Canyon Water District    | October 2020 So Cal Watersmart rebate program                      | 640.00        |
| 1/08/2021   | Trabuco Canyon Water District    | November 2020 So Cal Watersmart rebate program                     | 85.00         |
| 1/08/2021   | City of San Clemente             | November 2020 So Cal Watersmart rebate program                     | 375.00        |
| 1/25/2021   | City of La Palma                 | Water Loss Control Shared Services FY 2020-2021                    | 591.00        |
| 1/14/2021   | East Orange Co Water District    | AWIA Phase 3 Emergency Response Plans                              | 61,886.00     |
| 1/15/2021   | City of San Clemente             | AWIA Phase 3 Emergency Response Plans                              | 61,886.00     |
| 1/15/2021   | City of Tustin                   | AWIA Phase 3 Emergency Response Plans                              | 33,229.00     |
| 1/19/2021   | City of Newport Beach            | AWIA Phase 3 Emergency Response Plans                              | 14,945.00     |
| 1/25/2021   | City of Buena Park               | AWIA Phase 3 Emergency Response Plans                              | 33,229.00     |
| 1/28/2021   | Trabuco Canyon Water District    | 2020 - 5 Year Update Urban Water Management Plan                   | 35,460.00     |

TOTAL MISCELLANEOUS REVENUES \$ **266,357.08**  
**TOTAL REVENUES \$ 9,794,462.95**



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of February 2021**

| Vendor/<br>Invoice                 | Description                                                                                                         | Amount to<br>Pay |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Core Disbursements:</b>         |                                                                                                                     |                  |
| <b>ABSG Consulting Inc</b>         |                                                                                                                     |                  |
| 5106985                            | December 2020 Owner's Representative construction support services for MWDOC office remodel                         | 21,003.05        |
| ***Total***                        |                                                                                                                     | <u>21,003.05</u> |
| <b>ACCO Engineered Systems Inc</b> |                                                                                                                     |                  |
| 20019028                           | Replacement of filters and UV bulbs at MWDOC office                                                                 | 1,988.18         |
| ***Total***                        |                                                                                                                     | <u>1,988.18</u>  |
| <b>Richard C Ackerman</b>          |                                                                                                                     |                  |
| 1296                               | January 2021 Legal and regulatory matters consulting                                                                | 2,475.00         |
| ***Total***                        |                                                                                                                     | <u>2,475.00</u>  |
| <b>Aleshire &amp; Wynder LLP</b>   |                                                                                                                     |                  |
| 60547                              | January 2021 Legal services                                                                                         | 908.00           |
| ***Total***                        |                                                                                                                     | <u>908.00</u>    |
| <b>Best Best and Krieger LLP</b>   |                                                                                                                     |                  |
| 55401-DEC20                        | December 2020 Legal services                                                                                        | 13,929.80        |
| 895041                             | December 2020 Services for State legislative advocacy                                                               | 8,000.00         |
| ***Total***                        |                                                                                                                     | <u>21,929.80</u> |
| <b>Black &amp; Veatch</b>          |                                                                                                                     |                  |
| 1336643                            | December 2020 Services for Hydraulic Model Phase 2 build and model calibration                                      | 17,021.00        |
| ***Total***                        |                                                                                                                     | <u>17,021.00</u> |
| <b>ComputerWorks NFP Solutions</b> |                                                                                                                     |                  |
| 3836                               | 11/1/20-12/31/20 Services for AccuFund system implementation and remote access                                      | 15,600.00        |
| 3837                               | 80 hours of Prepaid Time Block for AccuFund system implementation                                                   | 10,400.00        |
| ***Total***                        |                                                                                                                     | <u>26,000.00</u> |
| <b>Edward G Means III</b>          |                                                                                                                     |                  |
| MWDOC-1090                         | January 2021 Consulting on MET issues and guidance to Engineering staff                                             | 1,500.00         |
| ***Total***                        |                                                                                                                     | <u>1,500.00</u>  |
| <b>Fenagh LLC</b>                  |                                                                                                                     |                  |
| 5828-2                             | December 2020 Services for on-site testing and inspection of structural steel and concrete for MWDOC office remodel | 1,123.50         |
| ***Total***                        |                                                                                                                     | <u>1,123.50</u>  |
| <b>GovConnection Inc</b>           |                                                                                                                     |                  |
| 70852631                           | Cloud E-mail archiving service for 4 years                                                                          | 5,472.00         |
| ***Total***                        |                                                                                                                     | <u>5,472.00</u>  |

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of February 2021**

| <b>Vendor/<br/>Invoice</b>                  | <b>Description</b>                                                 | <b>Amount to<br/>Pay</b> |
|---------------------------------------------|--------------------------------------------------------------------|--------------------------|
| <b>Hashtag Pinpoint Corporation</b>         |                                                                    |                          |
| 1374                                        | January 2021 Strategic digital communications consulting services  | 7,913.00                 |
| ***Total***                                 |                                                                    | 7,913.00                 |
| <b>IDS Group</b>                            |                                                                    |                          |
| 18X093.00-8                                 | January 2021 Seismic design and project support for office remodel | 6,323.00                 |
| 18X093.02-3                                 | January 2021 Engineering support services for office remodel       | 4,440.00                 |
| ***Total***                                 |                                                                    | 10,763.00                |
| <b>Lawnscape Systems Inc</b>                |                                                                    |                          |
| 416686                                      | 1/26/21 Landscape maintenance for atrium                           | 495.00                   |
| ***Total***                                 |                                                                    | 495.00                   |
| <b>Lewis Consulting Group</b>               |                                                                    |                          |
| 2021-103                                    | January 2021 Consulting services                                   | 2,562.50                 |
| ***Total***                                 |                                                                    | 2,562.50                 |
| <b>Mega Maids Cleaning Service</b>          |                                                                    |                          |
| 11645                                       | January 2021 Cleaning services for COVID-19 prevention             | 480.00                   |
| ***Total***                                 |                                                                    | 480.00                   |
| <b>National Water Resources Association</b> |                                                                    |                          |
| 10121                                       | 2021 Annual membership renewal                                     | 525.00                   |
| ***Total***                                 |                                                                    | 525.00                   |
| <b>Natural Resource Results LLC</b>         |                                                                    |                          |
| 3267                                        | January 2021 Federal legislative advocacy services                 | 6,500.00                 |
| ***Total***                                 |                                                                    | 6,500.00                 |
| <b>NDS</b>                                  |                                                                    |                          |
| 778572                                      | 12/30/20 Board packet delivery service                             | 160.92                   |
| 780357                                      | 1/8/21 Board packet delivery service                               | 160.92                   |
| 780420                                      | 1/15/21 Board packet delivery service                              | 160.92                   |
| 780559                                      | 1/28/21 & 1/29/21 Board packet delivery service                    | 321.84                   |
| ***Total***                                 |                                                                    | 804.60                   |
| <b>Nelco</b>                                |                                                                    |                          |
| 7167599 RI                                  | 2020 W2 and 1099 forms and envelopes                               | 396.03                   |
| ***Total***                                 |                                                                    | 396.03                   |
| <b>Office Depot Inc</b>                     |                                                                    |                          |
| 150124825001                                | 1/21/21 Office supplies                                            | 56.85                    |
| ***Total***                                 |                                                                    | 56.85                    |



**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of February 2021**

| <b>Vendor/<br/>Invoice</b>                       | <b>Description</b>                                                                   | <b>Amount to<br/>Pay</b> |
|--------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------|
| <b>Office Solutions</b>                          |                                                                                      |                          |
| 1-01831479                                       | Tabs for Board packets                                                               | 391.50                   |
| I-01832352                                       | Supplies                                                                             | 39.53                    |
| I-01835043                                       | Letterhead                                                                           | 323.81                   |
| I-01836075                                       | Hand sanitizer for restrooms in MWDOC office                                         | 76.13                    |
| I-01837644                                       | Adding machine tape rolls                                                            | 15.14                    |
| ***Total***                                      |                                                                                      | <u>846.11</u>            |
| <b>Optima RPM Inc</b>                            |                                                                                      |                          |
| 5000333                                          | January 2021 Construction services for MWDOC office seismic improvements and remodel | 225,278.17               |
| ***Total***                                      |                                                                                      | <u>225,278.17</u>        |
| <b>Orange County Water District</b>              |                                                                                      |                          |
| 22476                                            | December 2020 Postage, shared office and maintenance expense                         | 8,846.25                 |
| ***Total***                                      |                                                                                      | <u>8,846.25</u>          |
| <b>Resilient Communications</b>                  |                                                                                      |                          |
| 802674                                           | Cisco Core Switch replacement and firewall for wireless network                      | 7,835.67                 |
| ***Total***                                      |                                                                                      | <u>7,835.67</u>          |
| <b>Joey C Soto</b>                               |                                                                                      |                          |
| MWDOC #033                                       | January 2021 Grant research and acquisition assistance                               | 3,250.00                 |
| ***Total***                                      |                                                                                      | <u>3,250.00</u>          |
| <b>WageWorks Inc</b>                             |                                                                                      |                          |
| INV2537367                                       | January 2021 Cafeteria plan administration fees                                      | 152.79                   |
| ***Total***                                      |                                                                                      | <u>152.79</u>            |
| <b>Total Core Expenditures</b>                   |                                                                                      | <u>376,125.50</u>        |
| <br><b>Choice Expenditures:</b>                  |                                                                                      |                          |
| <b>Bolsa Chica Conservancy</b>                   |                                                                                      |                          |
| 20321                                            | January 2021 Choice High School program for grades 9-12                              | 4,800.00                 |
| ***Total***                                      |                                                                                      | <u>4,800.00</u>          |
| <b>Building Block Entertainment Inc</b>          |                                                                                      |                          |
| 3414-2                                           | December 2020 Choice Elementary School program for grades TK-3                       | 3,780.00                 |
| 3417-2                                           | January 2021 Choice Elementary School program for grades TK-3                        | 4,065.00                 |
| ***Total***                                      |                                                                                      | <u>7,845.00</u>          |
| <b>Discovery Science Center of Orange County</b> |                                                                                      |                          |
| 1409                                             | January 2021 Choice Elementary School program for grades 3-6                         | 13,145.00                |
| ***Total***                                      |                                                                                      | <u>13,145.00</u>         |

**Municipal Water District of Orange County  
Disbursement Approval Report  
For the month of February 2021**

| <b>Vendor/<br/>Invoice</b>                      | <b>Description</b>                                                        | <b>Amount to<br/>Pay</b> |
|-------------------------------------------------|---------------------------------------------------------------------------|--------------------------|
| <b>Huntington Beach Chrysler Dodge Jeep Ram</b> |                                                                           |                          |
| JECS477764                                      | 1/7/21 Service on Water Loss Control Shared Services vehicle              | 158.45                   |
| ***Total***                                     |                                                                           | <u>158.45</u>            |
| <b>Orange County Water District</b>             |                                                                           |                          |
| 22476                                           | December 2020 Postage for Water Use Efficiency rebate programs            | 20.34                    |
| ***Total***                                     |                                                                           | <u>20.34</u>             |
| <b>US Bank Voyager Fleet Systems</b>            |                                                                           |                          |
| 869434993105                                    | 12/25/20-1/24/21 Fuel for Water Loss Control Shared Services vehicle      | 72.66                    |
| ***Total***                                     |                                                                           | <u>72.66</u>             |
| <b>Total Choice Expenditures</b>                |                                                                           | <u>26,041.45</u>         |
| <br><b>Other Funds Expenditures:</b>            |                                                                           |                          |
| <b>EcoTech Services Inc</b>                     |                                                                           |                          |
| 1826                                            | December 2020 Services for Pressure Regulating Valve program              | 560.00                   |
| ***Total***                                     |                                                                           | <u>560.00</u>            |
| <b>Large Plumbing</b>                           |                                                                           |                          |
| 25508                                           | December 2020 Services for Pressure Regulating Valve program              | 1,845.00                 |
| ***Total***                                     |                                                                           | <u>1,845.00</u>          |
| <b>Mega Maids Cleaning Service</b>              |                                                                           |                          |
| 11568                                           | 10/5/2020 Cleaning services for S. EOC                                    | 100.00                   |
| ***Total***                                     |                                                                           | <u>100.00</u>            |
| <b>Mission RCD</b>                              |                                                                           |                          |
| 2955                                            | January 2021 Field verifications for Water Use Efficiency rebate programs | 9,147.00                 |
| ***Total***                                     |                                                                           | <u>9,147.00</u>          |
| <b>The Plant Nerd</b>                           |                                                                           |                          |
| 6312                                            | December 2020 Landscape Design and Maintenance Assistance programs        | 12,460.00                |
| 6356                                            | January 2021 Landscape Design and Maintenance Assistance programs         | 13,670.00                |
| ***Total***                                     |                                                                           | <u>26,130.00</u>         |
| <b>Total Other Funds Expenditures</b>           |                                                                           | <u>37,782.00</u>         |
| <b>Total Expenditures</b>                       |                                                                           | <u><u>439,948.95</u></u> |

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

| <b>Name/<br/>Date</b>                  | <b>Check/<br/>EFT</b> | <b>Invoice</b> | <b>Description</b>                                         | <b>Amount</b> |
|----------------------------------------|-----------------------|----------------|------------------------------------------------------------|---------------|
| <b>Core Disbursements:</b>             |                       |                |                                                            |               |
| <b>Corodata Records Management Inc</b> |                       |                |                                                            |               |
| 1/29/2021                              | EFT                   | RS4660351      | December 2020 Archived document storage fees               | 117.56        |
| <b>***Total***</b>                     |                       |                |                                                            | <b>117.56</b> |
| <b>Cort Business Services Corp</b>     |                       |                |                                                            |               |
| 1/15/2021                              | 140106                | 7436195        | December 2020 Furniture lease for 2 temporary workstations | 144.48        |
| <b>***Total***</b>                     |                       |                |                                                            | <b>144.48</b> |
| <b>Rachel Davis</b>                    |                       |                |                                                            |               |
| 1/15/2021                              | EFT                   | 123120         | December 2020 Business expense                             | 257.57        |
| <b>***Total***</b>                     |                       |                |                                                            | <b>257.57</b> |
| <b>Lina Gunawan</b>                    |                       |                |                                                            |               |
| 1/29/2021                              | EFT                   | 113020         | November 2020 Business expense                             | 20.00         |
| 1/29/2021                              | EFT                   | 123120         | December 2020 Business expense                             | 20.00         |
| <b>***Total***</b>                     |                       |                |                                                            | <b>40.00</b>  |
| <b>Melissa Haley</b>                   |                       |                |                                                            |               |
| 1/15/2021                              | EFT                   | 113020         | November 2020 Business expense                             | 83.79         |
| <b>***Total***</b>                     |                       |                |                                                            | <b>83.79</b>  |
| <b>Cathleen Harris</b>                 |                       |                |                                                            |               |
| 1/29/2021                              | EFT                   | 113020         | November 2020 Business expense                             | 36.62         |
| <b>***Total***</b>                     |                       |                |                                                            | <b>36.62</b>  |
| <b>Home Depot Credit Services</b>      |                       |                |                                                            |               |
| 1/15/2021                              | 140120                | 3544570        | Extension cable for MWDOC office remodel                   | 21.82         |
| <b>***Total***</b>                     |                       |                |                                                            | <b>21.82</b>  |
| <b>Chris Lingad</b>                    |                       |                |                                                            |               |
| 1/29/2021                              | EFT                   | 113020         | November 2020 Business expense                             | 30.00         |
| <b>***Total***</b>                     |                       |                |                                                            | <b>30.00</b>  |
| <b>Al Nederhood</b>                    |                       |                |                                                            |               |
| 1/15/2021                              | EFT                   | 123120         | December 2020 Business expense                             | 45.54         |
| <b>***Total***</b>                     |                       |                |                                                            | <b>45.54</b>  |
| <b>Judy Roberts</b>                    |                       |                |                                                            |               |
| 1/29/2021                              | EFT                   | 123120         | December 2020 Business expense                             | 25.98         |
| <b>***Total***</b>                     |                       |                |                                                            | <b>25.98</b>  |

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

| <b>Name/<br/>Date</b>             | <b>Check/<br/>EFT</b> | <b>Invoice</b> | <b>Description</b>                                    | <b>Amount</b>   |
|-----------------------------------|-----------------------|----------------|-------------------------------------------------------|-----------------|
| <b>Megan Schneider</b>            |                       |                |                                                       |                 |
| 1/15/2021                         | EFT                   | 123120         | December 2020 Business expense                        | 33.12           |
| <b>***Total***</b>                |                       |                |                                                       | <b>33.12</b>    |
| <b>Spectrum Business</b>          |                       |                |                                                       |                 |
| 1/15/2021                         | 140116                | 343564011021   | January 2021 Telephone expense for 3 analog fax lines | 110.30          |
| 1/07/2021                         | 140098                | 375210123020   | January 2021 Telephone and internet expense           | 1,411.54        |
| <b>***Total***</b>                |                       |                |                                                       | <b>1,521.84</b> |
| <b>Jason Thorsell</b>             |                       |                |                                                       |                 |
| 1/29/2021                         | EFT                   | 123120         | December 2020 Business expense                        | 60.00           |
| <b>***Total***</b>                |                       |                |                                                       | <b>60.00</b>    |
| <b>US Bank</b>                    |                       |                |                                                       |                 |
| 1/29/2021                         | 140149                | 0208-DEC20     | 11/24/20-12/22/20 Cal Card charges                    | (43.49)         |
| 1/29/2021                         | 140149                | 4192-DEC20     | 11/24/20-12/22/20 Cal Card charges                    | 460.35          |
| 1/29/2021                         | 140149                | 4279-DEC20     | 11/24/20-12/22/20 Cal Card charges                    | 3,364.29        |
| 1/29/2021                         | 140149                | 7659-DEC20     | 11/24/20-12/22/20 Cal Card charges                    | 651.41          |
| <b>***Total***</b>                |                       |                |                                                       | <b>4,432.56</b> |
| <b>Verizon Wireless</b>           |                       |                |                                                       |                 |
| 1/07/2021                         | 140099                | 9869813219     | December 2020 4G Mobile broadband unlimited service   | 151.02          |
| <b>***Total***</b>                |                       |                |                                                       | <b>151.02</b>   |
| <b>Rachel Waite</b>               |                       |                |                                                       |                 |
| 1/15/2021                         | EFT                   | 123120         | December 2020 Business expense                        | 139.49          |
| <b>***Total***</b>                |                       |                |                                                       | <b>139.49</b>   |
| <b>Total Core Disbursements</b>   |                       |                |                                                       | <b>7,141.39</b> |
| <b>Choice Disbursements:</b>      |                       |                |                                                       |                 |
| <b>Total Choice Disbursements</b> |                       |                |                                                       |                 |



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

| <b>Name/<br/>Date</b>                 | <b>Check/<br/>EFT</b> | <b>Invoice</b> | <b>Description</b>                                                                             | <b>Amount</b>       |
|---------------------------------------|-----------------------|----------------|------------------------------------------------------------------------------------------------|---------------------|
| <b>Other Funds Disbursements:</b>     |                       |                |                                                                                                |                     |
| <b>AT&amp;T</b>                       |                       |                |                                                                                                |                     |
| 1/15/2021                             | 140101                | 1812-JAN21     | January 2021 U-Verse internet service for WEROC<br>N. EOC                                      | 64.94               |
| <b>***Total***</b>                    |                       |                |                                                                                                | <b>64.94</b>        |
| <b>AT&amp;T</b>                       |                       |                |                                                                                                |                     |
| 1/15/2021                             | 140103                | 15809028       | December 2020 Telephone expense for WEROC<br>N. & S. EOC                                       | 337.18              |
| 1/15/2021                             | 140103                | 15809029       | December 2020 Telephone expense for WEROC<br>N. EOC                                            | 117.19              |
| <b>***Total***</b>                    |                       |                |                                                                                                | <b>454.37</b>       |
| <b>Irvine Ranch Water District</b>    |                       |                |                                                                                                |                     |
| 1/15/2021                             | 140109                | 113020         | Refund uncashed rebate checks, interest, and<br>other refunds from Metropolitan Water District | 15,227.76           |
| <b>***Total***</b>                    |                       |                |                                                                                                | <b>15,227.76</b>    |
| <b>Marinita Townhomes Association</b> |                       |                |                                                                                                |                     |
| 1/29/2021                             | 140143                | RTF5165        | Recycled water rebate program (Dana Point)                                                     | 9,165.00            |
| <b>***Total***</b>                    |                       |                |                                                                                                | <b>9,165.00</b>     |
| <b>Mesa Water District</b>            |                       |                |                                                                                                |                     |
| 1/15/2021                             | EFT                   | 10358          | November 2020 Credit for Local Resources<br>program                                            | 48,912.59           |
| <b>***Total***</b>                    |                       |                |                                                                                                | <b>48,912.59</b>    |
| <b>Metropolitan Water District</b>    |                       |                |                                                                                                |                     |
| 1/29/2021                             | EFT012921             | 10268          | November 2020 Water deliveries                                                                 | 9,321,438.57        |
| <b>***Total***</b>                    |                       |                |                                                                                                | <b>9,321,438.57</b> |
| <b>Santa Margarita Water District</b> |                       |                |                                                                                                |                     |
| 1/29/2021                             | EFT                   | 11152020       | November 2020 SCP Pipeline Operation Surcharge                                                 | 27,033.75           |
| <b>***Total***</b>                    |                       |                |                                                                                                | <b>27,033.75</b>    |
| <b>Santiago Aqueduct Commission</b>   |                       |                |                                                                                                |                     |
| 1/29/2021                             | 140146                | 11152020       | November 2020 SAC Pipeline Operation Surcharge                                                 | 3,058.84            |
| <b>***Total***</b>                    |                       |                |                                                                                                | <b>3,058.84</b>     |

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

| Name/<br>Date                          | Check/<br>EFT | Invoice                 | Description                                                              | Amount              |
|----------------------------------------|---------------|-------------------------|--------------------------------------------------------------------------|---------------------|
| <b>Spray to Drip Rebates</b>           |               |                         |                                                                          |                     |
| 1/28/2021                              | 140123        | S2D3-R-IRWD-7282-17680  | C. El Gorfti                                                             | 639.14              |
| 1/28/2021                              | 140121        | S2D4-R-HB-41231-17796   | R. Carpenter                                                             | 350.50              |
| 1/28/2021                              | 140126        | S2D4-R-IRWD-41167-17779 | M. Kim                                                                   | 276.60              |
| <b>***Total***</b>                     |               |                         |                                                                          | <b>1,266.24</b>     |
| <b>Turf Removal Rebates</b>            |               |                         |                                                                          |                     |
| 1/28/2021                              | 140132        | TR13-C-MNT-26835-38303  | OSO Valley Greenbelt HOA C/O Powerstone<br>Property Mgmt (Mission Viejo) | 118,286.15          |
| 1/28/2021                              | 140122        | TR13-R-HB-39887-38711   | V. Dang                                                                  | 3,222.00            |
| 1/28/2021                              | 140135        | TR13-R-IRWD-39793-38617 | K. Thursby                                                               | 1,728.00            |
| 1/28/2021                              | 140131        | TR13-R-MNT-39881-38704  | E. Lim                                                                   | 4,596.00            |
| 1/28/2021                              | 140124        | TR14-C-FV-4463-40274    | Fountain Park Homeowners Association (Fountain<br>Valley)                | 46,702.59           |
| 1/28/2021                              | 140134        | TR14-R-HB-39969-38787   | R. Stannard                                                              | 1,023.00            |
| 1/28/2021                              | 140121        | TR14-R-HB-41231-40022   | R. Carpenter                                                             | 648.00              |
| 1/28/2021                              | 140130        | TR14-R-HB-41300-40090   | S. Liberto                                                               | 2,066.00            |
| 1/28/2021                              | 140128        | TR14-R-HB-41301-40097   | R. Le Fort                                                               | 1,068.00            |
| 1/28/2021                              | 140136        | TR14-R-IRWD-41503-40290 | L. Wang                                                                  | 836.00              |
| 1/28/2021                              | 140129        | TR14-R-MNT-41212-40006  | G. Levy                                                                  | 1,874.00            |
| 1/28/2021                              | 140127        | TR14-R-MNT-41403-40186  | C. Kinsey                                                                | 512.00              |
| 1/28/2021                              | 140125        | TR14-R-MNT-41541-40442  | V. Khashchuk                                                             | 674.00              |
| 1/28/2021                              | 140133        | TR14-R-O-41367-40152    | R. Ruppel                                                                | 3,012.00            |
| <b>***Total***</b>                     |               |                         |                                                                          | <b>186,247.74</b>   |
| <b>US Bank</b>                         |               |                         |                                                                          |                     |
| 1/29/2021                              | 140149        | 7659-DEC20              | 11/24/20-12/22/20 Cal Card charges                                       | 1,908.58            |
| <b>***Total***</b>                     |               |                         |                                                                          | <b>1,908.58</b>     |
| <b>Verizon Wireless</b>                |               |                         |                                                                          |                     |
| 1/07/2021                              | 140099        | 9869813219              | December 2020 4G Mobile broadband unlimited<br>service                   | 76.02               |
| <b>***Total***</b>                     |               |                         |                                                                          | <b>76.02</b>        |
| <b>Total Other Funds Disbursements</b> |               |                         |                                                                          | <b>9,614,854.40</b> |
| <b>Total Disbursements</b>             |               |                         |                                                                          | <b>9,621,995.79</b> |

Robert J. Hunter, General Manager

Hilary Chumpitazi, Treasurer

**Cal Card Charges**  
**Statement Date: December 22, 2020**  
**Payment Date: January 29, 2021**

| <b>Date</b>                 | <b>Description</b>                                                                            | <b>Amount</b>   |
|-----------------------------|-----------------------------------------------------------------------------------------------|-----------------|
| <b>Public Affairs Card:</b> |                                                                                               |                 |
| 12/01/2020                  | Gift Bag for K. Seckel retirement gift                                                        | 19.55           |
| 12/01/2020                  | Retirement gift for East Orange County Water District General Manager L. Ohlund               | 152.70          |
| 12/01/2020                  | Retirement gift for K. Seckel                                                                 | 19.38           |
| 12/01/2020                  | Retirement gift for K. Seckel                                                                 | 21.74           |
| 12/01/2020                  | Retirement gift for K. Seckel                                                                 | 37.56           |
| 12/01/2020                  | Retirement gift for K. Seckel                                                                 | 34.47           |
| 12/02/2020                  | December 2020 Zoom monthly account charge                                                     | 174.95          |
|                             | <b>Total</b>                                                                                  | <b>460.35</b>   |
| <b>K. Seckel Card:</b>      |                                                                                               |                 |
| 11/14/2020                  | 11/14/20 Package sent to Ralph Andersen & Associates                                          | 17.19           |
| 11/24/2020                  | 10/25/20-11/24/20 Web hosting service for MWDOC website                                       | 15.67           |
| 11/25/2020                  | 42 Starbucks gift cards for staff holiday luncheon gift bags                                  | 406.80          |
| 12/02/2020                  | Emergency Management training and certificates for member agencies                            | 1,908.58        |
| 12/03/2020                  | Cake for K. Seckel's retirement                                                               | 32.20           |
| 12/13/2020                  | December 2020 Subscription for prework screening for COVID-19 prevention                      | 179.55          |
|                             | <b>Total</b>                                                                                  | <b>2,559.99</b> |
| <b>C. Harris Card:</b>      |                                                                                               |                 |
| 12/07/2020                  | Government Tax Seminar webinar from Dec. 8-9, 2020-Registration for L. Gunawan and J. Roberts | 790.00          |
| 12/09/2020                  | Introduction to Grants and Funding Research online class - Registration for J. Schunk         | 349.00          |
| 12/09/2020                  | 2021 Legislative Update for Public Agencies webinar - Registration for C. Harris              | 150.00          |
| 12/10/2020                  | Bingo Baker subscription for the Holiday Staff Luncheon                                       | 24.95           |
| 12/10/2020                  | Printer toner for Director Finnegan                                                           | 50.34           |
| 12/16/2020                  | Water Audit Validator Certificate webinar from Feb. 23-26,2021-Registration for R. Davis      | 2,000.00        |
|                             | <b>Total</b>                                                                                  | <b>3,364.29</b> |
| <b>R. Hunter Card:</b>      |                                                                                               |                 |
| 12/08/2020                  | Partial refund from returned plaque                                                           | (43.49)         |
|                             | <b>Total</b>                                                                                  | <b>(43.49)</b>  |

**Municipal Water District of Orange County  
GM Approved Disbursement Report <sup>(1)</sup>  
For the Month of January 2021**

| Name/<br>Date                               | Check/<br>EFT | Invoice  | Description                                                                            | Amount           |
|---------------------------------------------|---------------|----------|----------------------------------------------------------------------------------------|------------------|
| <b>Core Disbursements:</b>                  |               |          |                                                                                        |                  |
| <b>Assoc of Metropolitan Water Agencies</b> |               |          |                                                                                        |                  |
| 1/15/2021                                   | EFT           | 2021     | 2021 Membership dues                                                                   | 20,426.00        |
| ***Total***                                 |               |          |                                                                                        | 20,426.00        |
| <b>County of Orange</b>                     |               |          |                                                                                        |                  |
| 1/15/2021                                   | EFT           | PW210245 | FY20-21 Cooperative Agreement for the South Orange<br>County Watershed Management Area | 9,300.50         |
| ***Total***                                 |               |          |                                                                                        | 9,300.50         |
| <b>Total Core Disbursements</b>             |               |          |                                                                                        | <b>29,726.50</b> |
| <b>Choice Disbursements:</b>                |               |          |                                                                                        |                  |
| <b>Total Choice Disbursements</b>           |               |          |                                                                                        |                  |
| <b>Other Funds Disbursements:</b>           |               |          |                                                                                        |                  |
| <b>Total Other Funds Disbursements</b>      |               |          |                                                                                        |                  |
| <b>Total Disbursements</b>                  |               |          |                                                                                        | <b>29,726.50</b> |



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

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





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

December 31, 2020

Street Address:  
18700 Ward Street  
Fountain Valley, California 92708

Mailing Address:  
P.O. Box 20895  
Fountain Valley, CA 92728-0895

(714) 963-3058  
Fax: (714) 964-9389  
[www.mwdoc.com](http://www.mwdoc.com)

Sat Tamaribuchi  
President

Megan Yoo Schneider, P.E.  
Vice President

Al Nederhood  
Director

Larry D. Dick  
Director

Bob McVicker, P.E., D.WRE  
Director

Karl W. Seckel, P.E.  
Director

Jeffery M. Thomas  
Director

Robert J. Hunter  
General Manager

### MEMBER AGENCIES

City of Brea  
City of Buena Park  
East Orange County Water District  
El Toro Water District  
Emerald Bay Service District  
City of Fountain Valley  
City of Garden Grove  
Golden State Water Co.  
City of Huntington Beach  
Irvine Ranch Water District  
Laguna Beach County Water District  
City of La Habra  
City of La Palma  
Mesa Water District  
Moulton Niguel Water District  
City of Newport Beach  
City of Orange  
Orange County Water District  
City of San Clemente  
City of San Juan Capistrano  
Santa Margarita Water District  
City of Seal Beach  
Serrano Water District  
South Coast Water District  
Trabuco Canyon Water District  
City of Tustin  
City of Westminster  
Yorba Linda Water District

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

| Fund                             | Book Value          | % of Portfolio |
|----------------------------------|---------------------|----------------|
| <b>Designated Reserves</b>       |                     |                |
| General Operations               | \$3,738,505         | 19.59%         |
| Grant & Project Cash Flow        | 1,500,000           | 7.86%          |
| Election Expense                 | 1,333,000           | 6.98%          |
| Building Repair                  | 436,542             | 2.29%          |
| OPEB                             | 297,147             | 1.56%          |
| <b>Total Designated Reserves</b> | <b>7,305,194</b>    | <b>38.28%</b>  |
| General Fund                     | 9,178,605           | 48.10%         |
| Water Fund                       | 1,506,049           | 7.89%          |
| Conservation Fund                | (522,827)           | (2.74%)        |
| WEROC Fund                       | 1,619,105           | 8.48%          |
| Trustee Activities               | (1,297)             | (0.01%)        |
| <b>Total</b>                     | <b>\$19,084,829</b> | <b>100.00%</b> |

The funds are invested as follows:

| Term of Investment        | % of Portfolio | Book Value          | Market Value        |
|---------------------------|----------------|---------------------|---------------------|
| Cash                      | 0.63%          | \$120,537           | \$120,537           |
| Short-term investment     |                |                     |                     |
| • LAIF                    | 19.07%         | \$3,638,760         | \$3,638,760         |
| • OCIP                    | 64.05%         | 12,224,909          | 12,224,909          |
| Long-term investment      |                |                     |                     |
| • Corporate Bond          | 7.34%          | 1,400,623           | 1,403,900           |
| • Certificates of Deposit | 8.91%          | 1,700,000           | 1,788,261           |
| <b>Total</b>              | <b>100.00%</b> | <b>\$19,084,829</b> | <b>\$19,176,367</b> |

The average number of days to maturity/call as of December 31, 2020 equaled 111 and the average yield to maturity is 0.888%. During the month, the District's average daily balance was \$27,379,124.71. Funds were invested in Negotiable Certificate of Deposit's, Corporate Bonds, the Local Agency Investment Funds (LAIF) and the Orange County Investment Pool (OCIP) during the month of December 2020.

The \$91,538 difference between the book value and the market value on December 31, 2020 represents the exchange difference if all investments had been liquidated on that date. Since it is the District's practice to "buy and hold" investments until maturity, the market values are a point of reference, not an indication of actual loss or gain. There are no current plans or cash flow requirements identified in the near future that would require the sale of these securities prior to maturity.

Robert J. Hunter  
General Manager

Hilary Chumpitazi  
Treasurer



# MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

## Portfolio Management - Portfolio Summary

December 31, 2020

| 12/31/2020                        | Par Value            | Market Value         | Book Value           | % of Portfolio | Days to Mat/Call | YTM @ Cost   |
|-----------------------------------|----------------------|----------------------|----------------------|----------------|------------------|--------------|
| Negotiable Certificate Of Deposit | 1,700,000.00         | 1,788,261.00         | 1,700,000.00         | 8.96           | 783              | 2.566        |
| Corporate Bond                    | 1,400,000.00         | 1,403,899.50         | 1,400,622.92         | 7.38           | 541              | 1.341        |
| Local Agency Investment Funds     | 3,638,759.71         | 3,638,759.71         | 3,638,759.71         | 19.19          | 1                | 0.534        |
| Orange County Investment Pool     | 12,224,909.28        | 12,224,909.28        | 12,224,909.28        | 64.47          | 1                | 0.708        |
| <b>Total Investments</b>          | <b>18,963,668.99</b> | <b>19,055,829.49</b> | <b>18,964,291.91</b> | <b>100.00</b>  | <b>111</b>       | <b>0.888</b> |
| <b>Cash</b>                       |                      |                      |                      |                |                  |              |
| Cash                              | 120,536.97           | 120,536.97           | 120,536.97           |                | 1                | 0.00         |
| <b>Total Cash and Investments</b> | <b>19,084,205.96</b> | <b>19,176,366.46</b> | <b>19,084,828.88</b> |                | <b>111</b>       | <b>0.888</b> |

| Total Earnings           | Month Ending December | Fiscal Year to Date |
|--------------------------|-----------------------|---------------------|
| Current Year             | 19,879.95             | 127,888.42          |
| Average Daily Balance    | 27,379,124.71         |                     |
| Effective Rate of Return | 0.888%                |                     |

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

02-04-2021



Hilary Chumtipitzi, Treasurer

Date

02/04/2021

**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
**Portfolio Management**  
**Long-Term Portfolio Details - Investments**  
**December 31, 2020**

| Issuer                                   | CUSIP/Ticker | Settlement Date | Par Value           | Market Value        | Book Value          | Coupon Rate  | YTM @ Cost   | Days To Call/Maturity | Maturity Date |
|------------------------------------------|--------------|-----------------|---------------------|---------------------|---------------------|--------------|--------------|-----------------------|---------------|
| <b>Negotiable Certificate Of Deposit</b> |              |                 |                     |                     |                     |              |              |                       |               |
| Barclays Bank                            | 06740KKY2    | 9/27/2017       | 250,000.00          | 259,380.00          | 250,000.00          | 2.250        | 2.250        | 635                   | 9/27/2022     |
| Capital One Bank                         | 14042TBQ9    | 8/7/2019        | 250,000.00          | 267,907.50          | 250,000.00          | 2.250        | 2.250        | 1,315                 | 8/7/2024      |
| Capital One NA                           | 14042RMJ7    | 7/24/2019       | 250,000.00          | 267,310.00          | 250,000.00          | 2.200        | 2.200        | 1,301                 | 7/24/2024     |
| Comenity Capital                         | 20033AUX2    | 7/25/2017       | 200,000.00          | 202,136.00          | 200,000.00          | 2.000        | 2.000        | 197                   | 7/16/2021     |
| Discover Bank                            | 254673RV0    | 7/25/2018       | 250,000.00          | 270,187.50          | 250,000.00          | 3.300        | 3.300        | 936                   | 7/25/2023     |
| Goldman Sachs Bank                       | 38148PT98    | 8/8/2018        | 250,000.00          | 270,795.00          | 250,000.00          | 3.350        | 3.350        | 950                   | 8/8/2023      |
| Morgan Stanley Bank                      | 61747MJ36    | 2/1/2018        | 250,000.00          | 250,545.00          | 250,000.00          | 2.500        | 2.500        | 32                    | 2/1/2021      |
| <b>Sub Total</b>                         |              |                 | <b>1,700,000.00</b> | <b>1,788,261.00</b> | <b>1,700,000.00</b> | <b>2.566</b> | <b>2.566</b> | <b>783</b>            |               |
| <b>Corporate Bond</b>                    |              |                 |                     |                     |                     |              |              |                       |               |
| Bank of America Corp                     | 06048WK41    | 12/7/2020       | 250,000.00          | 247,945.00          | 250,000.00          | 0.650        | 0.800        | 329                   | 11/25/2025    |
| Citigroup Global Markets                 | 17328WFZ6    | 9/16/2020       | 250,000.00          | 248,187.50          | 250,000.00          | 1.000        | 1.000        | 259                   | 9/16/2025     |
| JP Morgan Chase                          | 48128GV56    | 8/18/2020       | 250,000.00          | 247,697.50          | 250,000.00          | 0.800        | 0.800        | 1,326                 | 8/18/2025     |
| National Rural Util Coop                 | 63743FE51    | 7/27/2017       | 200,000.00          | 205,214.00          | 200,000.00          | 2.500        | 2.500        | 561                   | 7/15/2022     |
| Societe Generale                         | 83369MB25    | 8/19/2020       | 250,000.00          | 248,037.50          | 250,000.00          | 1.000        | 1.088        | 231                   | 8/19/2025     |
| Westpac Banking Corp                     | 961214DQ3    | 7/25/2017       | 200,000.00          | 206,818.00          | 200,622.92          | 2.500        | 2.278        | 544                   | 6/28/2022     |
| <b>Sub Total</b>                         |              |                 | <b>1,400,000.00</b> | <b>1,403,899.50</b> | <b>1,400,622.92</b> | <b>1.330</b> | <b>1.341</b> | <b>541</b>            |               |
| <b>Total Investments</b>                 |              |                 | <b>3,100,000.00</b> | <b>3,192,160.50</b> | <b>3,100,622.92</b> | <b>2.008</b> | <b>2.013</b> | <b>674</b>            |               |

|                       |          | Month Ending December | Fiscal Year To Date |
|-----------------------|----------|-----------------------|---------------------|
| <b>Total Earnings</b> |          |                       |                     |
| Current Year          | 5,305.34 |                       | 32,351.53           |

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

| Investments                          | CUSIP/Ticker | Settlement Date | Par Value            | Market Value         | Book Value           | Coupon Rate  | YTM @ Cost   | Days To Call/Maturity | Maturity Date |
|--------------------------------------|--------------|-----------------|----------------------|----------------------|----------------------|--------------|--------------|-----------------------|---------------|
| <b>Local Agency Investment Funds</b> |              |                 |                      |                      |                      |              |              |                       |               |
| LAIF LGIP                            | LAIF         | 6/30/2010       | 3,638,759.71         | 3,638,759.71         | 3,638,759.71         | 0.534        | 0.534        | 1                     | N/A           |
| <b>Sub Total</b>                     |              |                 | <b>3,638,759.71</b>  | <b>3,638,759.71</b>  | <b>3,638,759.71</b>  | <b>0.534</b> | <b>0.534</b> | <b>1</b>              |               |
| <b>Orange County Investment Pool</b> |              |                 |                      |                      |                      |              |              |                       |               |
| County of Orange LGIP                | OCIP         | 6/29/2005       | 12,224,909.28        | 12,224,909.28        | 12,224,909.28        | 0.708        | 0.708        | 1                     | N/A           |
| <b>Sub Total</b>                     |              |                 | <b>12,224,909.28</b> | <b>12,224,909.28</b> | <b>12,224,909.28</b> | <b>0.708</b> | <b>0.708</b> | <b>1</b>              |               |
| <b>Total Investments</b>             |              |                 | <b>15,863,668.99</b> | <b>15,863,668.99</b> | <b>15,863,668.99</b> | <b>0.668</b> | <b>0.668</b> |                       |               |
| <b>Cash</b>                          |              |                 |                      |                      |                      |              |              |                       |               |
| Petty Cash Cash                      | CASH         | 7/1/2010        | 500.00               | 500.00               | 500.00               | 0.000        | 0.000        | 1                     | N/A           |
| US Bank Cash                         | CASHUSBANK   | 7/25/2018       | 120,036.97           | 120,036.97           | 120,036.97           | 0.000        | 0.000        | 1                     | N/A           |
| <b>Total Cash</b>                    |              |                 | <b>120,536.97</b>    | <b>120,536.97</b>    | <b>120,536.97</b>    | <b>0.000</b> | <b>0.000</b> | <b>1</b>              |               |
| <b>Total Cash and Investments</b>    |              |                 | <b>15,984,205.96</b> | <b>15,984,205.96</b> | <b>15,984,205.96</b> | <b>0.668</b> | <b>0.668</b> | <b>1</b>              |               |
| <b>Total Earnings</b>                |              |                 |                      |                      |                      |              |              |                       |               |
| Current Year                         |              |                 | 14,574.61            |                      | 95,536.89            |              |              |                       |               |



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

| ALLOCATION                          | AMOUNT               | %              |
|-------------------------------------|----------------------|----------------|
| <b>MWDOC</b>                        |                      |                |
| Designated Reserves                 |                      |                |
| General                             | \$ 3,738,505         | 19.59%         |
| Grant & Project Cash Flow           | 1,500,000            | 7.86%          |
| Election Expense                    | 1,333,000            | 6.98%          |
| Building Repair                     | 436,542              | 2.29%          |
| OPEB                                | 297,147              | 1.56%          |
| Total Designated Reserves           | 7,305,194            | 38.28%         |
| General                             | 9,178,605            | 48.10%         |
| Water                               | 1,506,049            | 7.89%          |
| Conservation                        | (522,827)            | -2.74%         |
| WEROC                               | 1,619,105            | 8.48%          |
| <b>TOTAL MWDOC</b>                  | <b>\$ 19,086,126</b> | <b>100.01%</b> |
| <b>TRUSTEE ACTIVITIES</b>           |                      |                |
| AMP Sales Admin                     | \$ (1,297)           | -0.01%         |
| <b>TOTAL TRUSTEE ACTIVITIES</b>     | <b>\$ (1,297)</b>    | <b>-0.01%</b>  |
| <b>TOTAL CASH &amp; INVESTMENTS</b> | <b>\$ 19,084,829</b> | <b>100.00%</b> |



**MUNICIPAL WATER DIST OF ORANGE COUNTY**  
**PARS Post-Employment Benefits Trust****Account Report for the Period**  
**12/1/2020 to 12/31/2020**Rob Hunter  
General Manager  
Municipal Water Dist of Orange County  
18700 Ward Street  
Fountain Valley, CA 92708**Account Summary**

| Source        | Balance as of<br>12/1/2020 | Contributions | Earnings           | Expenses          | Distributions | Transfers     | Balance as of<br>12/31/2020 |
|---------------|----------------------------|---------------|--------------------|-------------------|---------------|---------------|-----------------------------|
| OPEB          | \$2,533,839.77             | \$0.00        | \$70,582.95        | \$1,899.84        | \$0.00        | \$0.00        | \$2,602,522.88              |
| PENSION       | \$704,932.45               | \$0.00        | \$19,636.68        | \$528.54          | \$0.00        | \$0.00        | \$724,040.59                |
| <b>Totals</b> | <b>\$3,238,772.22</b>      | <b>\$0.00</b> | <b>\$90,219.63</b> | <b>\$2,428.38</b> | <b>\$0.00</b> | <b>\$0.00</b> | <b>\$3,326,563.47</b>       |

**Investment Selection****Source**

|         |                               |
|---------|-------------------------------|
| OPEB    | <b>Moderate HighMark PLUS</b> |
| PENSION | <b>Moderate HighMark PLUS</b> |

**Investment Objective****Source**

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

**Investment Return**

| Source  | 1-Month | 3-Months | 1-Year | Annualized Return |         |          | Plan's Inception Date |
|---------|---------|----------|--------|-------------------|---------|----------|-----------------------|
|         |         |          |        | 3-Years           | 5-Years | 10-Years |                       |
| OPEB    | 2.79%   | 9.21%    | 12.52% | 8.29%             | 8.88%   | -        | 10/26/2011            |
| PENSION | 2.79%   | 9.21%    | 12.39% | -                 | -       | -        | 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, 2020

## Over 1 Year

| PARS/HIGHMARK                                        |               |
|------------------------------------------------------|---------------|
| <b>Moderate Active</b><br>(49% Fixed Income)         | 12.92%        |
| minus weighted PARS<br>administration fee            | (-) 0.25%     |
| minus weighted HighMark<br>investment management fee | (-) 0.35%     |
| <b>1-Year Net Return</b>                             | <b>12.32%</b> |

| CALPERS CERBT                           |               |
|-----------------------------------------|---------------|
| <b>Strategy 2</b><br>(48% Fixed Income) | 12.30%        |
| minus fees                              | (-) 0.10%     |
| <b>1-Year Net Return</b>                | <b>12.21%</b> |

## Over 3 Years

| PARS/HIGHMARK                                        |              |
|------------------------------------------------------|--------------|
| <b>Moderate Active</b><br>(49% Fixed Income)         | 8.45%        |
| minus weighted PARS<br>administration fee            | (-) 0.25%    |
| minus weighted HighMark<br>investment management fee | (-) 0.35%    |
| <b>3-Year Net Return</b>                             | <b>7.85%</b> |

| CALPERS CERBT                           |              |
|-----------------------------------------|--------------|
| <b>Strategy 2</b><br>(48% Fixed Income) | 8.21%        |
| minus fees                              | (-) 0.10%    |
| <b>3-Year Net Return</b>                | <b>8.12%</b> |

## Over 5 Years

| PARS/HIGHMARK                                        |              |
|------------------------------------------------------|--------------|
| <b>Moderate Active</b><br>(49% Fixed Income)         | 8.98%        |
| minus weighted PARS<br>administration fee            | (-) 0.25%    |
| minus weighted HighMark<br>investment management fee | (-) 0.35%    |
| <b>5-Year Net Return</b>                             | <b>8.38%</b> |

| CALPERS CERBT                           |              |
|-----------------------------------------|--------------|
| <b>Strategy 2</b><br>(48% Fixed Income) | 9.00%        |
| minus fees                              | (-) 0.10%    |
| <b>5-Year Net Return</b>                | <b>8.91%</b> |

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

## PARS DIVERSIFIED PORTFOLIOS MODERATE

Q4 2020

### WHY THE PARS DIVERSIFIED MODERATE PORTFOLIO?

#### Comprehensive Investment Solution

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

#### Rigorous Manager Due Diligence

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

#### Flexible Investment Options

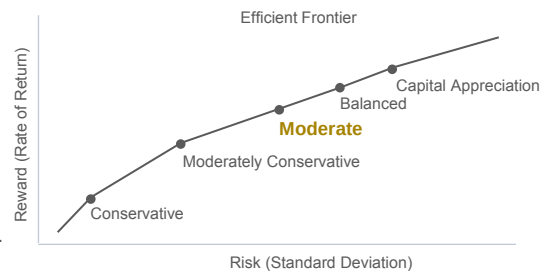
In order to meet the unique needs of our clients, we offer access to flexible implementation strategies: HighMark Plus utilizes actively managed mutual funds while Index Plus utilizes index-based securities, including exchange-traded funds. Both investment options leverage HighMark's active asset allocation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

#### Risk Management

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

### INVESTMENT OBJECTIVE

To provide current income and moderate capital appreciation. It is expected that dividend and interest income will comprise a significant portion of total return, although growth through capital appreciation is equally important.



### ASSET ALLOCATION — MODERATE PORTFOLIO

|              | Strategic Range | Policy | Tactical |
|--------------|-----------------|--------|----------|
| Equity       | 40 - 60%        | 50%    | 51%      |
| Fixed Income | 40 - 60%        | 45%    | 48%      |
| Cash         | 0 - 20%         | 5%     | 1%       |

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

#### HighMark Plus Composite (Active)

|                       |        |
|-----------------------|--------|
| Current Quarter*      | 9.38%  |
| Blended Benchmark*,** | 8.56%  |
| Year To Date          | 12.92% |
| Blended Benchmark**   | 12.02% |
| 1 Year                | 12.92% |
| Blended Benchmark**   | 12.02% |
| 3 Year                | 8.45%  |
| Blended Benchmark**   | 8.39%  |
| 5 Year                | 8.98%  |
| Blended Benchmark**   | 8.84%  |
| 10 Year               | 7.49%  |
| Blended Benchmark**   | 7.68%  |

#### Index Plus Composite (Passive)

|                       |        |
|-----------------------|--------|
| Current Quarter*      | 8.08%  |
| Blended Benchmark*,** | 8.56%  |
| Year To Date          | 11.23% |
| Blended Benchmark**   | 12.02% |
| 1 Year                | 11.23% |
| Blended Benchmark**   | 12.02% |
| 3 Year                | 7.85%  |
| Blended Benchmark**   | 8.39%  |
| 5 Year                | 8.46%  |
| Blended Benchmark**   | 8.84%  |
| 10 Year               | 7.28%  |
| Blended Benchmark**   | 7.68%  |

\* Returns less than one year are not annualized. \*\*Breakdown for Blended Benchmark: From 10/1/2012 – Present: 26.5% S&P500, 5% Russell Mid Cap, 7.5% Russell 2000, 3.25% MSCI EM (net), 6% MSCI EAFE (net), 33.50% BBG Barclays US Agg, 10% ICE BofA 1-3 Yr US Corp/Gov't, 1.50% ICE BofA US High Yield Master II, 1.75% Wilshire REIT, and 5% FTSE 1 Mth US T-Bill. From 4/1/2007 – 9/30/2012: the blended benchmark was 43% S&P 500; 2% Russell 2000, 5% MSCI EAFE (net), 15% ICE BofA 1-3 Year Corp/Gov't, 30% BBG Barclays US Agg, 5% FTSE 1 Mth US T-Bill. Prior to April 2007: the blended benchmark was 50% S&P 500, 15% ICE BofA 1-3Yr Corp/Gov't, 30% BBG Barclays US Agg, and 5% FTSE 1 Mth US T-Bill.

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

#### HighMark Plus Composite (Active)

|      |         |
|------|---------|
| 2008 | -22.88% |
| 2009 | 21.47%  |
| 2010 | 12.42%  |
| 2011 | 0.55%   |
| 2012 | 12.25%  |
| 2013 | 13.06%  |
| 2014 | 4.84%   |
| 2015 | 0.14%   |
| 2016 | 6.45%   |
| 2017 | 13.19%  |
| 2018 | -4.03%  |
| 2019 | 17.71%  |
| 2020 | 12.92%  |

#### Index Plus Composite (Passive)

|      |         |
|------|---------|
| 2008 | -18.14% |
| 2009 | 16.05%  |
| 2010 | 11.77%  |
| 2011 | 2.29%   |
| 2012 | 10.91%  |
| 2013 | 12.79%  |
| 2014 | 5.72%   |
| 2015 | -0.52%  |
| 2016 | 7.23%   |
| 2017 | 11.59%  |
| 2018 | -4.03%  |
| 2019 | 17.52%  |
| 2020 | 11.23%  |

### PORTFOLIO FACTS

#### HighMark Plus (Active)

|                             |         |
|-----------------------------|---------|
| Composite Inception Date    | 10/2004 |
| No of Holdings in Portfolio | 20      |

#### Index Plus (Passive)

|                             |         |
|-----------------------------|---------|
| Composite Inception Date    | 05/2006 |
| No of Holdings in Portfolio | 13      |



## HOLDINGS

### HighMark Plus (Active)

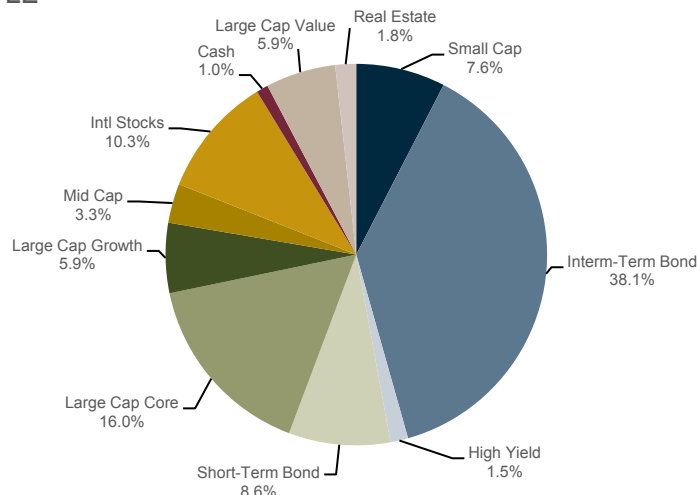
Columbia Contrarian Core I3  
Vanguard Growth & Income Adm  
Dodge & Cox Stock Fund  
iShares S&P 500 Value ETF  
Harbor Capital Appreciation - Retirement  
T. Rowe Price Growth Stock - I  
iShares Russell Mid-Cap ETF  
Vanguard Real Estate ETF  
Undiscovered Managers Behavioral Value-R6  
Victory RS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

### Index Plus (Passive)

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

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

## STYLE



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

The adviser to the PARS portfolios is US Bank, and HighMark serves as sub-adviser to US Bank to manage these portfolios. US Bank may charge clients as much as 0.60% annual management fee based on a sliding scale. US Bank pays HighMark 60% of the annual management fee for assets sub-advised by HighMark under its sub-advisory agreement with US Bank. The 0.36% paid to HighMark, as well as other expenses that may be incurred in the management of the portfolio, will reduce the portfolio's returns. Assuming an investment for five years, a 5% annual total return, and an annual sub-advisory fee rate of 0.36% deducted from the assets at market at the end of each year, a \$10 million initial value would grow to \$12.53 million after fees (Net-of-Fees) and \$12.76 million before fees (Gross-of-Fees). Gross returns are presented before management and custodial fees but after all trading expenses and reflect the reinvestment of dividends and other income. A client's return will be reduced by the advisory fees and other expenses it may incur as a client. Additional information regarding the firm's policies and procedures for calculating and reporting performance results is available upon request. Performance results are calculated and presented in U.S. dollars and do not reflect the deduction of investment advisory fees, custody fees, or taxes but do reflect the deduction of trading expenses. Returns are calculated based on trade-date accounting.

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

HighMark Capital Management, Inc. (HighMark), an SEC-registered investment adviser, is a wholly owned subsidiary of MUFG Union Bank, N.A. (MUB). HighMark manages institutional separate account portfolios for a wide variety of for-profit and nonprofit organizations, public agencies, and public and private retirement plans. MUB, a subsidiary of MUFG Americas Holdings Corporation, provides certain services to HighMark and is compensated for these services. Past performance does not guarantee future results. Individual account management and construction will vary depending on each client's investment needs and objectives. Investments employing HighMark strategies are NOT insured by the FDIC or by any other Federal Government Agency, are NOT Bank deposits, are NOT guaranteed by the Bank or any Bank affiliate, and MAY lose value, including possible loss of principal.

## HIGHMARK CAPITAL MANAGEMENT

350 California Street  
Suite 1600  
San Francisco, CA 94104  
800-582-4734

### ABOUT THE ADVISER

HighMark® Capital Management, Inc. (HighMark) has 100 years (including predecessor organizations) of institutional money management experience with \$9.3 billion in assets under management and \$8.9 billion in assets under advisement\*. HighMark has a long term disciplined approach to money management and currently manages assets for a wide array of clients.

### ABOUT THE PORTFOLIO MANAGEMENT TEAM

#### Andrew Brown, CFA®

Senior Portfolio Manager

Investment Experience: since 1994

HighMark Tenure: since 1997

Education: MBA, University of Southern California; BA, University of Southern California

#### Salvatore "Tory" Milazzo III, CFA®

Senior Portfolio Manager

Investment Experience: since 2004

HighMark Tenure: since 2014

Education: BA, Colgate University

#### J. Keith Stribling, CFA®

Senior Portfolio Manager

Investment Experience: since 1985

HighMark Tenure: since 1995

Education: BA, Stetson University

#### Christiane Tsuda

Senior Portfolio Manager

Investment Experience: since 1987

HighMark Tenure: since 2010

Education: BA, International Christian University, Tokyo

#### Anne Wimmer, CFA®

Senior Portfolio Manager

Investment Experience: since 1987

HighMark Tenure: since 2007

Education: BA, University of California, Santa Barbara

#### Randy Yurchak, CFA®

Senior Portfolio Manager

Investment Experience: since 2002

HighMark Tenure: since 2017

Education: MBA, Arizona State University;

BS, University of Washington

### Asset Allocation Committee

Number of Members: 17

Average Years of Experience: 25

Average Tenure (Years): 13

### Manager Review Group

Number of Members: 7

Average Years of Experience: 17

Average Tenure (Years): 8

\*Assets under management ("AUM") include assets for which HighMark provides continuous and regular supervisory and management services. Assets under advisement ("AUA") include assets for which HighMark provides certain investment advisory services (including, but not limited to, investment research and strategies) for client assets of its parent company, MUFG Union Bank, N.A.

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

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

| <b><u>ASSETS</u></b>                              | <b><u>Amount</u></b>        |
|---------------------------------------------------|-----------------------------|
| Cash in Bank                                      | 120,536.97                  |
| Investments                                       | 18,964,291.91               |
| Accounts Receivable                               | 20,861,261.55               |
| Accounts Receivable - Other                       | 186,777.87                  |
| Accrued Interest Receivable                       | 65,441.04                   |
| Prepays/Deposits                                  | 371,317.74                  |
| Leasehold Improvements                            | 4,284,127.08                |
| Furniture, Fixtures & Equipment                   | 649,773.62                  |
| Less: Accumulated Depreciation                    | <u>(3,333,205.62)</u>       |
| <b>TOTAL ASSETS</b>                               | <b><u>42,170,322.16</u></b> |
| <br><b><u>LIABILITIES AND FUND BALANCES</u></b>   |                             |
| <b><u>Liabilities</u></b>                         |                             |
| Accounts Payable                                  | 20,706,847.09               |
| Accounts Payable - Other                          | 154.58                      |
| Accrued Salaries and Benefits Payable             | 432,215.98                  |
| Other Liabilities                                 | 2,102,071.73                |
| Unearned Revenue                                  | <u>642,897.15</u>           |
| <b>TOTAL LIABILITIES</b>                          | <b><u>23,884,186.53</u></b> |
| <br><b><u>Fund Balances</u></b>                   |                             |
| <b><u>Restricted Fund Balances</u></b>            |                             |
| Water Fund - T2C                                  | <u>1,030,181.90</u>         |
| Total Restricted Fund Balances                    | <b><u>1,030,181.90</u></b>  |
| <br><b><u>Designated Reserves</u></b>             |                             |
| General Operations                                | 3,738,505.00                |
| Grant & Project Cash Flow                         | 1,500,000.00                |
| Election Expense                                  | 1,333,000.00                |
| Building Repair                                   | 436,542.00                  |
| OPEB                                              | <u>297,147.00</u>           |
| Total Designated Reserves                         | <b><u>7,305,194.00</u></b>  |
| <br><b><u>Unrestricted Fund Balances</u></b>      |                             |
| General Fund                                      | 4,089,121.68                |
| General Fund Capital                              | 964,158.72                  |
| WEROC Capital                                     | 159,687.58                  |
| WEROC                                             | <u>239,613.59</u>           |
| Total Unrestricted Fund Balances                  | <b><u>12,757,775.57</u></b> |
| <br><b><u>Excess Revenue over Expenditure</u></b> |                             |
| Operating Fund                                    | 4,625,715.53                |
| Other Funds                                       | <u>(127,537.37)</u>         |
| <b>TOTAL FUND BALANCES</b>                        | <b><u>18,286,135.63</u></b> |
| <b>TOTAL LIABILITIES AND FUND BALANCES</b>        | <b><u>42,170,322.16</u></b> |

**Municipal Water District of Orange County**  
**Revenues and Expenditures Budget Comparative Report**  
**General Fund**  
**July 1, 2020 thru December 31, 2020**

|                               | <u>Month to Date</u>    | <u>Year to Date</u>        | <u>Annual Budget</u>        | <u>% Used</u>        | <u>Encumbrance</u> | <u>Budget<br/>Remaining</u> |
|-------------------------------|-------------------------|----------------------------|-----------------------------|----------------------|--------------------|-----------------------------|
| <b><u>REVENUES</u></b>        |                         |                            |                             |                      |                    |                             |
| Retail Connection Charge      | 0.00                    | 7,837,792.40               | 7,837,792.00                | 100.00%              | 0.00               | (0.40)                      |
| Ground Water Customer Charge  | 0.00                    | 595,323.00                 | 595,323.00                  | 100.00%              | 0.00               | 0.00                        |
| <b>Water Rate Revenues</b>    | <u>0.00</u>             | <u>8,433,115.40</u>        | <u>8,433,115.00</u>         | <u>100.00%</u>       | <u>0.00</u>        | <u>(0.40)</u>               |
| Interest Revenue              | 19,519.01               | 125,481.29                 | 458,000.00                  | 27.40%               | 0.00               | 332,518.71                  |
| <b>Subtotal</b>               | <u>19,519.01</u>        | <u>8,558,596.69</u>        | <u>8,891,115.00</u>         | <u>96.26%</u>        | <u>0.00</u>        | <u>332,518.31</u>           |
| Choice Programs               | 1,846.00                | 1,197,254.79               | 1,510,618.00                | 79.26%               | 0.00               | 313,363.21                  |
| MWD Revenue - Shared Services | 6,123.00                | 51,025.00                  | 0.00                        | 0.00%                | 0.00               | (51,025.00)                 |
| Miscellaneous Income          | 231.52                  | 2,846.34                   | 3,000.00                    | 94.88%               | 0.00               | 153.66                      |
| Revenue - Other               | 0.00                    | 1,258.00                   | 0.00                        | 0.00%                | 0.00               | (1,258.00)                  |
| School Contracts              | 1,555.00                | 6,450.00                   | 120,376.00                  | 5.36%                | 0.00               | 113,926.00                  |
| Delinquent Payment Penalty    | 1,735.27                | 1,735.27                   | 0.00                        | 0.00%                | 1.00               | (1,735.27)                  |
| Gain on Sale of Asset         | 0.00                    | 380.00                     | 0.00                        | 0.00%                | 0.00               | (380.00)                    |
| Transfer-In from Reserve      | 0.00                    | 0.00                       | 97,415.00                   | 0.00%                | 0.00               | 97,415.00                   |
| <b>Subtotal</b>               | <u>11,490.79</u>        | <u>1,260,949.40</u>        | <u>1,731,409.00</u>         | <u>72.83%</u>        | <u>0.00</u>        | <u>470,459.60</u>           |
| <b>TOTAL REVENUES</b>         | <u><u>31,009.80</u></u> | <u><u>9,819,546.09</u></u> | <u><u>10,622,524.00</u></u> | <u><u>92.44%</u></u> | <u><u>0.00</u></u> | <u><u>802,977.91</u></u>    |



**Municipal Water District of Orange County**  
**Revenues and Expenditures Budget Comparative Report**  
**General Fund**  
**July 1, 2020 thru December 31, 2020**

|                                         | <u>Month to Date</u>  | <u>Year to Date</u> | <u>Annual Budget</u> | <u>% Used</u> | <u>Encumbrance</u>  | <u>Budget<br/>Remaining</u> |
|-----------------------------------------|-----------------------|---------------------|----------------------|---------------|---------------------|-----------------------------|
| <b><u>EXPENSES</u></b>                  |                       |                     |                      |               |                     |                             |
| Salaries & Wages                        | 389,946.02            | 2,170,696.44        | 4,152,072.00         | 52.28%        | 0.00                | 1,981,375.56                |
| Director's Compensation                 | 20,628.09             | 115,582.79          | 258,909.00           | 44.64%        | 0.00                | 143,326.21                  |
| MWD Representation                      | 7,858.32              | 65,158.57           | 157,070.00           | 41.48%        | 0.00                | 91,911.43                   |
| Employee Benefits                       | 78,667.56             | 674,922.67          | 1,335,387.00         | 50.54%        | 0.00                | 660,464.33                  |
| CalPers Unfunded Liability Contribution | 0.00                  | 207,000.00          | 207,000.00           | 100.00%       | 0.00                | 0.00                        |
| Director's Benefits                     | 9,437.61              | 57,670.17           | 101,971.00           | 56.56%        | 0.00                | 44,300.83                   |
| Health Insurance for Retirees           | 7,597.34              | 31,281.24           | 87,449.00            | 35.77%        | 0.00                | 56,167.76                   |
| Training Expense                        | 3,349.00              | 4,953.20            | 64,500.00            | 7.68%         | 42,895.60           | 16,651.20                   |
| Tuition Reimbursement                   | 0.00                  | 0.00                | 5,000.00             | 0.00%         | 0.00                | 5,000.00                    |
| Temporary Help Expense                  | 0.00                  | 0.00                | 5,000.00             | 0.00%         | 0.00                | 5,000.00                    |
| <b>Personnel Expenses</b>               | <b>517,483.94</b>     | <b>3,327,265.08</b> | <b>6,374,358.00</b>  | <b>52.20%</b> | <b>42,895.60</b>    | <b>3,004,197.32</b>         |
| Engineering Expense                     | 41,636.86             | 188,656.36          | 340,000.00           | 55.49%        | 276,244.16          | (124,900.52)                |
| Legal Expense                           | 14,332.30             | 96,987.35           | 210,500.00           | 46.07%        | 113,512.65          | 0.00                        |
| Audit Expense                           | 0.00                  | 19,000.00           | 29,725.00            | 63.92%        | 10,725.00           | 0.00                        |
| Professional Services                   | 52,453.53             | 382,946.49          | 1,581,338.00         | 24.22%        | 837,513.18          | 360,878.33                  |
| <b>Professional Fees</b>                | <b>108,422.69</b>     | <b>687,590.20</b>   | <b>2,161,563.00</b>  | <b>31.81%</b> | <b>1,237,994.99</b> | <b>235,977.81</b>           |
| Conference - Staff                      | 1,129.00              | 2,044.00            | 26,515.00            | 7.71%         | 0.00                | 24,471.00                   |
| Conference - Directors                  | 0.00                  | 1,860.00            | 18,695.00            | 9.95%         | 0.00                | 16,835.00                   |
| Travel & Accom. - Staff                 | 0.00                  | 1,349.38            | 62,495.00            | 2.16%         | 0.00                | 61,145.62                   |
| Travel & Accom. - Directors             | 0.00                  | 0.00                | 24,900.00            | 0.00%         | 0.00                | 24,900.00                   |
| <b>Travel &amp; Conference</b>          | <b>1,129.00</b>       | <b>5,253.38</b>     | <b>132,605.00</b>    | <b>3.96%</b>  | <b>0.00</b>         | <b>127,351.62</b>           |
| Membership/Sponsorship                  | 16,929.50             | 79,191.14           | 127,161.00           | 62.28%        | 0.00                | 47,969.86                   |
| CDR Support                             | 0.00                  | 26,550.16           | 53,158.00            | 49.95%        | 26,550.16           | 57.68                       |
| <b>Dues &amp; Memberships</b>           | <b>16,929.50</b>      | <b>105,741.30</b>   | <b>180,319.00</b>    | <b>58.64%</b> | <b>26,550.16</b>    | <b>48,027.54</b>            |
| Business Expense                        | 0.00                  | 0.00                | 4,500.00             | 0.00%         | 0.00                | 4,500.00                    |
| Office Maintenance                      | 8,104.23              | 49,425.54           | 125,420.00           | 39.41%        | 79,399.46           | (3,405.00)                  |
| Building Repair & Maintenance           | 3,086.13              | 12,050.32           | 15,000.00            | 80.34%        | 5,016.40            | (2,066.72)                  |
| Storage Rental & Equipment Lease        | 117.56                | 556.32              | 1,750.00             | 31.79%        | 193.68              | 1,000.00                    |
| Office Supplies                         | 525.56                | 3,565.65            | 39,000.00            | 9.14%         | 3,153.35            | 32,281.00                   |
| Supplies - Water Loss Control           | 0.00                  | 8,121.24            | 10,000.00            | 81.21%        | 0.00                | 1,878.76                    |
| Postage/Mail Delivery                   | 2,060.46              | 5,568.49            | 9,300.00             | 59.88%        | 1,762.20            | 1,969.31                    |
| Subscriptions & Books                   | 0.00                  | 239.97              | 1,000.00             | 24.00%        | 0.00                | 760.03                      |
| Reproduction Expense                    | 0.00                  | 3,743.65            | 83,700.00            | 4.47%         | 5,745.50            | 74,210.85                   |
| Maintenance - Computers                 | 665.00                | 1,545.40            | 8,000.00             | 19.32%        | 0.00                | 6,454.60                    |
| Software Purchase                       | 2,649.05              | 23,083.04           | 57,000.00            | 40.50%        | 0.00                | 33,916.96                   |
| Software Support                        | 15.67                 | 31,124.75           | 47,640.00            | 65.33%        | 2,495.31            | 14,019.94                   |
| Computers and Equipment                 | 0.00                  | 10,073.82           | 33,550.00            | 30.03%        | 8,420.64            | 15,055.54                   |
| Maintenance Expense                     | 0.00                  | 0.00                | 6,000.00             | 0.00%         | 0.00                | 6,000.00                    |
| Automotive Expense                      | 78.66                 | 78.66               | 20,000.00            | 0.39%         | 0.00                | 19,921.34                   |
| Vehicle Expense                         | 145.35                | 1,934.63            | 6,350.00             | 30.47%        | 0.00                | 4,415.37                    |
| Toll Road Charges                       | 0.00                  | 0.00                | 2,300.00             | 0.00%         | 0.00                | 2,300.00                    |
| Insurance Expense                       | 8,876.73              | 66,581.65           | 110,000.00           | 60.53%        | 0.00                | 43,418.35                   |
| Utilities - Telephone                   | 1,662.41              | 18,864.17           | 30,850.00            | 61.15%        | 686.82              | 11,299.01                   |
| Bank Fees                               | 0.00                  | 1,296.79            | 1,200.00             | 108.07%       | 0.00                | (96.79)                     |
| Miscellaneous Expense                   | 3,397.46              | 18,039.31           | 113,800.00           | 15.85%        | 2,596.95            | 93,163.74                   |
| MWDOC's Contrb. to WEROC                | 20,103.00             | 120,618.00          | 241,236.00           | 50.00%        | 0.00                | 120,618.00                  |
| Depreciation Expense                    | 4,485.37              | 26,912.25           | 0.00                 | 0.00%         | 0.00                | (26,912.25)                 |
| <b>Other Expenses</b>                   | <b>55,972.64</b>      | <b>403,423.65</b>   | <b>967,596.00</b>    | <b>41.69%</b> | <b>109,470.31</b>   | <b>454,702.04</b>           |
| Capital Aquisition                      | 132,217.27            | 210,322.27          | 79,200.00            | 265.56%       | 235,771.57          | (366,893.84)                |
| Building Expense                        | 252,029.81            | 454,234.68          | 726,883.00           | 62.49%        | 1,623,640.58        | (1,350,992.26)              |
| <b>TOTAL EXPENSES</b>                   | <b>1,084,184.85</b>   | <b>5,193,830.56</b> | <b>10,622,524.00</b> | <b>48.89%</b> | <b>3,276,323.21</b> | <b>2,152,370.23</b>         |
| <b>NET INCOME (LOSS)</b>                | <b>(1,053,175.05)</b> | <b>4,625,715.53</b> | <b>0.00</b>          |               |                     |                             |

**Municipal Water District of Orange County  
Revenues and Expenditures Budget Comparative Report  
Water Fund  
July 1, 2020 thru December 31, 2020**

|                                               | <u>Month to Date</u> | <u>Year to Date</u>  | <u>Annual Budget</u>  | <u>% Used</u> | <u>Budget<br/>Remaining</u> |
|-----------------------------------------------|----------------------|----------------------|-----------------------|---------------|-----------------------------|
| <b><u>WATER REVENUES</u></b>                  |                      |                      |                       |               |                             |
| Water Sales                                   | 9,247,223.70         | 70,351,482.80        | 208,407,327.00        | 33.76%        | 138,055,844.20              |
| Readiness to Serve Charge                     | 963,899.46           | 5,783,404.46         | 11,583,326.00         | 49.93%        | 5,799,921.54                |
| Capacity Charge CCF                           | 324,353.37           | 1,946,120.02         | 3,892,240.00          | 50.00%        | 1,946,119.98                |
| SCP/SAC Pipeline Surcharge                    | 29,240.25            | 193,371.95           | 315,000.00            | 61.39%        | 121,628.05                  |
| Interest Revenue                              | 636.44               | 3,928.36             | 22,000.00             | 17.86%        | 18,071.64                   |
| <b>TOTAL WATER REVENUES</b>                   | <b>10,565,353.22</b> | <b>78,278,307.59</b> | <b>224,219,893.00</b> | <b>34.91%</b> | <b>145,941,585.41</b>       |
| <b><u>WATER PURCHASES</u></b>                 |                      |                      |                       |               |                             |
| Water Sales                                   | 9,247,223.70         | 70,351,482.80        | 208,407,327.00        | 33.76%        | 138,055,844.20              |
| Readiness to Serve Charge                     | 963,899.46           | 5,783,404.46         | 11,583,326.00         | 49.93%        | 5,799,921.54                |
| Capacity Charge CCF                           | 324,353.37           | 1,946,120.02         | 3,892,240.00          | 50.00%        | 1,946,119.98                |
| SCP/SAC Pipeline Surcharge                    | 29,240.25            | 193,371.95           | 315,000.00            | 61.39%        | 121,628.05                  |
| <b>TOTAL WATER PURCHASES</b>                  | <b>10,564,716.78</b> | <b>78,274,379.23</b> | <b>224,197,893.00</b> | <b>34.91%</b> | <b>145,923,513.77</b>       |
| <b>EXCESS OF REVENUE OVER<br/>EXPENDITURE</b> | <b>636.44</b>        | <b>3,928.36</b>      | <b>22,000.00</b>      |               |                             |

**Municipal Water District of Orange County**  
**Revenues and Expenditures Budget Comparative Report**  
**Water Use Efficiency**  
**July 1, 2020 thru December 31, 2020**

|                                             | <u>Year to Date Actual</u> | <u>Annual Budget</u> | <u>% Used</u> |
|---------------------------------------------|----------------------------|----------------------|---------------|
| <b>Spray To Drip Conversion</b>             |                            |                      |               |
| Revenues                                    | 32,585.24                  | 38,900.00            | 83.77%        |
| Expenses                                    | 46,579.21                  | 38,900.00            | 119.74%       |
| Excess of Revenues over Expenditures        | (13,993.97)                | 0.00                 |               |
| <b>Member Agency Administered Pass-Thru</b> |                            |                      |               |
| Revenues                                    | 0.00                       | 175,000.00           | 0.00%         |
| Expenses                                    | 0.00                       | 175,000.00           | 0.00%         |
| Excess of Revenues over Expenditures        | 0.00                       | 0.00                 |               |
| <b>ULFT Rebate Program</b>                  |                            |                      |               |
| Revenues                                    | 920.00                     | 2,000.00             | 46.00%        |
| Expenses                                    | 920.00                     | 2,000.00             | 46.00%        |
| Excess of Revenues over Expenditures        | 0.00                       | 0.00                 |               |
| <b>HECW Rebate Program</b>                  |                            |                      |               |
| Revenues                                    | 42,164.40                  | 77,000.00            | 54.76%        |
| Expenses                                    | 42,150.00                  | 77,000.00            | 54.74%        |
| Excess of Revenues over Expenditures        | 14.40                      | 0.00                 |               |
| <b>CII Rebate Program</b>                   |                            |                      |               |
| Revenues                                    | 0.00                       | 12,500.00            | 0.00%         |
| Expenses                                    | 0.00                       | 12,500.00            | 0.00%         |
| Excess of Revenues over Expenditures        | 0.00                       | 0.00                 |               |
| <b>Turf Removal Program</b>                 |                            |                      |               |
| Revenues                                    | 614,288.70                 | 648,000.00           | 94.80%        |
| Expenses                                    | 649,029.01                 | 648,000.00           | 100.16%       |
| Excess of Revenues over Expenditures        | (34,740.31)                | 0.00                 |               |
| <b>Comprehensive Landscape (CLWUE)</b>      |                            |                      |               |
| Revenues                                    | 136,295.12                 | 130,784.00           | 104.21%       |
| Expenses                                    | 217,981.49                 | 130,784.00           | 166.67%       |
| Excess of Revenues over Expenditures        | (81,686.37)                | 0.00                 |               |
| <b>Recycled Water Program</b>               |                            |                      |               |
| Revenues                                    | 2,642.00                   | 61,750.00            | 4.28%         |
| Expenses                                    | 30,597.10                  | 61,750.00            | 49.55%        |
| Excess of Revenues over Expenditures        | (27,955.10)                | 0.00                 |               |
| <b>WSIP - Industrial Program</b>            |                            |                      |               |
| Revenues                                    | 13,471.46                  | 30,000.00            | 44.90%        |
| Expenses                                    | 28,471.46                  | 30,000.00            | 94.90%        |
| Excess of Revenues over Expenditures        | (15,000.00)                | 0.00                 |               |
| <b>Land Design Program</b>                  |                            |                      |               |
| Revenues                                    | 67,210.00                  | 404,000.00           | 16.64%        |
| Expenses                                    | 124,630.00                 | 404,000.00           | 30.85%        |
| Excess of Revenues over Expenditures        | (57,420.00)                | 0.00                 |               |
| <b>WUE Projects Total</b>                   |                            |                      |               |
| Revenues                                    | 909,576.92                 | 1,579,934.00         | 57.57%        |
| Expenses                                    | 1,140,358.27               | 1,579,934.00         | 72.18%        |
| Excess of Revenues over Expenditures        | (230,781.35)               | 0.00                 |               |
| <b>WEROC</b>                                |                            |                      |               |
| Revenues                                    | 361,854.00                 | 482,472.00           | 75.00%        |
| Expenses                                    | 232,870.06                 | 482,472.00           | 48.27%        |
| Excess of Revenues over Expenditures        | 128,983.94                 | 0.00                 |               |



## Memorandum

**DATE:** February 10, 2021

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

**FROM:** Robert Hunter

**SUBJECT:** Quarter ending December 2020 Fiscal YTD Financials Actual versus Budget

---

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 2020 (Unaudited)  
( \$000 Omitted )  
General Fund and Reserve Fund

GENERAL FUND

|                                                                     | <u>YTD Actual</u>   | <u>Annual Budget</u> | <u>% Used</u>        |
|---------------------------------------------------------------------|---------------------|----------------------|----------------------|
| <u>REVENUES</u>                                                     |                     |                      |                      |
| Water Rate revenues:                                                |                     |                      |                      |
| Retail Connection Charge                                            | 7,838               | 7,838                | 100.00%              |
| Ground Water Customer Charge                                        | 595                 | 595                  | 100.00%              |
| Subtotal                                                            | <u>8,433</u>        | <u>8,433</u>         | <u>100.00%</u>       |
| Other Revenues:                                                     |                     |                      |                      |
| Interest Income <sup>(1)</sup>                                      | 125                 | 458                  | 27.40%               |
| Choice Programs <sup>(2)</sup>                                      | 1,248               | 1,511                | 82.63%               |
| School Contracts <sup>(3)</sup>                                     | 7                   | 120                  | 5.82%                |
| Other Income <sup>(4)</sup>                                         | 6                   | 3                    | 194.65%              |
| Transfer in from Reserve <sup>(5)</sup>                             | 0                   | 97                   | 0.00%                |
| Subtotal                                                            | <u>1,387</u>        | <u>2,189</u>         | <u>63.33%</u>        |
| <b>TOTAL REVENUES</b>                                               | <u><u>9,820</u></u> | <u><u>10,623</u></u> | <u><u>92.44%</u></u> |
| <u>EXPENSES</u>                                                     |                     |                      |                      |
| Personnel Expenses (incl. Dir.)                                     | 3,328               | 6,374                | 52.21%               |
| Professional Services <sup>(6)</sup>                                | 402                 | 1,611                | 24.95%               |
| Outside Engineering                                                 | 189                 | 340                  | 55.49%               |
| Legal Expense                                                       | 97                  | 211                  | 46.07%               |
| Travel & Conference <sup>(7)</sup>                                  | 5                   | 133                  | 3.96%                |
| Dues and Memberships                                                | 106                 | 180                  | 58.64%               |
| General & Admin Expense                                             | 403                 | 968                  | 41.69%               |
| Building Repair & Expense                                           | 454                 | 727                  | 62.49%               |
| Capital Acquisition (not including building repairs) <sup>(8)</sup> | 210                 | 79                   | 265.56%              |
| <b>TOTAL EXPENSES</b>                                               | <u><u>5,194</u></u> | <u><u>10,623</u></u> | <u><u>48.90%</u></u> |
| <b>EXCESS OF REVENUES OVER EXPENSES</b>                             | <u><u>4,626</u></u> |                      |                      |

RESERVE FUND

|                                               |                     |
|-----------------------------------------------|---------------------|
| Beginning Balance                             | 6,767               |
| Nov 2020 - excess from FY2019-20 General Fund | 538                 |
| <b>TOTAL RESERVE FUND</b>                     | <u><u>7,305</u></u> |

- (1) Interest rates have dropped due to pandemic  
(2) Choice Programs are paid in the beginning of the fiscal year  
(3) School Contracts began in September  
(4) Other Income - Wellness Grant for employees from ACWA JPIA  
(5) Transfer in from Reserves is moved at year-end  
(6) Professional Services - Projects in process  
(7) Travel is suspended due to COVID-19  
(8) Prior year funds will cover Capital Acquisition costs



Municipal Water District of Orange County  
Revenues and Expenditures Actual vs Budget Line Item Report  
Fiscal Year to Date ending December 2020 (Unaudited)  
General Fund

|                               | YTD ACTUAL       | ANNUAL BUDGET     | % Used         |
|-------------------------------|------------------|-------------------|----------------|
| <b>REVENUES</b>               |                  |                   |                |
| Retail Connection Charge      | 7,837,792        | 7,837,792         | 100.00%        |
| Ground Water Customer Charge  | 595,323          | 595,323           | 100.00%        |
| <b>Water Rate Revenues</b>    | <b>8,433,115</b> | <b>8,433,115</b>  | <b>100.00%</b> |
| Choice Programs               | 1,197,255        | 1,510,618         | 79.26%         |
| MWD Revenue - Shared Services | 51,025           | 0                 | 0.00%          |
| Interest Revenue              | 125,481          | 458,000           | 27.40%         |
| Miscellaneous Income          | 5,840            | 3,000             | 194.65%        |
| School Contracts              | 6,450            | 120,376           | 0.00%          |
| Gain on Sale of Investment    | 380              | 0                 | 0.00%          |
| Transfer in from Reserve      | 0                | 97,415            | 0.00%          |
| <b>Other Revenues</b>         | <b>1,386,431</b> | <b>2,189,409</b>  | <b>63.32%</b>  |
| <b>TOTAL REVENUES</b>         | <b>9,819,546</b> | <b>10,622,524</b> | <b>92.44%</b>  |

|                                         |                  |                  |               |
|-----------------------------------------|------------------|------------------|---------------|
| <b>OPERATING EXPENSES</b>               |                  |                  |               |
| Salaries & Wages                        | 2,170,696        | 4,152,072        | 52.28%        |
| less Recovery's                         | 0                | 0                | 0.00%         |
| Directors' Compensation                 | 115,583          | 258,909          | 44.64%        |
| MWD Representation                      | 65,159           | 157,070          | 41.48%        |
| Employee Benefits                       | 674,923          | 1,335,387        | 50.54%        |
| less Recovery's                         | 0                | 0                | 0.00%         |
| CALPERS Unfunded Liability Contribution | 207,000          | 207,000          | 100.00%       |
| Directors Benefits                      | 57,670           | 101,971          | 56.56%        |
| Health Insurances for Retirees          | 31,281           | 87,449           | 35.77%        |
| Training Expense                        | 4,953            | 64,500           | 7.68%         |
| Tuition Reimbursement                   | 0                | 5,000            | 0.00%         |
| Temporary Help Expense                  | 0                | 5,000            | 0.00%         |
| <b>Personnel Expenses</b>               | <b>3,327,265</b> | <b>6,374,358</b> | <b>52.20%</b> |
| Engineering Expense                     | 188,656          | 340,000          | 55.49%        |
| Legal Expense                           | 96,987           | 210,500          | 46.07%        |
| Audit Expense                           | 19,000           | 29,725           | 63.92%        |
| Professional Services                   | 382,947          | 1,581,338        | 24.22%        |
| <b>Professional Fees</b>                | <b>687,590</b>   | <b>2,161,563</b> | <b>31.81%</b> |
| Conference-Staff                        | 2,044            | 26,515           | 7.71%         |
| Conference-Directors                    | 1,860            | 18,695           | 9.95%         |
| Travel & Accom.-Staff                   | 1,349            | 62,495           | 2.16%         |
| Travel & Accom.-Directors               | 0                | 24,900           | 0.00%         |
| <b>Travel &amp; Conference</b>          | <b>5,253</b>     | <b>132,605</b>   | <b>3.96%</b>  |
| Membership/Sponsorship                  | 79,191           | 127,161          | 62.28%        |
| CDR Support                             | 26,550           | 53,158           | 49.95%        |
| <b>Dues &amp; Memberships</b>           | <b>105,741</b>   | <b>180,319</b>   | <b>58.64%</b> |

Municipal Water District of Orange County  
Revenues and Expenditures Actual vs Budget Line Item Report  
Fiscal Year to Date ending December 2020 (Unaudited)  
General Fund

|                                         | YTD ACTUAL       | ANNUAL BUDGET     | % Used        |
|-----------------------------------------|------------------|-------------------|---------------|
| Business Expense                        | 0                | 4,500             | 0.00%         |
| Maintenance Office                      | 49,426           | 125,420           | 39.41%        |
| Building Repair & Maintenance           | 12,050           | 15,000            | 80.33%        |
| Storage Rental & Equipment Lease        | 556              | 1,750             | 31.77%        |
| Office Supplies                         | 3,566            | 39,000            | 9.14%         |
| Supplies - Water Loss Control           | 8,121            | 10,000            | 81.21%        |
| Postage/Mail Delivery                   | 5,568            | 9,300             | 59.87%        |
| Subscriptions & Books                   | 240              | 1,000             | 24.00%        |
| Reproduction Expense                    | 3,744            | 83,700            | 4.47%         |
| Maintenance-Computers                   | 1,545            | 8,000             | 19.31%        |
| Software Purchase                       | 23,083           | 57,000            | 40.50%        |
| Software Support                        | 31,125           | 47,640            | 65.33%        |
| Computers and Equipment                 | 10,074           | 33,550            | 30.03%        |
| Maintenance Expense                     | 0                | 6,000             | 0.00%         |
| Automotive Expense                      | 79               | 20,000            | 0.40%         |
| Vehicle Expense                         | 1,935            | 6,350             | 30.47%        |
| Toll Road Charges                       | 0                | 2,300             | 0.00%         |
| Insurance Expense                       | 66,582           | 110,000           | 60.53%        |
| Utilities - Telephone                   | 18,864           | 30,850            | 61.15%        |
| Bank Fees                               | 1,297            | 1,200             | 108.08%       |
| Miscellaneous Expense                   | 18,039           | 113,800           | 15.85%        |
| MWDOC's Contribution to WEROC           | 120,618          | 241,236           | 50.00%        |
| Depreciation Expense                    | 26,912           | 0                 | 0.00%         |
| MWDOC Building Expense                  | 454,235          | 726,883           | 62.49%        |
| Capital Acquisition                     | 210,322          | 79,200            | 265.56%       |
| <b>Other Expenses</b>                   | <b>1,067,981</b> | <b>1,773,679</b>  | <b>60.21%</b> |
| <b>TOTAL EXPENSES</b>                   | <b>5,193,830</b> | <b>10,622,524</b> | <b>48.89%</b> |
| <b>EXCESS OF REVENUES OVER EXPENSES</b> | <b>4,625,716</b> | <b>0</b>          |               |

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Statement of Revenues and Expenditures  
Fiscal Year to Date ending December 2020 (Unaudited)  
Water Funds

|                                             | <u>YTD Actual</u>        | <u>Annual Budget</u>      | <u>Balance</u>              |
|---------------------------------------------|--------------------------|---------------------------|-----------------------------|
| <b><u>Water Revenues</u></b>                |                          |                           |                             |
| Water Sales                                 | 70,351,483               | 208,407,327               | (138,055,844)               |
| Readiness to Serve Charge                   | 5,783,404                | 11,583,326                | (5,799,922)                 |
| Capacity Charge CCF                         | 1,946,120                | 3,892,240                 | (1,946,120)                 |
| SCP/SAC Pipeline Surcharge                  | 193,372                  | 315,000                   | (121,628)                   |
| Interest                                    | <u>3,928</u>             | <u>22,000</u>             | <u>(18,072)</u>             |
| Total Water Revenues                        | <u><u>78,278,308</u></u> | <u><u>224,219,893</u></u> | <u><u>(145,941,585)</u></u> |
| <br><b><u>Water Purchases</u></b>           |                          |                           |                             |
| Water Sales                                 | 70,351,483               | 208,407,327               | (138,055,844)               |
| Ready to Serve Charge                       | 5,783,404                | 11,583,326                | (5,799,922)                 |
| Capacity Charge                             | 1,946,120                | 3,892,240                 | (1,946,120)                 |
| SCP/SAC Pipeline Surcharge                  | <u>193,372</u>           | <u>315,000</u>            | <u>(121,628)</u>            |
| Total Water Purchases                       | <u><u>78,274,379</u></u> | <u><u>224,197,893</u></u> | <u><u>(145,923,514)</u></u> |
| <br>EXCESS OF REVENUES OVER<br>EXPENDITURES | <u><u>3,928</u></u>      | <u><u>22,000</u></u>      | <u><u>(18,072)</u></u>      |

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Revenues and Expenditures Actual versus Budget  
Fiscal Year to Date ending December 2020 (Unaudited)  
Other Funds

|                                      | <u>YTD Actual</u> | <u>Annual Budget</u> | <u>Balance</u> |
|--------------------------------------|-------------------|----------------------|----------------|
| <b><u>WEROC</u></b>                  |                   |                      |                |
| Revenues                             | 361,854           | 482,472              | (120,618)      |
| Expenditures                         | 232,870           | 482,472              | (249,602)      |
| Excess of Revenues over Expenditures | <u>128,984</u>    | <u>0</u>             | <u>128,984</u> |

**WUE Projects (details on next page)**

|                                      |                  |           |                  |
|--------------------------------------|------------------|-----------|------------------|
| Revenues                             | 909,577          | 1,579,934 | (670,357)        |
| Expenditures                         | 1,140,358        | 1,579,934 | (439,576)        |
| Excess of Revenues over Expenditures | <u>(230,781)</u> | <u>0</u>  | <u>(230,781)</u> |

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 2020 (Unaudited)  
Water Use Efficiency Projects

|                                        | <u>Actual</u> | <u>Variance %</u> | <u>Fiscal Year<br/>Budget</u> | <u>% of<br/>Budget</u> | <u>Projected Final<br/>FY Budget</u> |
|----------------------------------------|---------------|-------------------|-------------------------------|------------------------|--------------------------------------|
| <b><u>Spray to Drip Conversion</u></b> |               |                   |                               |                        |                                      |
| Revenues                               | 32,585        |                   | 38,900                        | 83.77%                 | 38,900                               |
| Expenditures                           | 46,579        |                   | 38,900                        | 119.74%                | 38,900                               |
| Excess of Revenues over Expenditures   | (13,994)      | -43%              |                               |                        |                                      |

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

Budget Variance: Stated budget number is a yearly number, Actual number is on pace to be out ahead of Budgeted number due to increase in activity from property owners staying home.

**Member Agency Administered Pass thru**

|                                      |   |    |         |       |         |
|--------------------------------------|---|----|---------|-------|---------|
| Revenues                             | 0 |    | 175,000 | 0.00% | 175,000 |
| Expenditures                         | 0 |    | 175,000 | 0.00% | 175,000 |
| Excess of Revenues over Expenditures | 0 | 0% |         |       |         |

Actual Variance: Retail Water Agencies have not begun reporting their projects.

Budget Variance: Stated budget number is a yearly number. It is anticipated that by year's end Actual will be closer to Budget.

**ULFT Rebate Program**

|                                      |     |    |       |        |       |
|--------------------------------------|-----|----|-------|--------|-------|
| Revenues                             | 920 |    | 2,000 | 46.00% | 2,000 |
| Expenditures                         | 920 |    | 2,000 | 46.00% | 2,000 |
| Excess of Revenues over Expenditures | 0   | 0% |       |        |       |

Actual Variance: This tracks MWD OC 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 second quarter. It is anticipated that by year's end Actual will be closer to Budget.

**HECW Rebate Program**

|                                      |        |    |        |        |        |
|--------------------------------------|--------|----|--------|--------|--------|
| Revenues                             | 42,164 |    | 77,000 | 54.76% | 77,000 |
| Expenditures                         | 42,150 |    | 77,000 | 54.74% | 77,000 |
| Excess of Revenues over Expenditures | 14     | 0% |        |        |        |

Actual Variance: This tracks MWD OC 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 second quarter. Final year-end will be an increase over the Budget.

**CII Rebate Program**

|                                      |   |    |        |       |        |
|--------------------------------------|---|----|--------|-------|--------|
| Revenues                             | 0 |    | 12,500 | 0.00% | 12,500 |
| Expenditures                         | 0 |    | 12,500 | 0.00% | 12,500 |
| Excess of Revenues over Expenditures | 0 | 0% |        |       |        |

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

Budget Variance: Agencies have yet to provide their stated funding

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 2020 (Unaudited)  
Water Use Efficiency Projects

|                                      | <u>Actual</u> | <u>Variance %</u> | <u>Fiscal Year<br/>Budget</u> | <u>% of<br/>Budget</u> | <u>Projected Final<br/>FY Budget</u> |
|--------------------------------------|---------------|-------------------|-------------------------------|------------------------|--------------------------------------|
| <b><u>Turf Removal Program</u></b>   |               |                   |                               |                        |                                      |
| Revenues                             | 614,289       |                   | 648,000                       | 94.80%                 | 648,000                              |
| Expenditures                         | 649,029       |                   | 648,000                       | 100.16%                | 648,000                              |
| Excess of Revenues over Expenditures | (34,740)      | -6%               |                               |                        |                                      |

Actual Variance: Posted revenues lagging behind expenses. All revenue reporting for reimbursement is up to date.

Budget Variance: It is anticipated that by year's end Actual Budget will exceed the Budget due to increase property owner activity in our programs.

**Comprehensive Landscape (CLWUE)**

|                                      |          |      |         |         |         |
|--------------------------------------|----------|------|---------|---------|---------|
| Revenues                             | 136,295  |      | 130,784 | 104.21% | 130,784 |
| Expenditures                         | 217,981  |      | 130,784 | 166.67% | 130,784 |
| Excess of Revenues over Expenditures | (81,686) | -60% |         |         |         |

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

Budget Variance: It is anticipated that by year's end Actual Budget will exceed the Budget due to increase property owner activity in our programs.

**Recycled Water Program**

|                                      |          |        |        |        |        |
|--------------------------------------|----------|--------|--------|--------|--------|
| Revenues                             | 2,642    |        | 61,750 | 4.28%  | 61,750 |
| Expenditures                         | 30,597   |        | 61,750 | 49.55% | 61,750 |
| Excess of Revenues over Expenditures | (27,955) | -1058% |        |        |        |

Actual Variance: Payments did occur for this program. Funding is from State grants which are notoriously slow to reimburse. All reporting is current.

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

**WSIP - Industrial Program**

|                                      |          |       |        |        |        |
|--------------------------------------|----------|-------|--------|--------|--------|
| Revenues                             | 13,471   |       | 30,000 | 44.90% | 30,000 |
| Expenditures                         | 28,471   |       | 30,000 | 94.90% | 30,000 |
| Excess of Revenues over Expenditures | (15,000) | -111% |        |        |        |

Actual Variance: Payments did occur for this program. Funding is from State grants which are notoriously slow to reimburse. All reporting is current.

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

**Land Design Program**

|                                      |          |      |         |        |         |
|--------------------------------------|----------|------|---------|--------|---------|
| Revenues                             | 67,210   |      | 404,000 | 16.64% | 404,000 |
| Expenditures                         | 124,630  |      | 404,000 | 30.85% | 404,000 |
| Excess of Revenues over Expenditures | (57,420) | -85% |         |        |         |

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

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

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.



**ACTION ITEM**  
February 17, 2021

**TO:** Board of Directors

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

Robert J. Hunter, General Manager

Staff Contact: Hilary Chumpitazi/Harvey De La Torre

**SUBJECT: REQUEST FOR WAIVER FOR LATE PAYMENT FOR CITY OF SEAL BEACH**

**STAFF RECOMMENDATION**

---

It is recommended that the Board of Directors waive the City of Seal Beach's late water payment penalty of \$1,735.27

**COMMITTEE RECOMMENDATION**

---

Committee recommends (To be determined at Committee Meeting)

**REPORT**

---

The City of Seal Beach is requesting the District to waive the late payment penalty of \$1,735.27 as a result of a late payment for their September 2020 water deliveries invoice. The payment was due on November 13; however due to City's COVID-19 protocols and unanticipated delays the payment was received one business day late (See Attachment).

According to MWDOC's Rate Ordinance (Section 7.2 - Delinquent Payment) if a member agency payment is received between 1-5 days late a 1% penalty will be assessed. But upon written request by the member agency the Board may waive such penalty if the late payment was "caused by excusable neglect or circumstances beyond the control of the MWDOC member agency..."

Based on impacts COVID-19 is having on day to day operations, MWDOC staff recommends waiving the City of Seal Beach's late payment penalty.

|                                                       |                      |        |          |
|-------------------------------------------------------|----------------------|--------|----------|
| Budgeted (Y/N): n/a                                   | Budgeted amount: n/a | Core X | Choice _ |
| Action item amount: None                              |                      |        |          |
| Fiscal Impact (explain if unbudgeted): Not applicable |                      |        |          |

## BOARD OPTIONS

---

**Option #1** – Recommend that the MWDOC Board of Directors waive the City of Seal Beach's late water payment penalty of \$1,735.27

**Fiscal Impact:** The District does not receive an additional \$1,735.27 of unanticipated revenue.

**Business Analysis:** Due to COVID-19 impacting many member agency's day-to-day operations, delays in payment can be deemed "beyond the control of the MWDOC member agency" and warrant a penalty waiver.

**Option #2** – Recommend that the MWDOC Board of Directors does not waive the City of Seal Beach's late water payment of \$1,735.27

**Fiscal Impact:** The District receives an additional \$1,735.27 of unanticipated revenue

**Business Analysis:** Determine the circumstances do not warrant a waiver and impose the late water payment.

## STAFF RECOMMENDATION

---

**Option # 1**

**Attachment – City of Seal Beach Letter to MWDOC, January 19, 2021**

# City of Seal Beach



CITY HALL 211 EIGHTH STREET  
SEAL BEACH, CALIFORNIA 90740  
(562) 431-2527 • [www.sealbeachca.gov](http://www.sealbeachca.gov)

January 19, 2021

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

Dear Mr. Hunter,

This letter is to respectfully request a waiver of the late penalty of \$1,735.27.

In response to the COVID-19 pandemic, the City of Seal Beach has had to adapt in order to protect its employees and is now issuing payments every other week rather than every week. The payment for September 2020 water deliveries was issued and mailed on November 12, 2020 and under ordinary times, the payment would have been received the next day, November 13, 2020, when the payment was due. However, due to recent issues that the United States Postal Service, mail delivery is sometimes taking longer than it did before the pandemic. We have been requested to hand deliver payments to Municipal Water District of Orange County (MWDOC) or to the bank on behalf of MWDOC in the past, however, due to the current conditions we do not feel it is appropriate to ask our employees, many of which are working remotely, to hand deliver payments on behalf of the City. In addition to the potential public health exposure to our employees, this is against our internal control policies for accounts payable.

The payment was due on November 13, 2020 however MWDOC received and processed the payment on November 16, 2020, one business day later. A penalty of \$1,735.27 seems excessive when the payment was received the next business day and given the current climate that we are all impacted by we feel this penalty should be waived.

If you have any questions, please feel free to contact me at (562) 431-2527 ext. 1311 or via email at [ktelford@sealbeachca.gov](mailto:ktelford@sealbeachca.gov).

Sincerely,

Kelly A. Telford, CPA  
Director of Finance/Treasurer  
City of Seal Beach



**ACTION ITEM**  
February 17, 2021

**TO:** Board of Directors

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

Robert J. Hunter  
General Manager

Staff Contact: Hilary Chumpitazi, Accounting Manager

**SUBJECT:** **Additional Authorized Check Signer**

**STAFF RECOMMENDATION**

---

It is recommended that the Board of Directors approve the addition of a third authorized check signer.

**COMMITTEE RECOMMENDATION**

---

Committee recommends (To be determined at Committee Meeting)

**SUMMARY**

---

Accounts Payable disbursement checks require two authorized signatures; the current President of the Board of Directors, which is electronically printed on the check and an original signature from the General Manager or Assistant General Manager. During this current pandemic and any future emergencies staff would like to add a third check signer in the event neither the General Manager nor the Assistant General Manager is available. Staff is requesting to add the Director of Human Resources as the third authorized signer.

Below is the revised Administration Code section for check procedures.

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



## **BOARD OPTIONS**

---

**Option #1:** Staff recommends that the Board of Directors approve the addition of a third authorized check signer to be the Director of Human Resources.

**Fiscal Impact:** Accounts Payable payments can be made on time, preventing any possible late fees.

**Option #2:** Do not move forward with staff's recommendation and continue with our current check signers.

**Fiscal Impact:** Accounts Payable payments may not be paid on time and may incur late fees.

## **DISBURSEMENT CONTROL MEASURERS**

All disbursements are processed via a check or electronically through ACH.

### **Check Procedures**

Accounts Payable disbursement checks require two authorized signatures; the current President of the Board of Directors, which is electronically printed on the check and an original signature from the Director of Finance, General Manager or Assistant General Manager. In the event neither the General Manager nor the Assistant General Manager are available, the Director of Human Resources is authorized to sign disbursement checks. Payroll disbursement checks require one authorized signature, which is the current President of the Board of Directors' electronically printed signature.

The Accounting Manager, the Financial Analyst, and the Accountants are authorized to print checks. The Accounting Manager or Financial Analyst shall have the authority to make appropriate filings with MWDOC's bank to authenticate the transactions.



**DISCUSSION ITEM**

February 10, 2021

**TO: Board of Directors**

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

**Robert Hunter  
General Manager**

**Staff Contact: Hilary Chumpitazi**

**SUBJECT: FY 2021-22 First Draft Budget**

**STAFF RECOMMENDATION**

---

Staff recommends the Administration & Finance Committee, MWD OC Board of Directors, Member Agencies, and the public review, discuss and provide input and comments on the first draft of MWD OC's budget for FY 2021-22.

Pertinent aspects of the fourth draft budget include:

1. The first draft budget includes a proposed increase of \$0.40 (3.3%) to the retail service charge bringing the retail rate to \$12.60 per retail meter. The groundwater customer charge to OCWD decreases by \$24,072 (4.0%) to \$571,251. These charges are calculated under the current rate structure. It is possible that the rate structure may be modified as the result of the ongoing rate study.
2. The first draft has a budget total of \$184,731,388 (revenue) including Core & Choice, water sales, outside funding, and WEROC. This is a decrease of approximately 22% almost exclusively attributable to the two-year decrease in water sales.
3. The consolidated general fund budget is \$10,513,848 (revenue) with a decrease of \$11,262 (0.1%).
4. The total revenue amount for the Core budget is \$8,894,338; an increase of \$222 over the current year's budget. This includes a \$238,000 (52%) reduction in interest revenue.
5. The proposed first draft budget includes a planned reserves contribution of \$43,925 and essentially fully funds the reserves to the target levels.
6. The unfunded CALPERS liability annual payment of \$207,000 is proposed. This will be the fourth year of the ten-year funding program.

|                                               |                  |            |             |
|-----------------------------------------------|------------------|------------|-------------|
| <b>Budgeted (Y/N): NA</b>                     | Budgeted amount: | Core ____  | Choice ____ |
| <b>Action item amount:</b>                    |                  | Line item: |             |
| <b>Fiscal Impact (explain if unbudgeted):</b> |                  |            |             |

7. The proposed salary contribution pool is at 3.64% of salaries and wages and reflects the rate of inflation (CPI = 1.64%) and merit considerations. No COLA (Cost of Living Adjustment) is being proposed.
8. There is a slight reduction (0.75 FTE) in the Full-time Employee staffing level (32.25 FTE) associated with staff retirement and succession planning. There is also a very small reduction in WEROC staffing (0.09 FTE) and a reduction in Part-time employees and Interns (1.07 FTE).
9. There is no addition to the Election Reserve in FY 2021-22 but a carryover Election Reserve Ending Balance of approximately \$285,000.
10. The Building Improvement expenses has a significant carryover from the current fiscal year budget. The project is in the midst of active construction and the currently planned phases of the construction will be completed in FY 2021-22.
11. The Consolidated Professional Fee expenses are significantly reduced from this year (\$220,721 or 14%) but partially offset by a \$40,000 increase in the Engineering Expense. The two largest factors in the Professional Fee reduction are the completion of two periodic studies; the triennial Benchmark Study comparing MWDOC job classifications and salaries to the market and the 5-year rate study.
12. There is a decrease in the staff development/technical training/leadership training (\$12,500) associated with COVID-19 impacts on the program.
13. Conference & Travel expenses remain significantly below those of two years ago as it was assumed that COVID-19 would drastically reduce activity in the first half of the fiscal year. This is similar to the assumption for the last budget cycle.
14. Outside funding for Water Use Efficiency (WUE) from rebates and grants is budgeted at \$2,618,752; an increase of \$1,038,818 over this year's budget.
15. 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
16. Total outside funding (WUE & Local Resource Project (LRP) sources) is budgeted to be approximately \$6,754,840.
17. 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 not incorporated in the budget pending Committee discussion include:

- A. Additional resources for Bay-Delta and Colorado River technical analysis either in the form of consultants or staff.
- 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 current rate structure implemented in FY 2016-17. A new 5-year rate study is currently being conducted. The results of that rate study will not change the revenue requirements for this budget, but may change the rate structure. That may change the proportion of revenue collected from retail Member Agencies and OCWD.

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.

## **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**

---

COVID-19 had significant impacts on the development of both this year's and next year's budgets. This resulted in an actual rate reduction last year for both the Retail Meter Rate (-\$0.20/meter) and the Groundwater Customer Charge (-\$2,925). The proposed Retail Meter Rate in the proposed budget is an increase of \$0.40/meter or 3.3% over last year and 1.6% over the rate for FY 2019-20. The proposed Groundwater Customer Charge is a reduction of \$24,072 or 4.0%.

The year-to-year (Y-T-Y) changes in the total Core expenses between FY 2020-21 and FY 2021-22 produce a decrease of \$141,116,866 (1.6%).

- The multi-year seismic retrofit and office remodel project will complete the planned phases in FY 2021-22. Funding for this project has been spread over multiple years and reflects a combination of single year revenues and carry-over funding from previous years.
- The largest Core expense is in the cost categories for Employee, MWDOC Director and MWD Director salaries, wages and benefits with a Y-T-Y increase of \$51,641. However, this represents only a 1.0% increase in these categories.
- The other large increases in descending order are Engineering Expense (\$40,000), Maintenance Expense (\$21,980), Insurance Expense (\$20,000), and Health Insurance Coverage for Retirees (\$13,650).
- The Membership/Sponsorship expenses only include items previously approved by the Board of Directors.
- Significant Y-T-Y Core expense decreases include Professional Fees (\$230,343), Miscellaneous Expense (\$26,619), and Training Expense (\$12,500).

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

The year-to-year changes in the total Choice expenses between FY 2020-21 and FY 2021-22 are down \$11,484 (0.7%).

## **DETAILED REPORT**

---

This committee and board item presents information and discusses the MWDOC FY 2021-22 budget. There is a simultaneous process being conducted to review and possibly modify the current MWDOC rate structure. The annual budget details expenses and revenue requirements for MWDOC's fiscal year. The rate study evaluates different methods to allocate and collect the revenue to meet those revenue requirements. The final rate structure does not change the size of the annual budget but can significantly change the distribution of the cost allocations between Member Agencies. 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 rate structure (modified or not) will be approved at the same April 21<sup>st</sup> meeting. The first draft budget presents revenue figures based on the current rate structure. Later drafts may include alternative revenue distributions and rates based on alternative rate structures being considered in the rate study.

The FY 2021-22 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 FY 2021-2022
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. MWDOC Budget Process & Schedule**

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 13th Administration & Finance (A&F) Committee. The first draft budget is presented at the February 10th A&F Committee meeting. The second and third draft budgets are scheduled for the March 10th and April 14<sup>th</sup> committee meetings. The final budget is scheduled for approval by the MWDOC Board of Directors at the April 21, 2021 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 2021 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.

## 2. **MWDOC Budget Principles for FY 2021-22**

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.

Goals and objectives for the eight MWDOC departments (Cost Centers) have been presented and discussed at two MWDOC committee meetings. The input from these public meetings are incorporated into this budget.

## 3. **Projected Year-End Estimates & Reserve Fund Balances**

### **Projected Year-End Estimates for FY 2020-21**

Expense projections have been prepared for the remaining months of the current fiscal year in order to calculate the FY 2020-21 Year-End estimates. It is important to note, these projections utilize only four months of actual expenditures and estimate the remaining months in order to meet the budget schedule. Preliminary variance estimates for the FY 2020-21 Core budget include:

1. The total variance for the Core Budget is projected to be a performance of \$36,713 (0.4%) better than the budget, including revenues being \$245,000 under budget and expenses being \$281,713 under budget. The budgeted draw on reserves was \$97,413 but the projected draw on reserves is only \$60,700. The most significant expense activities involved the election for five divisions and the Building Renovation & Seismic Retrofit Project. The largest variance for revenue was the Interest Revenue category.
2. MWDOC has not received the election invoice from Orange County and it may not be available until late February or early March. Due to the size of the voter turnout, there is significant uncertainty in the estimated election cost for the four competitive division elections. Once the election invoice is received, the budget year-end projections and FY 2021-22 budget will be revised as appropriate.
3. The Building Renovation Project (both Building Expense and Capital Acquisition Expense) is a comparatively large expense and includes significant year-to-year carryover of funds. The project will be completed in FY 2021-22.
4. Interest revenue is projected to be \$245,000 (53.5%) less than budgeted due to the rapid reduction of investment interest rates.
5. Other major budget expense variances in the year-end projections include Professional Fees projected to be \$131,137 under budget and Engineering Expenses at \$234,896 over budget. Other below budget expense categories include Miscellaneous Expense (\$62,554), Printing et al (\$42,695), Salaries & Wages (\$38,657), Maintenance Expense (\$32,420), and MWD Representation (\$30,027). COVID-19 operational impacts influenced many of these variances.

### **Projected Reserve Fund Balances**

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

The MWDOC designated reserve targets for FY 2021-22 and the projected reserve balances for FY 2020-21 (financial audit balances) are summarized in the table below. The total unfunded balance is (-) \$11,624 (i.e., Total Target of \$6,245,570 (-) Total Planned Balance of \$6,257,194). As indicated in 3.1 (above), a total of \$60,700 is projected to be a draw on reserves from the FY 2020-21 operations. This draw is allocated to the General Operations Reserves as indicated in the table column "FY 2020-21 Projected Year End Reclass to Reserves". This will result in an unfunded total reserve balance of \$49,076.

Therefore, the goal for rate setting in the FY 2021-22 budget will be a budget surplus of \$49,076 to fully fund the reserves.

|                           | # Days Cash | FY 2021-22 Reserve Target | FY 2020-21 Projected Reserve Balance | FY 2020-21 Projected Year End Reclass to Reserves | FY 2021-22 Projected Reserve Balance |
|---------------------------|-------------|---------------------------|--------------------------------------|---------------------------------------------------|--------------------------------------|
| General Operations        | 90-180      | \$ 3,727,775              | \$ 3,380,505                         | \$ (60,700)                                       | \$ 3,677,805                         |
| Grant & Project Cash Flow |             | 1,500,000                 | 1,500,000                            | -                                                 | 1,500,000                            |
| Building Reserve          | 10-15       | 435,648                   | 436,542                              | -                                                 | 436,542                              |
| Election Reserve          | N/A         | 285,000                   | 285,000                              | -                                                 | 285,000                              |
| OPEB Reserve est.9/2018   | N/A         | 297,147                   | 297,147                              | -                                                 | 297,147                              |
| TOTALS                    |             | \$ 6,245,570              | \$ 6,257,194                         | \$ (60,700)                                       | \$ 6,196,494                         |

The first draft budget has a contribution to reserves of \$43,925, indicating a shortfall to fully fund of surplus of \$4,224 (i.e., essentially fully funded).

#### **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 2020 CPI for the LA/Long Beach/Anaheim area was 1.64%. This is 49.8% lower than the 2019 number. The CPI of 1.64% falls into MWDOC's low 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 is being conducted during the current fiscal year and will be completed prior to the final budget. Budget impacts are expected to be minor. In general, MWDOC has found limited range corrections to be necessary. Therefore, we will continue the CPI adjustment for FY 2021-22.

##### **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. Most of the water agencies in our annual direct labor market 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. There are two complicating factors to this comparison. There has been significant movement between job classifications (i.e., promotions) that help maintain the mid-range salary positions. The mid-range position has also been subsidized by seven prior years of 1% salary increases implemented to offset the annual 1% transfer of benefit costs to employees.

MWDOC also conducts an annual survey of 20 water utilities 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.

Given that MWDOC's compensation pool covers both inflation and merit and that it has kept salaries competitive and within ranges over several years, a review of 5-year and 10-year compensation increases and CPI data was conducted to quantify the past practice. The CPI range was a positive 3.80% (2018) to negative 0.78% (2009). Overall the compensation pool can be described as consisting of an inflation component of the CPI plus a merit component of 85% of the CPI. The total  $1.85 \times \text{CPI}$  function appears to be a reasonable calculation for the mid-inflation range (CPI 2.4% to 4.7%) but breaks down at the more extreme ranges of CPI. For example, 0% CPI would calculate as a 0% compensation pool increase and would obviously not reward merit as intended. At the other end of the range, other problems arise. For example, in 1980 the CPI was 13.5% and this would calculate at the unlikely compensation pool of 25%.

The 2020 CPI is 1.64% for the region which is in the 0.0% to 2.4% "low inflation" effective range. Applying the CPI+2% low-inflation range formula to the 1.64% CPI yields a compensation pool of 3.64% 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 3.64% rate.

## **5. Budget Input from Member Agencies**

In December 2020, 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 FY 2020-21 budget year-end projections and the conceptual FY 2021-22 budget were discussed at the January 13, 2021 Administration & Finance Committee meeting as well as the January 21, 2021 MWDOC Agencies Managers Meeting.

Only one comment letter has been received from a MWDOC Member Agency and it deals with policy issue priorities to be addressed at MET by MWDOC and not specific aspects of the budget per se. The OCWD letter repeats four policy issues from previous years, as listed below with comments on current status:

- Establish a permanent regional In-lieu program that encourages the storage of additional water during periods when MWD is at risk of losing excess imported water supplies. – This program has already been largely established under the Cyclic Storage Program. This program allows groundwater agencies to take delivery of replenishment water during such periods and pay for it over a multiple-year period. It includes a standing authorization for MET’s General Manager to recommend In-lieu deliveries, with a financial equalization, based on his/her assessment of conditions. As there is a financial expenditure involved, it is unlikely that the program will be modified to be any more “permanent” in nature.
- Modify the Water Supply Allocation Plan rules to include Groundwater Basin Agencies in a more consistent manner. – Heading into the last allocation, groundwater agencies were not included in the allocation process. MWDOC worked with MET and the other MET member agencies to implement the inclusion of groundwater agencies in the allocation. MEDOC will continue to work to achieve “a more consistent manner”. However, this will remain low on the MET priority list due to the immediate issues of concern at MET (IRP, GM hiring, Rate Structure Review), the near record high water storage levels, and the unlikely implementation of the Water Supply Allocation Plan in the next three years.
- Determine the terms necessary to phase-out the MWD Conjunctive Use Program (CUP) storage agreement. – MWDOC has discussed this issue with MET staff several times and MET has not been interested in phasing-out the program. We will continue to press the issue.
- Obtain MWD’s approval to pump potable water supplies into MWD pipeline facilities. – MWDOC was able to work with MET staff to advance and receive Board approval of a program to allow and facilitate the introduction of non-MET water into MET pipelines during emergency conditions. MWDOC is currently working with MET as the “test case” to develop and implement the various agreements necessary to put this program into effect. This is a significant step towards the broader non-emergency use.

## 6. Key Priorities & Initiatives for FY 2021-22

### 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. In 2021, 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.

Presentations and discussions of departmental priorities and goals have occurred during the December 2020 through January 2021 period at MWDOC committee meetings. The results of these discussions have been incorporated into the budget.

### **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 **"To provide reliable, high-quality supplies from the Metropolitan Water District of Southern California (Metropolitan) and other sources to meet present and future needs, at an equitable and economical cost..."**.

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 seismic retrofit and remodel 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), and IRWD's Strand Ranch 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 2021, 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. This analysis will provide additional information for decision makers by analyzing the 'willingness to pay' to better quantify how the Orange County community values water supply reliability and the value to Orange County of avoiding reductions or interruption in water supply.

## **FY-2021-22 Activities**

For FY-2021-22 the Engineering Department will continue to move a number of efforts forward including:

- Completion of the Administration Building Seismic Retrofit and Remodel Project.
- Coordinating a final agreement/determination of MET's ownership and maintenance responsibilities in the South County Pipeline.
- Initiating a pilot project to develop the necessary protocols with MET and MWDOC member agencies for emergency pump-in of local water supplies into the East Orange County Feeder #2 (EOCF#2).
- Post the MET IRP, completion of the next OC Reliability Study Update.
- Coordinating and facilitating extended shutdowns of the Allen McColloch Pipeline (AMP) for MET's Prestressed Concrete Cylinder Pipe (PCCP) Rehabilitation Project over the next several years.
- Working with MET, OCWD, and other MET member agencies to enhance the Bureau of Reclamation's Salinity Economic Impact Model (SEIM) so it can become a valuable tool for MWDOC member agencies.

## **Metropolitan (MET) Issues and Water Policy (Cost Center 23)**

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.

Beyond the regular functions of the Department listed above, there are particular issues and/or key initiatives that we identify as priorities for the near and mid-term:

Near Term Priorities (1-2 years)

- 2020 MET Integrated Resource Plan - Actively participate in MET's 2020 Integrated Water Resources Plan (IRP) Update including the development of the Scenario Planning approach and methodology, key assumptions, IRP gap analysis, resource portfolio, and policy issues. This IRP is likely to address serious questions relating to MET's role & mission along with its business model.
- Selection of a new General Manager at MET – Monitor the key dates and schedule for the Board and member agencies on the selection process for a new MET General Manager.
- MET Rate Refinement – Participate in the development of a new Demand Management Charges as well as review and refine MET's current rate structure, which may include rebundling the rates and/or additional fixed charges. Per the Board direction, a new Demand Management Charge needs to be in place by end of CY 2021 in order to be incorporated in the Biennial Budget for FY 2021/22 & FY 2022/23.

- Urban Water Management Plans - Update the 2020 Urban Water Management Plans (MWDOC, Member Agencies, and MET), which will include a water supply and demand assessments ("Stress-Tests") and a Water Shortage Contingency Plan section. The UWMPs are required to be submitted to the state by July 1, 2021.
- Regional Resource Project Assessment - Assesses on the cost-benefits of new local and regional resource projects will be conducted on a number of upcoming projects such as MET's Regional Recycled Water Project in Carson, Southern Nevada Water Authority participating and exchange program with MET in the Carson recycled project, participation in storage programs such as SARCCUP & Strand Ranch, and Desalination Projects.
- Imported Supply Activities - Monitor activities relating to imported supplies, including California Water Resilience Portfolio; Delta Conveyance next steps and analysis of cost estimates; and startup of Colorado River Lower Basin's new interim guidelines.

Mid-Term Priorities (3-5 years):

- Reliability Goals - Advocate for regional projects and programs that enhance the water reliability for Orange County and Southern California while seeking to ensure MWDOC's investments are cost effective and meet Orange County's objectives.
- IRP Implementation - Ensure efficacy of implementation strategies to achieve MET's 2020 IRP Update reliability goals (for example, the Local Resources Program evaluation criteria).
- Drought Resilience - Seek areas of improvements in MET's Water Supply Allocation Plan that will result in drought resiliency for Orange County.

**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. Water Use Efficiency mandates continue to evolve from the 20% by 2020 framework adopted in 2009 to the new efficiency standards-based approach scheduled to begin phasing in with the distribution system water loss standard on July 1, 2021. 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:

- Aerial Imagery, Landscape Area Measurements and Data Warehousing Project - In preparation for member agency compliance with new Water Use Efficiency Standards contained in Senate Bill 606 and Assembly Bill 1668, staff is implementing an Aerial Imagery, Landscape Area Measurements and Data Warehousing Project in partnership with the Santa Ana River Watershed Project Authority and Southern California Association of Governments. This effort includes all of Orange County. This effort has made significant progress but will not be completed until early FY 2022-23. Aerial imagery has been flown and is currently being processed. This imagery will be forwarded to USBR this summer and will be used to derive residential landscape area measurements for comparison to DWR provided measurements. This imagery will also be used to aid in establishing area measurements for dedicated irrigation meters. This data will be warehoused by way of a centralized aerial image and data management tool for access by individual retail agencies. Agencies can pull this information into their in-house GIS or billing systems or access it as needed from the SAWPA administered data warehouse. This information can be used in a variety of ways including:
  - Water Use Efficiency Standards Compliance
  - Tracking urban landscaping trends
  - Water demand tracking and forecasting
  - Implementation of individualize customer efficiency targets
  - Implementation of Budget Based Tiered Rates
- 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 enter its third year. 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 2.0 existing FTE MWDOC staff members. Areas of focus include:

- Implement Year III of the Water Loss Control Shared Services
- Continue to convene the Water Loss Control Work Group
- Year VI of the Water Loss Control Technical Assistance will continue in partnership with member agencies and Water Systems Optimization and initiate a request for proposals process to consider technical assistance opportunities beyond our fifth year of implementation.
- Engagement in the State Water Resources Control Board rule making process to establish a volumetric water loss standard called for in SB 555.

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 took on some unexpected efforts in FY 2020-21; all the while continued 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.

#### **Highlights of Activities and Accomplishments for 2020 to date:**

- Since the onset of the COVID-19 pandemic, WEROC has been providing on-going support to all agencies,
- WEROC and its consultant, Herndon Solutions Group (HSG) are continuing to work with WEROC agencies to achieve compliance with America's Water Infrastructure Act (AWIA).
- Completion of the WEROC Program Strategic Assessment Plan. The assessment was a comprehensive review of the current WEROC program, what the future holds and identification for areas of collaboration that can make WEROC a stronger organization over the coming years to benefit all members.
- Development of a new long term Exercise and Training Program Plan integrating new requirements including AWIA, water specific trainings, and development of a long term repeating exercise program incorporating water specific areas.
- Creation and delivery of certified virtual ICS training conducted in-house approved by the State using the State and Federal standards and incorporating water and wastewater specific applications.
- In partnership with the OCIAC, Cyber Security emergency notification secondary and tertiary communication paths for IT personal was created and implemented.
- WEROC is proud of the advocacy we routinely engage in on behalf of the water and wastewater sector and specifically for our Member Agencies. This year on September 26, 2020, the Operational Area Agreement went into effect and with that WEROC is representing the agencies on the Operational Area Executive Board.
- The staff continues to actively partake in discussions regarding the repercussions of the Public Safety Power Shutoff (PSPS) program. WEROC staff continues to work with the County, Southern California Edison and San Diego Gas and Electric specifically to update and coordinate notification and receipt of vital power grid outage information in support of our member agencies. WEROC will continue its coordination efforts with both SCE and SDG&E utilities to improve the overall communications for power outages and priority restoration as required.
- In addition to COVID-19, WEROC staff activated to support member agencies with communication, coordination, and resource needs for the following events in 2020: Demonstrations and Protests in Orange County, August Heat Event and CalSO Stage 3 Power Emergency (Rolling Blackouts), Public Safety Power Shut Off Events, and the

Silverado, Blue Ridge and Bond Fires.

### **Some of WEROC's Key Initiatives for FY 2021-22:**

- Maintain WEROC and OC water and wastewater agencies in a state of readiness to respond to emergency situations. Key aspects include staffing, training, exercises, updating plans and procedures.
- Development and implementation of the Regional Cyber Security Coordination Annex as part the WEROC Emergency Operations Plan.
- Continue implementation of the WEROC Assessment Plan
- Completion of the AWIA compliance project and conduct a closeout audit and meeting with participating agencies.
- Continue to build upon the lessons learned from various training, exercises and real events.
- Full implementation of the plan revision schedule.
- Develop, obtain, and implement a new WEROC platform to meet specific needs of the member agencies to securely store, maintain, and disseminate files and information.
- Develop a Logistics Plan that will incorporate how personnel, supplies, and equipment are requested, procured, tracked, and supported within the WEROC Organization.
- Creation of a GIS dashboard allowing for visibility of information in a none-linear form using open source information and current in house mapping information.
- Revision of the Business Continuity Plan to ensure commonality with the WEROC Emergency Operations/Response Plan.
- Work with ETWD and the WEROC funding agencies (including MWDOC) regarding opportunities for upgrading the South EOC facilities.

### **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, upcoming Americans with Disabilities Act (ADA) requirements, along with recommendations provided by current contractors, will drive the progress or shifts needed in these areas.

The Public Affairs Department is currently reviewing and updating the Communications Plan. Input from the Board of Directors has focused on linking specific goals, audiences and messages with a focus on impacts (i.e., "moving the needle"). Changes to the Communication Plan will be reflected in the future versions of the draft budget.

### **Key Initiatives for Public Affairs 21/22**

#### **Imported Water: Delta Conveyance Project & Colorado River Aqueduct**

MWDOC will educate stakeholders on the importance of reliable deliveries from the State Water Project and the Colorado River. As FY 20/21 closes, a series of MWDOC produced videos about the Delta Conveyance Project (DCP) will begin to be published. These videos, featuring MWDOC's Board of Directors, will be available on the District's website and social media, and provided to cable access throughout the MWDOC service area. Another series of videos is planned for production highlighting the challenges facing the Colorado River Aqueduct.

After two well-received water publications in the Sunday Orange County Register in FY 2020-21 highlighting the DCP, MWDOC's OC Reliability Study, and other Member Agency projects, traditional print media continues to reach a target audience segment. This tool also allows for the repurposing of published materials for digital distribution. This effort will continue in FY 2021-22.

### **Education**

For the 2021-22 fiscal year, 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 FY 2020-21. 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. It is important to note that the Department posted a Request for Proposals (RFP) for Design and Implementation of K-12 Water Education School Program Services in January 2021 to solicit bids for contractors across all K-12 grade levels. K-12 educational programming has been significantly affected by the influence of COVID-19, and a complete review of lesson plans and execution strategy is necessary either with existing or new Choice School Program contractors.

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.

Partnerships have allowed the Department to grow its resources, substantially extend its reach, and create new MWDOC water ambassadors. The Department will continue to offer programs and materials to reach water users of all ages. These efforts include the Scouts merit badge and patch programs. Through work supporting environmental literacy, the Department will evaluate and refine the materials and activities presented in these programs and the District's Choice School Programs.

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. An example of this would be to build an on-site garden where students can study natural phenomena, examine the interconnectivity between humans and nature, and develop real-world solutions to challenges that arise by observing the problems and changes that occur.

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.

### **Additional Member Agency Support**

Over the past year, staff have increased participation in industry memberships, training, and certifications, developing additional skills, experience, and acumen in the job's day-to-day responsibilities and demands. Thus, MWDOC has provided professional training opportunities to Member Agency communicators at the bimonthly Public Affairs Workgroup (PAW) meetings to communicate regional messages to various stakeholders effectively. Whether it be a conservation message, responding to a specific water-related piece of legislation, or while in an Emergency Operations Center (EOC) during a disaster, these skills are critically important.

Over the past fiscal year, the Department has spent time evaluating, testing, and revising materials and training opportunities offered to MWDOC Member Agency communications

colleagues through PAW. MWDOC provides timely, accurate, trustworthy content and messaging countywide and throughout the State. MWDOC's media toolkits come complete with a subject overview, sample social media posts, newsletter articles, news releases, letters of support, flyers, and additional content as needed. These kits are created in-house and have proven to be valuable throughout the industry. The Department plans to continue these efforts, expanding upon the materials and resources provided in previous kits such as COVID-19 – Your Drinking Water is Safe, Emergency Response and Disaster Recovery, and developing and distributing new kits like Delta Conveyance Project: Why it's Critical to Southern California and Promoting MWDOC School Programs in Your Service Area.

### **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.

### **Re-establish MWDOC Speakers Bureau**

Additionally, when the world starts to reopen, the Department looks to reestablish and formalize 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.

### **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 despite a variety of setbacks. Given that, one of the most significant accomplishments of 2020 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. Below are the highlights of what we achieved in 2020, but there are several pieces of legislation that in any other year would have been on our list of wins. Almost no legislation related to water policy made it to the Governor, and nothing survived that had any real opposition. Despite all that COVID-19 threw at us, we do have the following highlights:

### **Accomplishments for 2020**

- Worked to ensure the \$8.3 Million grant for the South Coast Water District Doheny Beach Desal Project is listed in the Energy and Water Appropriations Bill and the \$11.7 Million grant was listed in the Omnibus Appropriations Bill. This also involved coordinating with the SCWD and Soto Resources.
- Engaged all members of Orange County's Congressional delegation on the FY21 appropriations bills.
- Advocated for full funding of critical water programs funded at the Bureau of Reclamation, USACE, Clean/Drinking Water State Revolving Funds, and the WIFIA program.
- Engaged key members of Congress and the US Senate expressing concern about PFAS legislation that could negatively impact MWDOC and its member agencies. Specifically, we highlighted concerns about listing PFAS as hazardous substances under the Superfund CERCLA without an exemption for public water systems. Ultimately, the language was not included in the 2020 National Defense Authorization Act.
- Actively engaged on legislation related to wildfires and Public Safety Power Shutoffs (PSPS) that impact water districts.
- Worked with MWDOC staff and OC LAFCO staff on MWDOC's Municipal Service Review and Sphere of Influence update which was unanimously approved by the OC LAFCO Commission.

### **Priorities for 2021**

- Actively engage on issues, legislative and regulatory, that will affect the Delta Conveyance Project.
- Actively engage and advocate for federal funding for the Army Corps of Engineers, the Bureau of Reclamation, the EPA, and WIFIA Programs
- Advocate for the passage of the federal reauthorization of the 2016 WIIN Act and federal funding for the State Revolving Fund loan program (including the CA Drought Relief provisions).
- Advocate for changes in the IRS Code with respect to turf removal programs.
- Continue engagement with Rep. Levin and staff on his Desalination Development Act.
- Continue to work with Rep. Garamendi and staff to ensure special districts are defined in statute and be eligible for future funding distributions.
- Continue advocating for Senator Feinstein's Emergency Wildfire and Public Safety Act, which would ease some regulatory hurdles for forest management projects, such as not requiring a renewed environmental review when new information emerges about potential effects on endangered species – a legislative fix to a court-imposed requirement.

- 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.

### **Action Items to Help Achieve These Priorities**

- Actively engage on legislation and regulations that will affect the Delta Conveyance Project.
  - Now that WaterFix has become the Delta Conveyance Project, we will need to retrace most of the steps taken to educate the Orange County delegation, including new members, about the need for the project and the implications to water security.
- Actively monitor and engage on regulations related to wildfires and Public Safety Power Shutoffs (PSPS) that impact water districts.
  - After SB 1099 (Dodd) was not enacted at the end of the 2020 legislative session, South Coast Air Quality Management District (SCAQMD) agreed to place a renewed effort on working with stakeholders and updating their regulations that negatively impact water districts using emergency backup generators during a disaster. MWDOC staff and its advocacy team will actively engage with SCAQMD to ensure these regulations honor the legislative intent in SB 1099
  - Legislation related to wildfire liability is in 2021 and will be closely monitored
- Actively engage on regulations and regulatory proceedings related to Constituents of Emerging Concern (CECs).
  - Support administrative and/or legislative proposals that use a science-based approach in developing regulations.
  - Support funding to help public water systems defray cost of monitoring and ensure clean-up costs are borne by the polluters.
  - Outreach and education to the Orange County delegation about potential legislation that could negatively impact MWDOC and our member agencies.
  - Engage on legislation consistent with our policy principles.
- Actively engage on regulations implementing the Low Income Rate Assistance, or “LIRA”, program.

- A final draft proposal for the LIRA program is said to be under review by the Governor.
- The main concern on the part of water districts is the preservation of existing programs.
- Action items include submitting written comments, and testifying should there be further public hearings once the report is released, and possible outreach to key legislators if needed to influence the administration. It is unknown at this time if the report will seek new legislation.
- Actively engage on SB 200 (disadvantaged and noncompliant water systems) implementation.
  - Engage with the working group that has been formed to implement the Safe and Affordable Drinking Water Program.
  - Action items include appearing before the workgroup; participate in membership association workgroups, and submitting written material to ensure the grant funds are spent effectively and efficiently.
- Continue our outreach efforts with Orange County's delegation on the federal, state and local level.
  - Meet with new members of the Orange County delegation, new key committee members, and staff.
  - Strengthen outreach with returning members of the Orange County delegation, key committee members and staff.
  - Focus on issue education and advocacy.

### **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:

- Implement District wide staff training;
- Implement Individual staff training and development;
- Implementation and training of Performance Evaluation Process;
- Implementation and completion of Benchmark Compensation Study;
- Succession Planning for upcoming retirements;
- Oversee building remodel improvements;
- Increase Employee Engagement and implement Organizational Values;
- Continue to monitor activities related to COVID-19 and implement policies, as required.

#### MWDOC Building Improvements

Administration, Engineering, and WEROC staff are working together to coordinate multiple improvement projects at the MWDOC Administration Building. Construction efforts began in November 2020 and are anticipated to continue through October 2021. Staff hired ABS Consulting to assist with Owner's Representative services for the various aspects of seismic retrofitting and remodeling of the existing building. As construction moves forward, staff is taking into consideration guidance from the National Institute for Occupational Safety and Health (NIOSH) for controlling exposures to occupational hazards, including infectious disease transmission pathways, brought into focus by COVID-19. Additionally, mandated (administrative) compliance requirements have been implemented for the office environment that will continue when the workforce can safely return to the office. The capital budget reflects previously approved budgeted costs, carryover of unspent capital funds, newly realized costs related to glass partition walls for conference rooms, HVAC improvements to provide additional infectious disease (engineering) controls, and furniture costs for Phase 3 of the remodel.

#### **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 the highest level of firewall protection to prevent threats, viruses and hackers from penetrating our system. As well as, providing & maintaining properly working office equipment.

Key Initiatives in the coming year include:

- Maintain functional operations and support while staff is working remotely and throughout the building renovations at MWDOC;
- Supporting the succession planning for an upcoming retirement;
- 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. Core/Choice Programs for FY 2020-21**

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.
- 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 new program was developed in conjunction with our Member Agencies and will enter its third year of field operation.

## **8. Water Rates and Charges**

MWDOC's revenue funding for its Core Budget derives from the Retail Meter Service Charge and the Groundwater Customer Charge. The rate structure was developed as part of the 2016 rate study and was implemented by the MWDOC Board of Directors for FY 2016-17. A new rate study is currently being conducted and any changes will be initiated for the FY 2021-22 budget.

### Current Rate Structure

Based on the Proposed Budget and the current rate structure:

For FY 2021-22 the proposed Retail Meter Service Charge is \$12.60 per meter.

For FY 2021-22 the proposed Groundwater Customer Charge is \$571,251.

#### Alternative Rate Structures

As the 2021 Rate Study progresses, the impact of alternative rate structures on the Retail Meter Service Charge, the Groundwater Customer Charge, and any other charges will be summarized in the draft budget. These alternative rate structures will be revenue neutral for MWDOC but may represent significant cost differences for some agencies.

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 for FY 2021-22 are budgeted at \$159,262,425.

### **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. Additional resources for Bay-Delta and Colorado River technical analysis either in the form of consultants or staff
  - There has been a suggestion that MWDOC should become more active and involved with agencies, organizations, and technical issues and reports dealing with the Bay-Delta and Colorado River.
  - MWDOC currently doesn't have the staff resources to increase these activities or depth of analysis and coverage without taking one of three actions.
    - Contract consultant assistance
    - Add a technical staff person
    - Eliminate current functions for an existing technical staff member
  - It is suggested that this activity be discussed at A&F Committee and a decision be made as to what action, if any, should be taken for the second draft budget.
- B. Capital funding of the WEROC South Emergency Operations Center
  - The WEROC Program Assessment has identified different options for improving the South EOC: renovation or new construction.
  - The cost estimates for the two options are conceptual and discussion is ongoing with the WEROC funding agencies and El Toro Water District.
  - Previous Committee discussions seemed to support new construction over renovation but MWDOC's cost share of the building could range from 50% to 100%.
  - A Yes-or-No decision on the project is desired before the final FY 2021-22 budget is passed.

#### **Attachments:**

Attached hereto are MWDOC budget schedule and the detailed budget for this coming fiscal year.



## **Annual Budget for Fiscal Year 2021-22**

**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 2020-2021<br>ADOPTED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | VARIANCE<br>ACTUALS TO<br>BUDGET | FY 2021-2022<br>PROPOSED<br>BUDGET | VARIANCE TO<br>PROJECTED<br>ACTUALS | VARIANCE TO<br>FY 2020-2021<br>BUDGET |
|-----------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|------------------------------------|-------------------------------------|---------------------------------------|
| <b>OPERATING EXPENSES:</b>              |                                   |                                      |                                  |                                    |                                     |                                       |
| Salaries & Wages                        | \$ 3,609,691                      | \$ 3,571,034                         | \$ (38,657)                      | \$ 3,589,065                       | \$ 18,031                           | \$ (20,625)                           |
| Employee Benefits                       | 1,182,786                         | 1,180,004                            | (2,782)                          | 1,191,151                          | 11,146                              | 8,365                                 |
| Director Compensation                   | 258,909                           | 237,059                              | (21,850)                         | 288,800                            | 51,741                              | 29,891                                |
| Director Benefits                       | 101,971                           | 122,925                              | 20,955                           | 128,022                            | 5,097                               | 26,051                                |
| MWD Representation                      | 157,070                           | 127,043                              | (30,027)                         | 165,029                            | 37,986                              | 7,959                                 |
| CALPERS Unfunded Liability Contribution | 207,000                           | 207,000                              | -                                | 207,000                            | -                                   | -                                     |
| Overhead Reimbursement                  | (300,926)                         | (296,267)                            | 4,659                            | (304,857)                          | (8,589)                             | (3,930)                               |
| Health Insurance Coverage for Retirees  | 87,449                            | 80,288                               | (7,161)                          | 101,099                            | 20,811                              | 13,650                                |
| Audit Expense                           | 29,725                            | 20,162                               | (9,563)                          | 30,220                             | 10,058                              | 495                                   |
| Automotive & Toll Road Expenses         | 21,300                            | 2,100                                | (19,200)                         | 17,050                             | 14,950                              | (4,250)                               |
| Conference Expense - Staff              | 26,515                            | 10,000                               | (16,515)                         | 44,560                             | 34,560                              | 18,045                                |
| Conference Expense - Directors          | 18,695                            | 3,735                                | (14,960)                         | 16,845                             | 13,110                              | (1,850)                               |
| Engineering Expense                     | 340,000                           | 574,896                              | 234,896                          | 380,000                            | (194,896)                           | 40,000                                |
| Insurance Expense                       | 110,000                           | 120,000                              | 10,000                           | 130,000                            | 10,000                              | 20,000                                |
| Legal Expense - General                 | 210,500                           | 188,097                              | (22,403)                         | 225,000                            | 36,903                              | 14,500                                |
| Maintenance Expense                     | 131,420                           | 99,000                               | (32,420)                         | 153,400                            | 54,400                              | 21,980                                |
| Membership / Sponsorship                | 127,161                           | 146,944                              | 19,783                           | 143,041                            | (3,903)                             | 15,880                                |
| CDR Participation                       | 53,158                            | 53,158                               | -                                | 65,249                             | 12,091                              | 12,091                                |
| Miscellaneous Expense                   | 103,000                           | 40,446                               | (62,554)                         | 76,381                             | 35,935                              | (26,619)                              |
| Postage / Mail Delivery                 | 8,900                             | 8,306                                | (594)                            | 8,600                              | 294                                 | (300)                                 |
| Professional Fees                       | 996,202                           | 865,065                              | (131,137)                        | 765,859                            | (99,206)                            | (230,343)                             |
| Rents & Leases                          | 1,750                             | 1,200                                | (550)                            | 1,800                              | 600                                 | 50                                    |
| Outside Printing, Subscription & Books  | 84,700                            | 42,005                               | (42,695)                         | 83,700                             | 41,695                              | (1,000)                               |
| Office Supplies                         | 39,000                            | 18,000                               | (21,000)                         | 35,000                             | 17,000                              | (4,000)                               |
| Building Repair & Maintenance           | 15,000                            | 12,500                               | (2,500)                          | 15,000                             | 2,500                               | -                                     |
| Computer Maintenance                    | 8,000                             | 7,200                                | (800)                            | 8,000                              | 800                                 | -                                     |
| Business Expense                        | 4,500                             | 1,500                                | (3,000)                          | 2,500                              | 1,000                               | (2,000)                               |
| Software Support & Expense              | 89,640                            | 81,000                               | (8,640)                          | 91,880                             | 10,880                              | 2,240                                 |
| Computers and Equipment                 | 31,550                            | 31,550                               | -                                | 23,450                             | (8,100)                             | (8,100)                               |
| Telecommunications Expense              | 29,650                            | 35,547                               | 5,897                            | 41,400                             | 5,853                               | 11,750                                |
| Temporary Help Expense                  | 5,000                             | -                                    | (5,000)                          | 5,000                              | 5,000                               | -                                     |
| Training Expense                        | 62,500                            | 60,000                               | (2,500)                          | 50,000                             | (10,000)                            | (12,500)                              |
| Tuition Reimbursement                   | 5,000                             | 1,000                                | (4,000)                          | 5,000                              | 4,000                               | -                                     |

(1)

(2)

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

|                                              | FY 2020-2021<br>ADOPTED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | VARIANCE<br>ACTUALS TO<br>BUDGET | FY 2021-2022<br>PROPOSED<br>BUDGET | VARIANCE TO<br>PROJECTED<br>ACTUALS | VARIANCE TO<br>FY 2020-2021<br>BUDGET |
|----------------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|------------------------------------|-------------------------------------|---------------------------------------|
| <b>OPERATING EXPENSES: continued</b>         |                                   |                                      |                                  |                                    |                                     |                                       |
| Travel & Accommodations - Staff              | 62,495                            | 7,000                                | (55,495)                         | 75,325                             | 68,325                              | 12,830                                |
| Travel & Accommodations - Directors          | 24,900                            | 3,000                                | (21,900)                         | 21,250                             | 18,250                              | (3,650)                               |
| MWDOC's Contribution to WEROC: Operations    | 241,236                           | 241,236                              | -                                | 260,364                            | 19,128                              | 19,128                                |
| Capital Acquisition (excluding building)     | 154,200                           | 345,297                              | 191,097                          | 273,059                            | (72,238)                            | 118,859                               |
| Capital Acquisition to Carryover             | 271,900                           | 5,803                                | (266,097)                        | -                                  | (5,803)                             | (271,900)                             |
| Capital Acq Prior Year Carryover Credit      | (346,900)                         | (271,900)                            | 75,000                           | (5,803)                            | 266,097                             | 341,097                               |
| <b>NORMAL OPERATING EXPENSES</b>             | <b>\$ 8,264,646</b>               | <b>\$ 7,982,933</b>                  | <b>\$ (281,713)</b>              | <b>\$ 8,408,440</b>                | <b>\$ 425,507</b>                   | <b>\$ 143,794</b>                     |
| MWDOC's Building Expense                     | \$ 1,870,000                      | \$ 1,408,884                         | \$ (461,116)                     | \$ 903,089                         | \$ (505,795)                        | \$ (966,911)                          |
| Building Expense to Carryover                | \$ -                              | \$ 461,116                           | \$ 461,116                       | \$ -                               | \$ (461,116)                        | \$ -                                  |
| Building Expense Prior Year Carryover Credit | \$ (1,143,117)                    | \$ (1,143,117)                       | \$ -                             | \$ (461,116)                       | \$ 682,001                          | \$ 682,001                            |
| <b>TOTAL EXPENSES</b>                        | <b>\$ 8,991,529</b>               | <b>\$ 8,709,816</b>                  | <b>\$ (281,713)</b>              | <b>\$ 8,850,413</b>                | <b>\$ 140,597</b>                   | <b>\$ (141,116)</b>                   |

|                              |                     |                     |                     |                     |                   |               |
|------------------------------|---------------------|---------------------|---------------------|---------------------|-------------------|---------------|
| <b>REVENUES:</b>             |                     |                     |                     |                     |                   |               |
| Retail Meter Charge          | \$ 7,837,792        | \$ 7,837,792        | \$ (0)              | \$ 8,100,086        | \$ 262,294        | \$ 262,294    |
| Ground Water Customer Charge | 595,323             | 595,323             | -                   | 571,251             | (24,072)          | (24,072)      |
| Interest Revenue             | 458,000             | 213,000             | (245,000)           | 220,000             | 7,000             | (238,000)     |
| Miscellaneous Income         | 3,000               | 3,000               | -                   | 3,000               | -                 | -             |
| <b>TOTAL REVENUES</b>        | <b>\$ 8,894,116</b> | <b>\$ 8,649,115</b> | <b>\$ (245,000)</b> | <b>\$ 8,894,338</b> | <b>\$ 245,222</b> | <b>\$ 222</b> |

|                                                |                    |                    |                  |                  |                   |                   |
|------------------------------------------------|--------------------|--------------------|------------------|------------------|-------------------|-------------------|
| <b>EFFECT ON RESERVES:</b>                     |                    |                    |                  |                  |                   |                   |
| <b>TOTAL CONTRIBUTION (DRAW) FROM RESERVES</b> | <b>\$ (97,413)</b> | <b>\$ (60,700)</b> | <b>\$ 36,713</b> | <b>\$ 43,925</b> | <b>\$ 104,625</b> | <b>\$ 141,338</b> |

- (1) Total FY2021-2022 Salaries & Wages includes \$0 for intern support
- (2) Total FY2021-2022 Benefits includes \$0 for intern support. Total Benefits also includes a Calpers contribution for full time employees of 10.88% for Classic employees and 7.59% for PEPRA employees. A further assumption is that medical, dental and vision insurance rates will increase by 6% for calendar year 2022.
- (3) Carryover is for work and capital purchases on the building that were budgeted for but not completed and will be carried over to the next year as a carryover credit
- (4) Carryover credit is the cumulative dollars from prior years that was unspent and that will be applied toward work projected to be completed in future years.
- (5) Based on FY20-21 projections and FY21-22 MWDOC designated reserve target, designated reserves will be fully funded.

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

|                                        | FY 2020-2021<br>ADOPTED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | VARIANCE<br>ACTUALS TO<br>BUDGET | FY 2021-2022<br>PROPOSED<br>BUDGET | VARIANCE TO<br>PROJECTED<br>ACTUALS | VARIANCE TO<br>FY 2020-2021<br>BUDGET |
|----------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|------------------------------------|-------------------------------------|---------------------------------------|
| <b>OPERATING EXPENSES:</b>             |                                   |                                      |                                  |                                    |                                     |                                       |
| Salaries & Wages                       | \$ 542,384                        | \$ 534,586                           | \$ (7,797)                       | \$ 547,729                         | \$ 13,143                           | \$ 5,346                              |
| less for Recovery from Grants          | -                                 | (39,927)                             | (39,927)                         | (18,665)                           | 21,262                              | (18,665)                              |
| Employee Benefits                      | 152,599                           | 149,636                              | (2,963)                          | 162,892                            | 13,256                              | 10,293                                |
| Director Compensation                  | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Director Benefits                      | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| MWD Representation                     | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Overhead Reimbursement                 | 300,926                           | 296,267                              | (4,659)                          | 304,857                            | 8,589                               | 3,930                                 |
| Health Insurance Coverage for Retirees | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Audit Expense                          | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Automotive & Toll Road Expenses        | 1,000                             | 100                                  | (900)                            | 200                                | 100                                 | (800)                                 |
| Vehicle Expense                        | 6,350                             | 4,600                                | (1,750)                          | 5,800                              | 1,200                               | (550)                                 |
| Conference Expense - Staff             | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Conference Expense - Directors         | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Engineering Expense                    | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Insurance Expense                      | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Legal Expense - General                | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Maintenance Expense                    | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Membership / Sponsorship               | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Miscellaneous Expense                  | 12,000                            | 9,000                                | (3,000)                          | 12,000                             | 3,000                               | -                                     |
| Postage / Mail Delivery                | 400                               | 400                                  | -                                | 400                                | -                                   | -                                     |
| Professional Fees                      | 585,136                           | 378,734                              | (206,402)                        | 594,758                            | 216,024                             | 9,622                                 |
| Rents & Leases                         | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Outside Printing, Subscription & Books | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Office Supplies                        | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Supplies - Water Loss Control          | 10,000                            | 10,000                               | -                                | 4,000                              | (6,000)                             | (6,000)                               |
| Computer Maintenance                   | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Software Support & Expense             | 15,000                            | -                                    | (15,000)                         | 2,100                              | 2,100                               | (12,900)                              |
| Telecommunications Expense             | 1,200                             | 1,440                                | 240                              | 1,440                              | -                                   | 240                                   |
| Computers and Equipment                | 2,000                             | 1,908                                | (92)                             | -                                  | (1,908)                             | (2,000)                               |
| Temporary Help Expense                 | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Training Expense                       | 2,000                             | 2,000                                | -                                | 2,000                              | -                                   | -                                     |
| Tuition Reimbursement                  | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |

(1)

(2)



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

|                                      | FY 2020-2021<br>ADOPTED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | VARIANCE<br>ACTUALS TO<br>BUDGET | FY 2021-2022<br>PROPOSED<br>BUDGET | VARIANCE TO<br>PROJECTED<br>ACTUALS | VARIANCE TO<br>FY 2020-2021<br>BUDGET |
|--------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|------------------------------------|-------------------------------------|---------------------------------------|
| <b>OPERATING EXPENSES: continued</b> |                                   |                                      |                                  |                                    |                                     |                                       |
| Travel & Accommodations - Staff      | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Travel & Accommodations - Directors  | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Capital Acquisition                  | -                                 | -                                    |                                  | -                                  | -                                   | -                                     |
| Subtotal Expenses                    | \$ 1,630,995                      | \$ 1,348,745                         | \$ (282,250)                     | \$ 1,619,511                       | \$ 270,766                          | 20.08%                                |
| <b>TOTAL EXPENSES</b>                | <b>\$ 1,630,995</b>               | <b>\$ 1,348,745</b>                  | <b>\$ (282,250)</b>              | <b>\$ 1,619,511</b>                | <b>\$ 270,766</b>                   | <b>\$ (11,484)</b>                    |

|                       |                     |                     |                     |                     |                   |                    |
|-----------------------|---------------------|---------------------|---------------------|---------------------|-------------------|--------------------|
| <b>REVENUES:</b>      |                     |                     |                     |                     |                   |                    |
| Choice Revenue        | \$ 1,630,995        | \$ 1,348,745        | \$ (282,250)        | \$ 1,619,511        | \$ 270,766        | \$ (11,484)        |
| <b>TOTAL REVENUES</b> | <b>\$ 1,630,995</b> | <b>\$ 1,348,745</b> | <b>\$ (282,250)</b> | <b>\$ 1,619,511</b> | <b>\$ 270,766</b> | <b>\$ (11,484)</b> |

- (1) Total FY2021-2022 Salaries & Wages includes \$51,378 for intern support
- (2) Total FY2021-2022 Benefits includes \$5,052 for intern support. Total Benefits also includes a Calpers contribution for full time employees of 10.88% for Classic employees and 7.59% for PEPRAs Calpers employees. A further assumption is that medical, dental and vision insurance rates will increase by 6% for calendar year 2022.

**Exhibit A4**  
**SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS**  
**CONSOLIDATED**

|                                         | FY 2020-2021<br>ADOPTED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | VARIANCE<br>ACTUALS TO<br>BUDGET | FY 2021-2022<br>PROPOSED<br>BUDGET | VARIANCE TO<br>PROJECTED<br>ACTUALS | VARIANCE TO<br>FY 2020-2021<br>BUDGET |     |
|-----------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----|
| <b>OPERATING EXPENSES:</b>              |                                   |                                      |                                  |                                    |                                     |                                       |     |
| Salaries & Wages                        | \$ 4,152,075                      | \$ 4,105,620                         | \$ (46,454)                      | \$ 4,136,795                       | \$ 31,174                           | \$ (15,280)                           | (1) |
| less for Recovery from Grants           | -                                 | (39,927)                             | (39,927)                         | (18,665)                           | 21,262                              | (18,665)                              |     |
| Employee Benefits                       | 1,335,385                         | 1,329,640                            | (5,744)                          | 1,354,043                          | 24,402                              | 18,658                                | (2) |
| Director Compensation                   | 258,909                           | 237,059                              | (21,850)                         | 288,800                            | 51,741                              | 29,891                                |     |
| Director Benefits                       | 101,971                           | 122,925                              | 20,955                           | 128,022                            | 5,097                               | 26,051                                |     |
| MWD Representation                      | 157,070                           | 127,043                              | (30,027)                         | 165,029                            | 37,986                              | 7,959                                 |     |
| CALPERS Unfunded Liability Contribution | 207,000                           | 207,000                              | -                                | 207,000                            | -                                   | -                                     |     |
| Overhead Reimbursement                  | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |     |
| Health Insurance Coverage for Retirees  | 87,449                            | 80,288                               | (7,161)                          | 101,099                            | 20,811                              | 13,650                                |     |
| Audit Expense                           | 29,725                            | 20,162                               | (9,563)                          | 30,220                             | 10,058                              | 495                                   |     |
| Automotive & Toll Road Expenses         | 22,300                            | 2,200                                | (20,100)                         | 17,250                             | 15,050                              | (5,050)                               |     |
| Vehicle Expense - Water Loss Control    | 6,350                             | 4,600                                | (1,750)                          | 5,800                              | 1,200                               | (550)                                 |     |
| Conference Expense - Staff              | 26,515                            | 10,000                               | (16,515)                         | 44,560                             | 34,560                              | 18,045                                |     |
| Conference Expense - Directors          | 18,695                            | 3,735                                | (14,960)                         | 16,845                             | 13,110                              | (1,850)                               |     |
| Engineering Expense                     | 340,000                           | 574,896                              | 234,896                          | 380,000                            | (194,896)                           | 40,000                                |     |
| Insurance Expense                       | 110,000                           | 120,000                              | 10,000                           | 130,000                            | 10,000                              | 20,000                                |     |
| Legal Expense - General                 | 210,500                           | 188,097                              | (22,403)                         | 225,000                            | 36,903                              | 14,500                                |     |
| Maintenance Expense                     | 131,420                           | 99,000                               | (32,420)                         | 153,400                            | 54,400                              | 21,980                                |     |
| Membership / Sponsorship                | 127,161                           | 146,944                              | 19,783                           | 143,041                            | (3,903)                             | 15,880                                |     |
| CDR Participation                       | 53,158                            | 53,158                               | -                                | 65,249                             | 12,091                              | 12,091                                |     |
| Miscellaneous Expense                   | 115,000                           | 49,446                               | (65,554)                         | 88,381                             | 38,935                              | (26,619)                              |     |
| Postage / Mail Delivery                 | 9,300                             | 8,706                                | (594)                            | 9,000                              | 294                                 | (300)                                 |     |
| Professional Fees                       | 1,581,338                         | 1,243,799                            | (337,539)                        | 1,360,617                          | 116,818                             | (220,721)                             |     |
| Rents & Leases                          | 1,750                             | 1,200                                | (550)                            | 1,800                              | 600                                 | 50                                    |     |
| Outside Printing, Subscription & Books  | 84,700                            | 42,005                               | (42,695)                         | 83,700                             | 41,695                              | (1,000)                               |     |
| Office Supplies                         | 39,000                            | 18,000                               | (21,000)                         | 35,000                             | 17,000                              | (4,000)                               |     |
| Supplies - Water Loss Control           | 10,000                            | 10,000                               | -                                | 4,000                              | (6,000)                             | (6,000)                               |     |
| Building Repair & Maintenance           | 15,000                            | 12,500                               | (2,500)                          | 15,000                             | 2,500                               | -                                     |     |
| Computer Maintenance                    | 8,000                             | 7,200                                | (800)                            | 8,000                              | 800                                 | -                                     |     |
| Business Expense                        | 4,500                             | 1,500                                | (3,000)                          | 2,500                              | 1,000                               | (2,000)                               |     |
| Software Support & Expense              | 104,640                           | 81,000                               | (23,640)                         | 93,980                             | 12,980                              | (10,660)                              |     |
| Computers and Equipment                 | 33,550                            | 33,458                               | (92)                             | 23,450                             | (10,008)                            | (10,100)                              |     |
| Telecommunications Expense              | 30,850                            | 36,987                               | 6,137                            | 42,840                             | 5,853                               | 11,990                                |     |
| Temporary Help Expense                  | 5,000                             | -                                    | (5,000)                          | 5,000                              | 5,000                               | -                                     |     |
| Training Expense                        | 64,500                            | 62,000                               | (2,500)                          | 52,000                             | (10,000)                            | (12,500)                              |     |
| Tuition Reimbursement                   | 5,000                             | 1,000                                | (4,000)                          | 5,000                              | 4,000                               | -                                     |     |

**Exhibit A4**  
**SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS**  
**CONSOLIDATED**

|                                              | FY 2020-2021<br>ADOPTED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | VARIANCE<br>ACTUALS TO<br>BUDGET | FY 2021-2022<br>PROPOSED<br>BUDGET | VARIANCE TO<br>PROJECTED<br>ACTUALS | VARIANCE TO<br>FY 2020-2021<br>BUDGET |
|----------------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|------------------------------------|-------------------------------------|---------------------------------------|
| <b>OPERATING EXPENSES: continued</b>         |                                   |                                      |                                  |                                    |                                     |                                       |
| Travel & Accommodations - Staff              | 62,495                            | 7,000                                | (55,495)                         | 75,325                             | 68,325                              | 12,830                                |
| Travel & Accommodations - Directors          | 24,900                            | 3,000                                | (21,900)                         | 21,250                             | 18,250                              | (3,650)                               |
| MWDOC's Contribution to WEROC: Operations    | 241,236                           | 241,236                              | -                                | 260,364                            | 19,128                              | 19,128                                |
| and to WEROC Capital Improvements            | -                                 | -                                    | -                                | -                                  | -                                   | -                                     |
| Capital Acquisition (excluding building)     | 154,200                           | 345,297                              | 191,097                          | 273,059                            | (72,238)                            | 118,859                               |
| Capital Acquisition to Carryover             | 271,900                           | 5,803                                | (266,097)                        | -                                  | (5,803)                             | (271,900)                             |
| Capital Acq Prior Year Carryover Credit      | (346,900)                         | (271,900)                            | 75,000                           | (5,803)                            | 266,097                             | 341,097                               |
| <b>NORMAL OPERATING EXPENSES</b>             | <b>\$ 9,895,641</b>               | <b>\$ 9,331,678</b>                  | <b>\$ (563,963)</b>              | <b>\$ 10,027,950</b>               | <b>\$ 696,273</b>                   | <b>\$ 132,310</b>                     |
| MWDOC's Building Expense                     | \$ 1,870,000                      | \$ 1,408,884                         | \$ (461,116)                     | \$ 903,089                         | \$ (505,795)                        | \$ (966,911)                          |
| Building Expense to Carryover                | \$ -                              | \$ 461,116                           | \$ 461,116                       | \$ -                               | \$ (461,116)                        | \$ -                                  |
| Building Expense Prior Year Carryover Credit | \$ (1,143,117)                    | \$ (1,143,117)                       | \$ -                             | \$ (461,116)                       | \$ 682,001                          | \$ 682,001                            |
| <b>TOTAL EXPENSES</b>                        | <b>\$ 10,622,524</b>              | <b>\$ 10,058,561</b>                 | <b>\$ (563,963)</b>              | <b>\$ 10,469,923</b>               | <b>\$ 411,363</b>                   | <b>\$ (152,600)</b>                   |

(3)

(4)

(3)

(4)

|                              |                      |                     |                     |                      |                   |                    |
|------------------------------|----------------------|---------------------|---------------------|----------------------|-------------------|--------------------|
| <b>REVENUES:</b>             |                      |                     |                     |                      |                   |                    |
| Retail Meter Charge          | \$ 7,837,792         | \$ 7,837,792        | \$ (0)              | \$ 8,100,086         | \$ 262,294        | \$ 262,294         |
| Ground Water Customer Charge | 595,323              | 595,323             | -                   | 571,251              | (24,072)          | (24,072)           |
| Interest Revenue             | 458,000              | 213,000             | (245,000)           | 220,000              | 7,000             | (238,000)          |
| Miscellaneous Income         | 3,000                | 3,000               | -                   | 3,000                | -                 | -                  |
| Choice Revenue               | 1,630,995            | 1,348,745           | (282,250)           | 1,619,511            | 270,766           | (11,484)           |
| <b>TOTAL REVENUES</b>        | <b>\$ 10,525,111</b> | <b>\$ 9,997,860</b> | <b>\$ (527,250)</b> | <b>\$ 10,513,848</b> | <b>\$ 515,988</b> | <b>\$ (11,262)</b> |

|                                                |                    |                    |                  |                  |                   |                   |
|------------------------------------------------|--------------------|--------------------|------------------|------------------|-------------------|-------------------|
| <b>EFFECT ON RESERVES:</b>                     |                    |                    |                  |                  |                   |                   |
| <b>TOTAL CONTRIBUTION (DRAW) FROM RESERVES</b> | <b>\$ (97,413)</b> | <b>\$ (60,700)</b> | <b>\$ 36,713</b> | <b>\$ 43,925</b> | <b>\$ 104,625</b> | <b>\$ 141,338</b> |

(5)

- (1) Total FY2021-2022 Salaries & Wages includes \$51,378 for intern support
- (2) Total FY2021-2022 Benefits includes \$5,052 for intern support. Total Benefits also includes a Calpers contribution for full time employees of 10.88% for Classic employees and 7.59% for PEPRA Calpers employees. A further assumption is that medical, dental and vision insurance rates will increase by 6% for calendar year 2022.
- (3) Carryover is for work and capital purchases on the building that were budgeted for but not completed and will be carried over to the next year as a carryover credit
- (4) Carryover credit is the cumulative dollars from prior years that was unspent and that will be applied toward work projected to be completed in future years.
- (5) Based on FY20-21 projections and FY21-22 MWDOC designated reserve target, designated reserves will be fully funded.

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

|                                   | FY 2020-2021<br>ADOPTED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | VARIANCE<br>ACTUALS TO<br>BUDGET | FY 2021-2022<br>PROPOSED<br>BUDGET | VARIANCE TO<br>PROJECTED<br>ACTUALS | VARIANCE TO<br>FY 2020-2021<br>BUDGET |
|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------------|------------------------------------|-------------------------------------|---------------------------------------|
| <b>Water Revenues</b>             |                                   |                                      | (1)                              |                                    |                                     | (2)                                   |
| Water Sales                       | \$ 213,288,586                    | \$ 132,313,277                       | \$ (80,975,309)                  | \$ 159,262,425                     | \$ 26,949,149                       | \$ (54,026,161)                       |
| Local Resource Program Incentives | (4,881,259)                       | (4,106,624)                          | 774,635                          | (4,136,088)                        | (29,464)                            | 745,171                               |
| Readiness-To-Serve Charge         | 11,583,326                        | 11,110,718                           | (472,608)                        | 11,142,354                         | 31,636                              | (440,972)                             |
| Capacity Charge                   | 3,892,240                         | 4,312,425                            | 420,185                          | 4,732,610                          | 420,185                             | 840,370                               |
| Interest Revenue - Tier 2 Cont.   | 22,000                            | 10,000                               | (12,000)                         | 10,500                             | 500                                 | (11,500)                              |
| SCP/SAC Pipeline Surcharge        | 315,000                           | 312,432                              | (2,568)                          | 315,000                            | 2,568                               | -                                     |
| <b>TOTAL WATER REVENUES</b>       | <b>\$ 224,219,893</b>             | <b>\$ 143,952,228</b>                | <b>\$ (80,267,665)</b>           | <b>\$ 171,326,801</b>              | <b>\$ 27,374,573</b>                | <b>\$ (52,893,092)</b>                |
| <b>Water Expenses</b>             |                                   |                                      |                                  |                                    |                                     |                                       |
| Water Purchases                   | \$ 213,288,586                    | \$ 132,313,277                       | \$ (80,975,309)                  | \$ 159,262,425                     | \$ 26,949,149                       | \$ (54,026,161)                       |
| Local Resource Program Incentives | (4,881,259)                       | (4,106,624)                          | 774,635                          | (4,136,088)                        | (29,464)                            | 745,171                               |
| Readiness-To-Serve Charge         | 11,583,326                        | 11,110,718                           | (472,608)                        | 11,142,354                         | 31,636                              | (440,972)                             |
| Capacity Charge                   | 3,892,240                         | 4,312,425                            | 420,185                          | 4,732,610                          | 420,185                             | 840,370                               |
| SCP/SAC Pipeline Surcharge        | 315,000                           | 312,432                              | (2,568)                          | 315,000                            | 2,568                               | -                                     |
| <b>TOTAL WATER EXPENSES</b>       | <b>\$ 224,197,893</b>             | <b>\$ 143,942,228</b>                | <b>\$ (80,255,665)</b>           | <b>\$ 171,316,301</b>              | <b>\$ 27,374,073</b>                | <b>\$ (52,881,592)</b>                |
| <b>Changes to Fund Balance:</b>   |                                   |                                      |                                  |                                    |                                     |                                       |
| Tier 2 Contingency                | \$ 22,000                         | \$ 10,000                            | \$ (12,000)                      | \$ 10,500                          | \$ 500                              | \$ (11,500)                           |

(1) The large variance between FY2020-21 Adopted Budget and Project Actuals is due to the below average treated water demands of MWDOC's retail agencies. Low treated water demands can be attributed to more retail agency local water production and low consumptive water demand, mainly attributed to the COVID-19 economic downturn.

(2) Proposed Budget sales for FY2021-22 are estimated to be below last year's Adopted Budget as a result of low treated water demands due to increased retail agency local water production and low consumptive water demand, mainly attributed to the COVID-19 economic downturn.

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

|                                                     | FY 2020-2021<br>ADOPTED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | VARIANCE<br>ACTUALS TO<br>BUDGET | FY 2021-2022<br>PROPOSED<br>BUDGET | VARIANCE TO<br>PROJECTED<br>ACTUALS | VARIANCE TO<br>FY 2019-2020<br>BUDGET |
|-----------------------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|------------------------------------|-------------------------------------|---------------------------------------|
| <b>Funding</b>                                      |                                   |                                      |                                  |                                    |                                     |                                       |
| Metropolitan Water District                         | \$ 788,114                        | \$ 1,177,270                         | \$ 389,156                       | \$ 1,459,112                       | \$ 281,843                          | \$ 670,999                            |
| USBR                                                | 175,604                           | 211,100                              | 35,496                           | 162,020                            | (49,081)                            | (13,584)                              |
| DWR                                                 | 457,586                           | 571,980                              | 114,394                          | 708,233                            | 136,253                             | 250,647                               |
| Member Agencies                                     | 123,630                           | 262,205                              | 138,575                          | 239,387                            | (22,818)                            | 115,757                               |
| MWDOC                                               | 35,000                            | 35,000                               | (0)                              | 50,000                             | 15,000                              | 15,000                                |
| <b>TOTAL OUTSIDE FUNDING</b>                        | <b>\$ 1,579,934</b>               | <b>\$ 2,257,555</b>                  | <b>\$ 677,621</b>                | <b>\$ 2,618,752</b>                | <b>\$ 361,197</b>                   | <b>\$ 1,038,818</b>                   |
| <b>Program Expenses Funded from Outside Sources</b> |                                   |                                      |                                  |                                    |                                     |                                       |
| Installation Verification                           | 59,000                            | 62,692                               | 3,692                            | 68,600                             | 5,908                               | 9,600                                 |
| Rebate Incentives                                   | 1,196,934                         | 1,926,268                            | 729,334                          | 2,252,822                          | 326,554                             | 1,055,888                             |
| <b>TOTAL PROGRAMS EXPENSES</b>                      | <b>\$ 1,579,934</b>               | <b>\$ 2,257,555</b>                  | <b>\$ 677,621</b>                | <b>\$ 2,618,752</b>                | <b>\$ 361,197</b>                   | <b>\$ 1,038,818</b>                   |

**Exhibit B**  
**Expenditures by Program**

| Cost Center                    | PROGRAM                              | FY 2020-2021<br>BUDGET<br>FTE | FY 2021-2022<br>BUDGET<br>FTE | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|--------------------------------|--------------------------------------|-------------------------------|-------------------------------|------------------------|--------------------------------------|------------------------------------|
| 11                             | Administrative - Board               | 1.67                          | 1.65                          | \$ 1,173,230           | \$ 1,037,923                         | \$ 1,245,683                       |
| 12                             | Administrative - General             | 3.75                          | 3.85                          | 695,341                | 656,142                              | 781,454                            |
| 13                             | Personnel / Staff Development        | 1.56                          | 1.73                          | 427,047                | 396,491                              | 399,509                            |
| 19                             | Overhead                             | 4.43                          | 4.13                          | 1,068,235              | 1,011,959                            | 1,353,715                          |
| 21                             | Reliability Planning and Engineering | 3.62                          | 2.63                          | 941,736                | 1,081,194                            | 699,565                            |
| 23                             | Metropolitan Issues and Water Policy | 3.76                          | 3.96                          | 777,165                | 789,692                              | 955,424                            |
| 31                             | Governmental Affairs                 | 0.97                          | 0.84                          | 514,960                | 457,556                              | 491,209                            |
| 35                             | Water Use Efficiency (Core)          | 1.04                          | 0.93                          | 461,443                | 464,143                              | 358,610                            |
| 32                             | Public Affairs                       | 4.45                          | 4.27                          | 910,703                | 822,677                              | 957,592                            |
| 41                             | Finance                              | 3.55                          | 3.39                          | 673,518                | 656,629                              | 586,331                            |
| 45                             | Information Technology               | 1.01                          | 0.98                          | 380,031                | 367,291                              | 318,983                            |
| 25                             | MWDOC's Contribution to WEROC        | 3.20                          | 3.11                          | 241,236                | 241,236                              | 260,364                            |
| <b>CORE TOTAL</b>              |                                      | <b>33.01</b>                  | <b>31.49</b>                  | <b>\$ 8,264,646</b>    | <b>\$ 7,982,933</b>                  | <b>\$ 8,408,440</b>                |
| 62                             | Water Use Efficiency Program         | 4.85                          | 4.90                          | 900,920                | 850,428                              | 915,132                            |
| 63                             | School Programs                      | 0.06                          | 0.05                          | 406,606                | 210,974                              | 412,992                            |
| 70                             | Water Loss Control                   | 1.83                          | 1.39                          | 323,469                | 287,343                              | 291,387                            |
| <b>CHOICE TOTAL</b>            |                                      | <b>6.74</b>                   | <b>6.34</b>                   | <b>\$ 1,630,995</b>    | <b>\$ 1,348,745</b>                  | <b>\$ 1,619,511</b>                |
| <b>CORE &amp; CHOICE TOTAL</b> |                                      | <b>39.75</b>                  | <b>37.83</b>                  | <b>\$ 9,895,641</b>    | <b>\$ 9,331,678</b>                  | <b>\$ 10,027,950</b>               |
| Includes:                      | Full-time employees                  | 33.00                         | 32.25                         | (2)                    |                                      |                                    |
|                                | Part-time employees                  | 1.15                          | 1.03                          |                        |                                      |                                    |
|                                | Interns                              | 2.39                          | 1.44                          |                        |                                      |                                    |
|                                | WEROC Full-time employees            | 2.72                          | 3.11                          |                        |                                      |                                    |
|                                | WEROC Part-time employees            | 0.49                          |                               |                        |                                      |                                    |

(1)

(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 2020-2021 are calculated based on 2088 hours of work for the year. FTE's for 2021-2022 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 35 full-time employees, 2 part-time employee and 3 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 of one FTE overall is due to an employee retiring from the Finance Department.



**Municipal Water District of Orange County**  
**2021-2022 FISCAL MASTER PLAN PROJECTIONS**

(in thousands)

|                                                                            | Projected<br>ACTUALS<br>FY20-21 | BUDGET<br>FY21-22 | FY22-23  | FY23-24  | FY24-25  | FY25-26  | FY26-27  |
|----------------------------------------------------------------------------|---------------------------------|-------------------|----------|----------|----------|----------|----------|
| Beginning Designated Reserve Balance - MWDOC                               | \$7,305                         | \$ 7,971          | \$ 7,971 | \$ 8,206 | \$ 8,206 | \$ 8,795 | \$ 9,453 |
| OPEB Reserve                                                               | 297                             | 297               | 297      | 297      | 297      | 297      | 297      |
| Adjusted Reserve Balance                                                   | 7,008                           | 7,674             | 7,674    | 7,909    | 7,909    | 8,498    | 9,156    |
| <b>Revenues</b>                                                            |                                 |                   |          |          |          |          |          |
| Water Rate Revenues:                                                       |                                 |                   |          |          |          |          |          |
| Retail Meter Agency Charge                                                 | 7,838                           | 8,100             | 8,336    | 8,554    | 8,776    | 9,014    | 9,237    |
| Ground Water Customer Charge                                               | 595                             | 571               | 578      | 585      | 592      | 599      | 606      |
| Subtotal                                                                   | 8,433                           | 8,671             | 8,914    | 9,139    | 9,368    | 9,613    | 9,843    |
| Other Revenues:                                                            |                                 |                   |          |          |          |          |          |
| Choice Revenues                                                            | 1,349                           | 1,620             | 1,639    | 1,659    | 1,679    | 1,699    | 1,719    |
| Interest Earnings                                                          | 213                             | 220               | 97       | 98       | 197      | 203      | 273      |
| Misc./Reimbursements                                                       | 3                               | 3                 | 3        | 3        | 3        | 3        | 3        |
| Subtotal                                                                   | 1,565                           | 1,843             | 1,739    | 1,760    | 1,879    | 1,905    | 1,995    |
| <b>Total Revenues</b>                                                      | 9,998                           | 10,514            | 10,653   | 10,899   | 11,247   | 11,518   | 11,838   |
| <b>Expenses</b>                                                            |                                 |                   |          |          |          |          |          |
| Core Expenses                                                              | 7,904                           | 8,141             | 8,239    | 8,338    | 8,438    | 8,539    | 8,642    |
| Choice Expenses                                                            | 1,349                           | 1,620             | 1,639    | 1,659    | 1,679    | 1,699    | 1,719    |
| Capital Acquisitions (not including building)                              | 79                              | 267               | 20       | 20       | 20       | 20       | 20       |
| <b>Total Expenses w/o Building &amp; Election</b>                          | 9,332                           | 10,028            | 9,898    | 10,016   | 10,136   | 10,258   | 10,381   |
| <b>Revenue Over Expenses w/o Building &amp; Election</b>                   | 666                             | 486               | 755      | 882      | 1,111    | 1,260    | 1,458    |
| <b>ELECTION Reserve Beginning Balance</b>                                  | 1,333                           | 285               | 285      | -        | 521      | -        | 521      |
| <b>Annual Election Reserve Contribution</b>                                | -                               | -                 | 521      | 521      | 521      | 521      | 521      |
| <b>Annual Election Expense</b>                                             | 1,048                           | -                 | 1,000    | -        | 1,333    | -        | 1,000    |
| <b>Election Reserve Ending Balance</b>                                     | 285                             | 285               | -        | 521      | -        | 521      | 42       |
| <b>BUILDING Reserve Beginning Balance</b>                                  | 437                             | -                 | 44       | -        | 351      | 341      | 413      |
| <b>Annual Building Reserve Contribution</b>                                | -                               | 486               | -        | 361      | -        | 82       | -        |
| <b>Annual Building Expense</b>                                             | 727                             | 442               | 200      | 10       | 10       | 10       | 10       |
| <b>BUILDING Reserve Ending Balance</b>                                     | -                               | 44                | -        | 351      | 341      | 413      | 403      |
| <b>CASH FLOW Reserve Beginning Balance</b>                                 | 1,500                           | 1,500             | 1,500    | 1,500    | 1,500    | 1,500    | 1,500    |
| <b>Annual Cash Flow Reserve Contribution</b>                               | -                               | -                 | -        | -        | -        | -        | -        |
| <b>Cash Flow Reserve Ending Balance</b>                                    | 1,500                           | 1,500             | 1,500    | 1,500    | 1,500    | 1,500    | 1,500    |
| <b>Adjustments to the General Fund Reserve</b>                             | -                               | -                 | -        | -        | -        | -        | -        |
| <b>Ending General Fund &amp; Cash Flow Reserves</b>                        | \$ 7,389                        | \$ 7,345          | \$ 7,909 | \$ 7,036 | \$ 8,157 | \$ 8,222 | \$ 9,648 |
| Document does not reflect MWDOC's irrevocable trust towards OPEB liability |                                 |                   |          |          |          |          |          |
| <b>MWDOC Water Rates</b>                                                   |                                 |                   |          |          |          |          |          |
| Total Retail Customer Meters                                               | 642,442                         | 642,864           | 646,211  | 648,010  | 650,101  | 653,200  | 655,100  |
| OCWD BPP %                                                                 | 75%                             | 75%               | 75%      | 75%      | 75%      | 75%      | 75%      |
| <b>Increment Rate</b>                                                      | \$ -                            | \$ -              | \$ -     | \$ -     | \$ -     | \$ -     | \$ -     |
| <b>Connection Charge</b>                                                   | \$ 12.20                        | \$ 12.60          | \$ 12.90 | \$ 13.20 | \$ 13.50 | \$ 13.80 | \$ 14.10 |
| Fixed Charge %                                                             |                                 | 100%              | 100%     | 100%     | 100%     | 100%     | 100%     |
| <b>Rate Increase Proposal:</b>                                             |                                 |                   |          |          |          |          |          |
| Increment Rate                                                             | \$ -                            | \$ -              | \$ -     | \$ -     | \$ -     | \$ -     | \$ -     |
| Connection Charge                                                          | \$ 0.40                         | \$ 0.30           | \$ 0.30  | \$ 0.30  | \$ 0.30  | \$ 0.30  | \$ 0.30  |

1 Assumptions for FMP:

Inflation factor:

1.20% per year

Rate of return on Investment of portfolio:

0.91% per year

**Working Capital and Interest Revenue Projections**

|                                           | FY20-21 | FY21-22 | FY22-23 | FY23-24 | FY24-25 |
|-------------------------------------------|---------|---------|---------|---------|---------|
| <b>Working Capital:</b>                   |         |         |         |         |         |
| Designated Reserve Fund                   | 7,971   | 8,206   | 8,206   | 8,795   | 9,453   |
| General Fund Float                        | 8,000   | 8,000   | 8,000   | 8,000   | 8,000   |
| WUE use of fund                           | (400)   | (400)   | (400)   | (400)   | (400)   |
| Water Payment Float                       | 3,850   | 3,875   | 3,900   | 3,925   | 3,950   |
| Average Working Capital                   | 19,421  | 19,681  | 19,706  | 20,320  | 21,003  |
| Interest rate                             | 0.50%   | 0.50%   | 1.00%   | 1.00%   | 1.30%   |
| <b>Interest Revenue Projections:</b>      |         |         |         |         |         |
| Interest income - General                 | 97      | 98      | 197     | 203     | 273     |
| <b>Total Interest Revenue Projections</b> | 97      | 98      | 197     | 203     | 273     |

## Total Core Expenses

|      |                                         | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|-----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin                | 3,609,691              | 3,571,034                            | 3,589,065                          |
| 6090 | Directors Compensation - MWDOC          | 258,909                | 237,059                              | 288,800                            |
| 6095 | Directors Compensation - MWD            | 157,070                | 127,043                              | 165,029                            |
| 6105 | Benefits - Admin                        | 1,182,786              | 1,180,004                            | 1,191,151                          |
| 6109 | CALPERS Unfunded Liability Contribution | 207,000                | 207,000                              | 207,000                            |
| 6111 | Overhead Reimbursement                  | (300,926)              | (296,267)                            | (304,857)                          |
| 6115 | Benefits - Directors                    | 101,971                | 122,925                              | 128,022                            |
| 6120 | Health Insurance Coverage for Retirees  | 87,449                 | 80,288                               | 101,099                            |
| 6205 | Training                                | 62,500                 | 60,000                               | 50,000                             |
| 6210 | Tuition Reimbursement                   | 5,000                  | 1,000                                | 5,000                              |
| 6220 | Temporary Help                          | 5,000                  | -                                    | 5,000                              |
| 7010 | Engineering - Outside Services          | 340,000                | 574,896                              | 380,000                            |
| 7020 | Legal - General                         | 210,500                | 188,097                              | 225,000                            |
| 7030 | Audit                                   | 29,725                 | 20,162                               | 30,220                             |
| 7040 | Other Professional Fees                 | 996,202                | 865,065                              | 765,859                            |
| 7110 | Conference - Employee                   | 26,515                 | 10,000                               | 44,560                             |
| 7115 | Conference - Directors                  | 18,695                 | 3,735                                | 16,845                             |
| 7150 | Travel & Accommodations - Employee      | 62,495                 | 7,000                                | 75,325                             |
| 7155 | Travel & Accommodations - Director      | 24,900                 | 3,000                                | 21,250                             |
| 7210 | Membership / Sponsorship                | 127,161                | 146,944                              | 143,041                            |
| 7250 | CDR Participation                       | 53,158                 | 53,158                               | 65,249                             |
| 7305 | Business Expense                        | 4,500                  | 1,500                                | 2,500                              |
| 7310 | Office Maintenance                      | 125,420                | 95,000                               | 147,400                            |
| 7315 | Building Repair & Maintenance           | 15,000                 | 12,500                               | 15,000                             |
| 7320 | Rents & Leases                          | 1,750                  | 1,200                                | 1,800                              |
| 7330 | Office Supplies                         | 39,000                 | 18,000                               | 35,000                             |
| 7340 | Postal / Mail Delivery                  | 8,900                  | 8,306                                | 8,600                              |
| 7350 | Subscriptions / Books                   | 1,000                  | 800                                  | 1,000                              |
| 7360 | Reproduction Expense                    | 83,700                 | 41,205                               | 82,700                             |
| 7410 | Computer & Peripherals Maint            | 8,000                  | 7,200                                | 8,000                              |
| 7430 | Software Purchase                       | 42,000                 | 38,000                               | 43,240                             |
| 7440 | Software Support                        | 47,640                 | 43,000                               | 48,640                             |
| 7540 | Computers and Equipment                 | 31,550                 | 31,550                               | 23,450                             |
| 7580 | Maintenance Expense                     | 6,000                  | 4,000                                | 6,000                              |
| 7610 | Automotive / Mileage                    | 20,000                 | 1,900                                | 16,000                             |
| 7615 | Toll Road Charges                       | 1,300                  | 200                                  | 1,050                              |
| 7620 | Insurance Expense                       | 110,000                | 120,000                              | 130,000                            |
| 7640 | Utilities - Telephone                   | 29,650                 | 35,547                               | 41,400                             |
| 7650 | Bank Fees                               | 1,200                  | 2,700                                | 3,200                              |
| 7670 | Miscellaneous Expenses                  | 101,800                | 37,746                               | 73,181                             |
| 8810 | Capital Acquisition                     | 154,200                | 345,297                              | 273,059                            |
|      | <b>Total Expenditure</b>                | <b>8,098,410</b>       | <b>8,007,794</b>                     | <b>8,153,879</b>                   |
|      | MWDOC's Contribution to WEROC Oper      | 241,236                | 241,236                              | 260,364                            |
|      | Capital Acquisition to Carryover (8810) | 271,900                | 5,803                                | -                                  |
|      | Capitol Acq Prior Year Carryover Credit | (346,900)              | (271,900)                            | (5,803)                            |
|      | MWDOC's Building Expense (8811)         | 1,870,000              | 1,408,884                            | 903,089                            |
|      | Building Expense to Carryover           | -                      | 461,116                              | -                                  |
|      | Building Prior Year Carryover Credit    | (1,143,117)            | (1,143,117)                          | (461,116)                          |
|      |                                         | <u>8,991,529</u>       | <u>8,709,816</u>                     | <u>8,850,413</u>                   |

## Total Choice Revenue and Expense

|      |                           | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|---------------------------|------------------------|--------------------------------------|------------------------------------|
|      | Choice Revenue            | 1,234,354              | 1,234,354                            | 1,619,511                          |
| 4205 | School Contracts          | 120,376                | 120,376                              | -                                  |
| 4705 | Prior Year Carry Over     | 276,265                | 276,265                              | -                                  |
|      |                           | -                      | -                                    | -                                  |
|      | Choice billing over/under | -                      | (282,250)                            | -                                  |
|      |                           | -                      | -                                    | -                                  |
|      |                           | -                      | -                                    | -                                  |
|      |                           | -                      | -                                    | -                                  |
|      |                           | -                      | -                                    | -                                  |
|      | <b>Total Revenue</b>      | 1,630,995              | 1,348,745                            | 1,619,511                          |

|      |                                           | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|-------------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin                  | 542,384                | 534,586                              | 547,729                            |
|      | S & B Reimb. DSC or Recov from Grants     | -                      | (39,927)                             | (18,665)                           |
| 6090 | Directors Compensation - MWDOC            | -                      | -                                    | -                                  |
| 6095 | Directors Compensation - MWD              | -                      | -                                    | -                                  |
| 6105 | Benefits - Admin                          | 152,599                | 149,636                              | 162,892                            |
|      | Overhead Reimbursement                    | 300,926                | 296,267                              | 304,857                            |
| 6115 | Benefits - Directors                      | -                      | -                                    | -                                  |
| 6120 | Health Insurance Coverage for Retirees    | -                      | -                                    | -                                  |
| 6205 | Training                                  | 2,000                  | 2,000                                | 2,000                              |
| 6210 | Tuition Reimbursement                     | -                      | -                                    | -                                  |
| 6220 | Temporary Help                            | -                      | -                                    | -                                  |
| 7010 | Engineering - Outside Services            | -                      | -                                    | -                                  |
| 7020 | Legal - General                           | -                      | -                                    | -                                  |
| 7030 | Audit                                     | -                      | -                                    | -                                  |
| 7040 | Other Professional Fees                   | 190,373                | 178,734                              | 192,100                            |
|      | Other Professional Fees - School Programs | 394,763                | 200,000                              | 402,658                            |
| 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             | 10,000                 | 10,000                               | 4,000                              |
| 7340 | Postal / Mail Delivery                    | 400                    | 400                                  | 400                                |
| 7350 | Subscriptions/Books                       | -                      | -                                    | -                                  |
| 7360 | Reproduction Expense                      | -                      | -                                    | -                                  |
| 7410 | Computer & Peripherals Maint              | -                      | -                                    | -                                  |
| 7430 | Software Purchase                         | 15,000                 | -                                    | 2,100                              |
| 7440 | Software Support                          | -                      | -                                    | -                                  |
| 7540 | Computers and Equipment                   | 2,000                  | -                                    | -                                  |
| 7580 | Maintenance Expense                       | -                      | -                                    | -                                  |
| 7610 | Automotive / Mileage                      | -                      | -                                    | -                                  |
| 7612 | Vehicle Expense                           | 6,350                  | 4,600                                | 5,800                              |
| 7615 | Toll Road Charges                         | 1,000                  | 100                                  | 200                                |
| 7620 | Insurance Expense                         | -                      | -                                    | -                                  |
| 7640 | Utilities - Telephone                     | 1,200                  | 1,440                                | 1,440                              |
| 7650 | Bank Fees                                 | -                      | -                                    | -                                  |
| 7670 | Miscellaneous Expenses                    | 12,000                 | 9,000                                | 12,000                             |
| 8410 | Overhead Reimbursement                    | -                      | -                                    | -                                  |
| 8610 | Depreciation Expense                      | -                      | -                                    | -                                  |
| 8710 | Election Expenses                         | -                      | -                                    | -                                  |
| 8810 | Capital Acquisition                       | -                      | -                                    | -                                  |
|      | <b>Total Expenditure</b>                  | 1,630,995              | 1,348,745                            | 1,619,511                          |

## Total Core and Choice Expenses

|      |                                           | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|-------------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin                  | 4,152,075              | 4,105,620                            | 4,136,795                          |
|      | S & B Reimb. DSC or Recov from Grants     | -                      | (39,927)                             | (18,665)                           |
| 6090 | Directors Compensation - MWDOC            | 258,909                | 237,059                              | 288,800                            |
| 6095 | Directors Compensation - MWD              | 157,070                | 127,043                              | 165,029                            |
| 6105 | Benefits - Admin                          | 1,335,385              | 1,329,640                            | 1,354,043                          |
| 6109 | CALPERS Unfunded Liability Contribution   | 207,000                | 207,000                              | 207,000                            |
| 6111 | Overhead Reimbursement                    | -                      | -                                    | -                                  |
| 6115 | Benefits - Directors                      | 101,971                | 122,925                              | 128,022                            |
| 6120 | Health Insurance Coverage for Retirees    | 87,449                 | 80,288                               | 101,099                            |
| 6205 | Training                                  | 64,500                 | 62,000                               | 52,000                             |
| 6210 | Tuition Reimbursement                     | 5,000                  | 1,000                                | 5,000                              |
| 6220 | Temporary Help                            | 5,000                  | -                                    | 5,000                              |
| 7010 | Engineering - Outside Services            | 340,000                | 574,896                              | 380,000                            |
| 7020 | Legal - General                           | 210,500                | 188,097                              | 225,000                            |
| 7030 | Audit                                     | 29,725                 | 20,162                               | 30,220                             |
| 7040 | Other Professional Fees                   | 1,186,575              | 1,043,799                            | 957,959                            |
|      | Other Professional Fees - School Programs | 394,763                | 200,000                              | 402,658                            |
| 7110 | Conference - Employee                     | 26,515                 | 10,000                               | 44,560                             |
| 7115 | Conference - Directors                    | 18,695                 | 3,735                                | 16,845                             |
| 7150 | Travel & Accommodations - Employee        | 62,495                 | 7,000                                | 75,325                             |
| 7155 | Travel & Accommodations - Director        | 24,900                 | 3,000                                | 21,250                             |
| 7210 | Membership / Sponsorship                  | 127,161                | 146,944                              | 143,041                            |
| 7250 | CDR Participation                         | 53,158                 | 53,158                               | 65,249                             |
| 7305 | Business Expense                          | 4,500                  | 1,500                                | 2,500                              |
| 7310 | Office Maintenance                        | 125,420                | 95,000                               | 147,400                            |
| 7315 | Building Repair & Maintenance             | 15,000                 | 12,500                               | 15,000                             |
| 7320 | Rents & Leases                            | 1,750                  | 1,200                                | 1,800                              |
| 7330 | Office Supplies                           | 39,000                 | 18,000                               | 35,000                             |
| 7332 | Supplies - Water Loss Control             | 10,000                 | 10,000                               | 4,000                              |
| 7340 | Postal / Mail Delivery                    | 9,300                  | 8,706                                | 9,000                              |
| 7350 | Subscriptions / Books                     | 1,000                  | 800                                  | 1,000                              |
| 7360 | Reproduction Expense                      | 83,700                 | 41,205                               | 82,700                             |
| 7410 | Computer & Peripherals Maint              | 8,000                  | 7,200                                | 8,000                              |
| 7430 | Software Purchase                         | 57,000                 | 38,000                               | 45,340                             |
| 7440 | Software Support                          | 47,640                 | 43,000                               | 48,640                             |
| 7540 | Computers and Equipment                   | 33,550                 | 31,550                               | 23,450                             |
| 7580 | Maintenance Expense                       | 6,000                  | 4,000                                | 6,000                              |
| 7610 | Automotive / Mileage                      | 20,000                 | 1,900                                | 16,000                             |
| 7612 | Vehicle Expense                           | 6,350                  | 4,600                                | 5,800                              |
| 7615 | Toll Road Charges                         | 2,300                  | 300                                  | 1,250                              |
| 7620 | Insurance Expense                         | 110,000                | 120,000                              | 130,000                            |
| 7640 | Utilities - Telephone                     | 30,850                 | 36,987                               | 42,840                             |
| 7650 | Bank Fees                                 | 1,200                  | 2,700                                | 3,200                              |
| 7670 | Miscellaneous Expenses                    | 113,800                | 46,746                               | 85,181                             |
| 8810 | Capital Acquisition                       | 154,200                | 345,297                              | 273,059                            |
|      | <b>Total Expenditure</b>                  | <b>9,729,405</b>       | <b>9,356,539</b>                     | <b>9,773,389</b>                   |
|      | MWDOC's Contribution to WEROC Oper        | 241,236                | 241,236                              | 260,364                            |
|      | Capital Acquisition to Carryover (8810)   | 271,900                | 5,803                                | -                                  |
|      | Capitol Acq Prior Year Carryover Credit   | (346,900)              | (271,900)                            | (5,803)                            |
|      | MWDOC's Building Expense (8811)           | 1,870,000              | 1,408,884                            | 903,089                            |
|      | Building Expense to Carryover             | -                      | 461,116                              | -                                  |
|      | Building Prior Year Carryover Credit      | (1,143,117)            | (1,143,117)                          | (461,116)                          |
|      |                                           | <b>10,622,524</b>      | <b>10,058,561</b>                    | <b>10,469,923</b>                  |

**Administrative - Board**  
**11**

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 259,074                | 237,091                              | 261,467                            |
| 6090 | Directors Compensation - MWDOC         | 258,909                | 237,059                              | 288,800                            |
| 6095 | Directors Compensation - MWD           | 157,070                | 127,043                              | 165,029                            |
| 6105 | Benefits - Admin                       | 82,141                 | 77,021                               | 83,980                             |
| 6115 | Benefits - Directors                   | 101,971                | 122,925                              | 128,022                            |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               |                        |                                      |                                    |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |
| 6220 | Temporary Help                         |                        |                                      |                                    |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |
| 7020 | Legal - General                        | 200,500                | 185,597                              | 215,000                            |
| 7030 | Audit                                  |                        |                                      |                                    |
| 7040 | Other Professional Fees                |                        |                                      |                                    |
| 7110 | Conference - Employee                  |                        |                                      |                                    |
| 7115 | Conference - Directors                 | 18,695                 | 3,735                                | 16,845                             |
| 7150 | Travel & Accommodations - Employee     |                        |                                      |                                    |
| 7155 | Travel & Accommodations - Director     | 24,900                 | 3,000                                | 21,250                             |
| 7210 | Membership / Sponsorship               | 38,771                 | 35,747                               | 37,840                             |
| 7250 | CDR Participation                      |                        |                                      |                                    |
| 7310 | Office Maintenance                     |                        |                                      |                                    |
| 7320 | Rents & Leases                         |                        |                                      |                                    |
| 7330 | Office Supplies                        |                        |                                      |                                    |
| 7340 | Postal / Mail Delivery                 | 4,500                  | 7,106                                | 5,000                              |
| 7350 | Subscriptions / Books                  |                        |                                      |                                    |
| 7360 | Reproduction Expense                   |                        |                                      |                                    |
| 7410 | Computers & Peripherals Maint          |                        |                                      |                                    |
| 7430 | Software Purchase                      |                        |                                      |                                    |
| 7440 | Software Support                       |                        |                                      |                                    |
| 7540 | Computers and Equipment                |                        |                                      |                                    |
| 7580 | Maintenance Expense                    |                        |                                      |                                    |
| 7610 | Automotive / Mileage                   | 12,500                 | 400                                  | 11,000                             |
| 7615 | Toll Road Charges                      | 800                    | 100                                  | 650                                |
| 7620 | Insurance Expense                      |                        |                                      |                                    |
| 7640 | Utilities - Telephone                  | 700                    | 240                                  | 300                                |
| 7650 | Bank Fees                              |                        |                                      |                                    |
| 7670 | Miscellaneous Expenses                 | 12,700                 | 858                                  | 10,500                             |
| 8410 | Overhead Reimbursement                 |                        |                                      |                                    |
| 8810 | Capital Acquisition                    |                        |                                      |                                    |
|      | <b>Total Expenditure</b>               | <b>1,173,230</b>       | <b>1,037,923</b>                     | <b>1,245,683</b>                   |

|   |                                  |                   |
|---|----------------------------------|-------------------|
| 1 | • Best, Best & Krieger           | \$ 200,000        |
|   | • Aleshire & Wynder              | \$ 15,000         |
|   |                                  | <u>\$ 215,000</u> |
|   |                                  |                   |
| 2 | • Best, Best & Krieger           | \$ 170,777        |
|   | • Aleshire & Wynder              | \$ 14,820         |
|   |                                  | <u>\$ 185,597</u> |
|   |                                  |                   |
| 3 | • See Exhibit F.                 |                   |
|   |                                  |                   |
| 4 | • See Exhibit D.                 |                   |
|   |                                  |                   |
|   |                                  |                   |
| 5 | • Misc board expenses (supplies) |                   |

**Administrative - General**  
**12**

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 317,748                | 332,593                              | 337,438                            |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |
| 6105 | Benefits - Admin                       | 124,835                | 137,394                              | 136,580                            |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               |                        |                                      |                                    |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |
| 6220 | Temporary Help                         | 5,000                  | -                                    | 5,000                              |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |
| 7020 | Legal - General                        |                        |                                      |                                    |
| 7030 | Audit                                  |                        |                                      |                                    |
| 7040 | Other Professional Fees                | 1,200                  | -                                    | 1,200                              |
| 7110 | Conference - Employee                  | 26,515                 | 10,000                               | 44,560                             |
| 7115 | Conference - Directors                 |                        |                                      |                                    |
| 7150 | Travel & Accommodations - Employee     | 62,495                 | 7,000                                | 75,325                             |
| 7155 | Travel & Accommodations - Director     |                        |                                      |                                    |
| 7210 | Membership / Sponsorship               | 88,390                 | 111,197                              | 105,201                            |
| 7250 | CDR Participation                      | 53,158                 | 53,158                               | 65,249                             |
| 7305 | Business Expense                       | 4,500                  | 1,500                                | 2,500                              |
| 7310 | Office Maintenance                     |                        |                                      |                                    |
| 7320 | Rents & Leases                         |                        |                                      |                                    |
| 7330 | Office Supplies                        |                        |                                      |                                    |
| 7340 | Postal / Mail Delivery                 |                        |                                      |                                    |
| 7350 | Subscriptions / Books                  | 1,000                  | 800                                  | 1,000                              |
| 7360 | Reproduction Expense                   |                        |                                      |                                    |
| 7410 | Computer & Peripherals Maint           |                        |                                      |                                    |
| 7430 | Software Purchase                      |                        |                                      |                                    |
| 7440 | Software Support                       |                        |                                      |                                    |
| 7540 | Computers and Equipment                |                        |                                      |                                    |
| 7580 | Maintenance Expense                    |                        |                                      |                                    |
| 7610 | Automotive / Mileage                   | 7,500                  | 1,500                                | 5,000                              |
| 7615 | Toll Road Charges                      | 500                    | 100                                  | 400                                |
| 7620 | Insurance Expense                      |                        |                                      |                                    |
| 7640 | Utilities - Telephone                  |                        |                                      |                                    |
| 7650 | Bank Fees                              |                        |                                      |                                    |
| 7670 | Miscellaneous Expenses                 | 2,500                  | 900                                  | 2,000                              |
| 8810 | Capital Acquisition                    |                        |                                      |                                    |
|      | <b>Total Expenditure</b>               | <b>695,341</b>         | <b>656,142</b>                       | <b>781,454</b>                     |

1 • See Exhibit J.

2 • See Exhibit E.

3 • See Exhibit D.

4 • Center for Demographic Research at  
Cal State University Fullerton  
including GIS related work.



**Personnel / Staff Development**  
**13**

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 217,684                | 225,687                              | 244,660                            |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |
| 6105 | Benefits - Admin                       | 65,863                 | 69,405                               | 75,438                             |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               | 62,500                 | 60,000                               | 50,000                             |
| 6210 | Tuition Reimbursement                  | 5,000                  | 1,000                                | 5,000                              |
| 6220 | Temporary Help                         |                        |                                      |                                    |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |
| 7020 | Legal - General                        | 10,000                 | 2,500                                | 10,000                             |
| 7030 | Audit                                  |                        |                                      |                                    |
| 7040 | Other Professional Fees                | 36,000                 | 29,800                               |                                    |
| 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                       |                        |                                      |                                    |
| 7540 | 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                 | 30,000                 | 8,100                                | 14,411                             |
| 8810 | Capital Acquisition                    |                        |                                      |                                    |
|      | <b>Total Expenditure</b>               | <b>427,047</b>         | <b>396,491</b>                       | <b>399,509</b>                     |

1 • Staff Technical Training & Leadership  
Development Training

2 • Best, Best & Krieger

3 • Benchmark Study

4 • Employee Recognition \$ 2,500  
• 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  
• Staff & Executive Assessments \$ 2,000  
• COVID-19 Online Pre-Screen 2,011  
\$ 14,411

**Overhead**  
**19**

|      |                                         | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |   |
|------|-----------------------------------------|------------------------|--------------------------------------|------------------------------------|---|
| 6010 | Salaries & Wages - Admin                | 552,260                | 546,838                              | 538,353                            |   |
| 6090 | Directors Compensation - MWDOC          |                        |                                      |                                    |   |
| 6095 | Directors Compensation - MWD            |                        |                                      |                                    |   |
| 6105 | Benefits - Admin                        | 173,883                | 175,693                              | 171,704                            |   |
| 6109 | CALPERS Unfunded Liability Contribution | 207,000                | 207,000                              | 207,000                            |   |
| 6111 | Overhead Reimbursement from Choice      | (300,926)              | (296,267)                            | (304,857)                          |   |
| 6115 | Benefits - Directors                    |                        |                                      |                                    |   |
| 6120 | Health Insurance Coverage for Retirees  | 87,449                 | 80,288                               | 101,099                            | 1 |
| 6205 | Training                                |                        |                                      |                                    |   |
| 6210 | Tuition Reimbursement                   |                        |                                      |                                    |   |
| 6220 | Temporary Help                          |                        |                                      |                                    |   |
| 7010 | Engineering - Outside Services          |                        |                                      |                                    |   |
| 7020 | Legal - General                         |                        |                                      |                                    |   |
| 7030 | Audit                                   |                        |                                      |                                    |   |
| 7040 | Other Professional Fees                 | 6,400                  | 5,600                                | 4,760                              | 2 |
| 7110 | Conference - Employee                   |                        |                                      |                                    |   |
| 7115 | Conference - Directors                  |                        |                                      |                                    |   |
| 7150 | Travel & Accommodations - Employee      |                        |                                      |                                    |   |
| 7155 | Travel & Accommodations - Director      |                        |                                      |                                    |   |
| 7210 | Membership / Sponsorship                |                        |                                      |                                    |   |
| 7250 | CDR Participation                       |                        |                                      |                                    |   |
| 7310 | Office Maintenance                      | 125,420                | 95,000                               | 147,400                            | 3 |
| 7315 | Building Repair & Maintenance           | 15,000                 | 12,500                               | 15,000                             |   |
| 7320 | Rents & Leases                          | 1,750                  | 1,200                                | 1,800                              | 4 |
| 7330 | Office Supplies                         | 39,000                 | 18,000                               | 35,000                             |   |
| 7340 | Postal / Mail Delivery                  | 4,400                  | 1,200                                | 3,600                              |   |
| 7350 | Subscriptions / Books                   |                        |                                      |                                    |   |
| 7360 | Reproduction Expense                    | 7,200                  | 1,205                                | 6,200                              |   |
| 7410 | Computer & Peripherals Maint            |                        |                                      |                                    |   |
| 7430 | Software Purchase                       |                        |                                      |                                    |   |
| 7440 | Software Support                        |                        |                                      |                                    |   |
| 7540 | Computers and Equipment                 |                        |                                      |                                    |   |
| 7580 | Maintenance Expense                     | 6,000                  | 4,000                                | 6,000                              | 5 |
| 7610 | Automotive / Mileage                    |                        |                                      |                                    |   |
| 7615 | Toll Road Charges                       |                        |                                      |                                    |   |
| 7620 | Insurance Expense                       | 110,000                | 120,000                              | 130,000                            |   |
| 7640 | Utilities - Telephone                   | 28,000                 | 34,502                               | 40,200                             |   |
| 7650 | Bank Fees                               | 1,200                  | 2,700                                | 3,200                              |   |
| 7670 | Miscellaneous Expenses                  | 4,200                  | 2,500                                | 4,000                              | 6 |
| 8810 | Capital Acquisition                     | 75,000                 | 266,097                              | 249,059                            | 7 |
|      | <b>Total Expenditure</b>                | <b>1,143,235</b>       | <b>1,278,056</b>                     | <b>1,359,518</b>                   |   |
|      | Capital Acquisition to Carryover (8810) | 271,900                | 5,803                                |                                    | 9 |
|      | Capitol Acq Prior Year Carryover Credit | (346,900)              | (271,900)                            | (5,803)                            |   |
|      | MWDOC's Building Expense (8811)         | 1,870,000              | 1,408,884                            | 903,089                            | 8 |
|      | Building Expense to Carryover           |                        | 461,116                              |                                    |   |
|      | Building Prior Year Carryover Credit    | (1,143,117)            | (1,143,117)                          | (461,116)                          | 9 |
|      |                                         | <u>1,795,118</u>       | <u>1,738,842</u>                     | <u>1,795,688</u>                   |   |

|   |                                                                                                                                                                                                   |                   |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1 | Retirees:                                                                                                                                                                                         |                   |
|   | • 16 Retirees                                                                                                                                                                                     |                   |
| 2 | • Pension Plan administration by Dissinger Associates                                                                                                                                             | \$ 4,000          |
|   | • Cafeteria Plan IGOE                                                                                                                                                                             | \$ 660            |
|   | • Health Equity                                                                                                                                                                                   | 100               |
|   |                                                                                                                                                                                                   | <u>4,760</u>      |
| 3 | • Window Cleaning                                                                                                                                                                                 | \$ 1,200          |
|   | • Sewer Flush                                                                                                                                                                                     | \$ 800            |
|   | • OCWD                                                                                                                                                                                            | \$ 119,800        |
|   | • Plant Maintenance                                                                                                                                                                               | \$ 5,000          |
|   | • Landscape/Maintenance Atrium                                                                                                                                                                    | \$ 12,000         |
|   | • Binding Machine Renewal                                                                                                                                                                         | \$ 800            |
|   | • Carpet & Extra Office Cleaning                                                                                                                                                                  | \$ 7,800          |
|   |                                                                                                                                                                                                   | <u>\$ 147,400</u> |
| 4 | • Corodata                                                                                                                                                                                        | \$ 800            |
|   | • El Toro Water District (South EOC site)                                                                                                                                                         | 1,000             |
|   |                                                                                                                                                                                                   | <u>\$ 1,800</u>   |
| 5 | Generator Maintenance                                                                                                                                                                             |                   |
| 6 | • Misc equipment repairs, fees etc.                                                                                                                                                               |                   |
| 7 | • Office Furniture/Copier See Exhibit H                                                                                                                                                           |                   |
| 8 | • Bldg Improvements - Eval / Design / Seismic / Construction/HVAC Improvement                                                                                                                     |                   |
| 9 | • FY20-21 & FY21-22 carryover is for work and capital purchases on the building that were budgeted for but will not be completed and will be carried over to the next year as a carryover credit. |                   |
|   | • FY20-21 & FY21-22 carryover 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 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 507,799                | 441,374                              | 374,858                            |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |
| 6105 | Benefits - Admin                       | 160,438                | 133,425                              | 118,207                            |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               |                        |                                      |                                    |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |
| 6220 | Temporary Help                         |                        |                                      |                                    |
| 7010 | Engineering - Outside Services         | 265,000                | 499,896                              | 200,000                            |
| 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                       |                        |                                      |                                    |
| 7540 | Computers and Equipment                |                        |                                      |                                    |
| 7580 | Maintenance Expense                    |                        |                                      |                                    |
| 7610 | Automotive / Mileage                   |                        |                                      |                                    |
| 7615 | Toll Road Charges                      |                        |                                      |                                    |
| 7620 | Insurance Expense                      |                        |                                      |                                    |
| 7640 | Utilities - Telephone                  | 500                    | 500                                  | 500                                |
| 7650 | Bank Fees                              |                        |                                      |                                    |
| 7670 | Miscellaneous Expenses                 | 8,000                  | 6,000                                | 6,000                              |
| 8810 | Capital Acquisition                    |                        |                                      |                                    |
|      | <b>Total Expenditure</b>               | <b>941,736</b>         | <b>1,081,194</b>                     | <b>699,565</b>                     |

# Metropolitan Issues and Water Policy

23

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 530,160                | 538,769                              | 580,531                            |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |
| 6105 | Benefits - Admin                       | 172,005                | 175,923                              | 194,894                            |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               |                        |                                      |                                    |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |
| 6220 | Temporary Help                         |                        |                                      |                                    |
| 7010 | Engineering - Outside Services         | 75,000                 | 75,000                               | 180,000                            |
| 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                       |                        |                                      |                                    |
| 7540 | 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                    |                        |                                      |                                    |
|      | <b>Total Expenditure</b>               | <b>777,165</b>         | <b>789,692</b>                       | <b>955,424</b>                     |

• See Exhibit J

**Government Affairs**  
**31**

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 137,153                | 128,534                              | 131,003                            |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |
| 6105 | Benefits - Admin                       | 49,606                 | 46,572                               | 46,706                             |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               |                        |                                      |                                    |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |
| 6220 | Temporary Help                         |                        |                                      |                                    |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |
| 7020 | Legal - General                        |                        |                                      |                                    |
| 7030 | Audit                                  |                        |                                      |                                    |
| 7040 | Other Professional Fees                | 314,000                | 281,950                              | 309,000                            |
| 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                       |                        |                                      |                                    |
| 7540 | 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                 | 14,200                 | 500                                  | 4,500                              |
| 8410 | Overhead Reimbursement                 |                        |                                      |                                    |
| 8610 | Depreciation Expense                   |                        |                                      |                                    |
| 8710 | Election Expenses                      |                        |                                      |                                    |
| 8810 | Capital Acquisition                    |                        |                                      |                                    |
|      | <b>Total Expenditure</b>               | <b>514,960</b>         | <b>457,556</b>                       | <b>491,209</b>                     |

1 • BB&K \$ 96,000  
 • NRR \$ 96,000  
 • Lewis Consulting \$ 42,000  
 • Ackerman \$ 36,000  
 • Grant Research & Acquisition \$ 39,000  
**\$ 309,000**

2 • WACO \$ 2,500  
 • Outreach \$ 2,000  
**\$ 4,500**

**Public Affairs**  
**32**

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |   |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|---|
| 6010 | Salaries & Wages - Admin               | 413,003                | 442,113                              | 443,257                            |   |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |   |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |   |
| 6105 | Benefits - Admin                       | 129,198                | 139,471                              | 141,786                            |   |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |   |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |   |
| 6205 | Training                               |                        |                                      |                                    |   |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |   |
| 6220 | Temporary Help                         |                        |                                      |                                    |   |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |   |
| 7020 | Legal - General                        |                        |                                      |                                    |   |
| 7030 | Audit                                  |                        |                                      |                                    |   |
| 7040 | Other Professional Fees                | 270,352                | 190,200                              | 272,949                            | 1 |
| 7047 | Prof Service-Grant Recovery            |                        |                                      |                                    |   |
| 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                   | 76,500                 | 40,000                               | 76,500                             | 2 |
| 7410 | Computer & Peripherals Maint           |                        |                                      |                                    |   |
| 7430 | Software Purchase                      |                        |                                      |                                    |   |
| 7440 | Software Support                       |                        |                                      |                                    |   |
| 7450 | Software Development                   |                        |                                      |                                    |   |
| 7510 | Site Maintenance                       |                        |                                      |                                    |   |
| 7540 | Computers and Equipment                |                        |                                      |                                    |   |
| 7580 | Maintenance Expense                    |                        |                                      |                                    |   |
| 7610 | Automotive / Mileage                   |                        |                                      |                                    |   |
| 7615 | Toll Road Charges                      |                        |                                      |                                    |   |
| 7620 | Insurance Expense                      |                        |                                      |                                    |   |
| 7640 | Utilities - Telephone                  | 450                    | 305                                  | 400                                |   |
| 7650 | Bank Fees                              |                        |                                      |                                    |   |
| 7670 | Miscellaneous Expenses                 | 21,200                 | 10,588                               | 22,700                             | 3 |
| 8810 | Capital Acquisition                    |                        |                                      |                                    |   |
|      | <b>Total Expenditure</b>               | <b>910,703</b>         | <b>822,677</b>                       | <b>957,592</b>                     |   |

|                                     |           |
|-------------------------------------|-----------|
| <b>1 Public Affairs Activities:</b> |           |
| • Resolutions/Proclamations         | \$ 4,500  |
| • Consumer Confidence Reports       | \$ 43,449 |
| • Event Registration Fees           | \$ 12,500 |
| • Delta Conveyance Program Support  | \$ 30,000 |
| • Wyland Mayors Challenge           | \$ 10,000 |
| • Scouts Program                    | \$ 7,500  |
| • Education Initiatives             | \$ 30,000 |
| Subtotal                            | \$137,949 |

|                                        |                  |
|----------------------------------------|------------------|
| <b>Communications Plan Activities:</b> |                  |
| • Strategic Digital Outreach           | \$ 95,000        |
| • Advertising                          | \$ 20,000        |
| • Special Events AV Support            | \$ 20,000        |
| Subtotal                               | \$135,000        |
|                                        | <u>\$272,949</u> |

|                                                 |                  |
|-------------------------------------------------|------------------|
| <b>2 • Promotional Items, Branded Materials</b> |                  |
| • Info Items Handouts, Books, Folders           | \$ 30,000        |
| • Poster Slogan Award & Ceremony                | 6,500            |
|                                                 | <u>\$ 76,500</u> |

|                                   |                  |
|-----------------------------------|------------------|
| <b>3 • Ricki Maint and Repair</b> |                  |
| • Event Display Materials         | \$ 4,000         |
| • Sponsorship Contingency Fund    | \$ 5,000         |
| • Storage Facility                | \$ 3,500         |
| • Science Fair Sponsorship        | \$ 100           |
| • Member Agency Workshops PAW     | \$ 6,000         |
|                                   | <u>\$ 22,700</u> |



**Water Use Efficiency  
(Core)  
35**

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 153,920                | 150,620                              | 151,557                            |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |
| 6105 | Benefits - Admin                       | 46,023                 | 52,023                               | 46,053                             |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               |                        |                                      |                                    |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |
| 6220 | Temporary Help                         |                        |                                      |                                    |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |
| 7020 | Legal - General                        |                        |                                      |                                    |
| 7030 | Audit                                  |                        |                                      |                                    |
| 7040 | Other Professional Fees                | 255,500                | 255,500                              | 155,000                            |
| 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                       |                        |                                      |                                    |
| 7540 | 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                    |                        |                                      |                                    |
|      | <b>Total Expenditure</b>               | <b>461,443</b>         | <b>464,143</b>                       | <b>358,610</b>                     |

|                               |                  |
|-------------------------------|------------------|
| 1 • General Research          | \$ 75,000        |
| • Water Loss Control Work Grp | \$ 55,000        |
| • WLC Business Plan Implement | \$ 25,000        |
|                               | <u>\$155,000</u> |

**General Finance**  
**41**

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 396,085                | 405,763                              | 401,619                            |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |
| 6105 | Benefits - Admin                       | 133,959                | 128,390                              | 130,543                            |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               |                        |                                      |                                    |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |
| 6220 | Temporary Help                         |                        |                                      |                                    |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |
| 7020 | Legal - General                        |                        |                                      |                                    |
| 7030 | Audit                                  | 29,725                 | 20,162                               | 30,220                             |
| 7040 | Other Professional Fees                | 112,750                | 102,015                              | 22,950                             |
| 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                       |                        |                                      |                                    |
| 7540 | 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                  | 300                                  | 1,000                              |
| 8810 | Capital Acquisition                    |                        |                                      |                                    |
|      | <b>Total Expenditure</b>               | <b>673,518</b>         | <b>656,629</b>                       | <b>586,331</b>                     |

|                    |                  |
|--------------------|------------------|
| 1 • Annual Audit   | \$ 20,566        |
| • Single Audit     | \$ 4,654         |
| • WUE Grant Review | \$ 5,000         |
|                    | <u>\$ 30,220</u> |

|                          |                  |
|--------------------------|------------------|
| 2 • Custodial Bank fees  | \$ 6,500         |
| • Financial Consulting   | \$ 15,000        |
| • OPEB Actuarial         | \$ 750           |
| • CalPERS GASB 68 Report | \$ 700           |
|                          | <u>\$ 22,950</u> |

**Information Technology**  
**45**

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |                                                   |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|---------------------------------------------------|
| 6010 | Salaries & Wages - Admin               | 124,804                | 121,653                              | 124,323                            |                                                   |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |                                                   |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |                                                   |
| 6105 | Benefits - Admin                       | 44,837                 | 44,688                               | 45,260                             |                                                   |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |                                                   |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |                                                   |
| 6205 | Training                               |                        |                                      |                                    |                                                   |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |                                                   |
| 6220 | Temporary Help                         |                        |                                      |                                    |                                                   |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |                                                   |
| 7020 | Legal - General                        |                        |                                      |                                    |                                                   |
| 7030 | Audit                                  |                        |                                      |                                    |                                                   |
| 7040 | Other Professional Fees                |                        |                                      |                                    | 1 • Misc repairs, maint & components \$ 8,000     |
| 7110 | Conference - Employee                  |                        |                                      |                                    |                                                   |
| 7115 | Conference - Directors                 |                        |                                      |                                    | 2 • Misc software upgrades and license \$ 43,240  |
| 7150 | Travel & Accommodations - Employee     |                        |                                      |                                    |                                                   |
| 7155 | Travel & Accommodations - Director     |                        |                                      |                                    | 3 • Laserfiche WORM Storage Cloud Backup \$ 1,100 |
| 7210 | Membership / Sponsorship               |                        |                                      |                                    | • Exchange and AD Monitoring Software \$ 2,000    |
| 7250 | CDR Participation                      |                        |                                      |                                    | • MWDOC Website Support & Enhancements \$ 15,000  |
| 7310 | Office Maintenance                     |                        |                                      |                                    | • Investment software usage cost \$ 2,340         |
| 7320 | Rents & Leases                         |                        |                                      |                                    | • Accufund Annual Support \$ 8,500                |
| 7330 | Office Supplies                        |                        |                                      |                                    | • Wireless Aps and Router \$ 5,200                |
| 7340 | Postal / Mail Delivery                 |                        |                                      |                                    | • ACT Annual Support \$ 2,000                     |
| 7350 | Subscriptions / Books                  |                        |                                      |                                    | • ECS Laserfiche Annual Support \$ 5,500          |
| 7360 | Reproduction Expense                   |                        |                                      |                                    | • Arcserv UDP License Renewal (2) \$ 2,000        |
| 7410 | Computers & Peripherals Maint          | 8,000                  | 7,200                                | 8,000                              | 1                                                 |
| 7430 | Software Purchase                      | 42,000                 | 38,000                               | 43,240                             | 2                                                 |
| 7440 | Software Support                       | 47,640                 | 43,000                               | 48,640                             | 3                                                 |
| 7450 | Computers and Equipment                | 31,550                 | 31,550                               | 23,450                             | 4                                                 |
| 7580 | Maintenance Expense                    |                        |                                      |                                    | 4 • Batteries Replacement for UPS \$ 4,000        |
| 7610 | Automotive / Mileage                   |                        |                                      |                                    | • RICOH Color Printer Support \$ 350              |
| 7615 | Toll Road Charges                      |                        |                                      |                                    | • Maintenance for Plotter \$ 600                  |
| 7620 | Insurance Expense                      |                        |                                      |                                    | • 2 Laptop Computers \$ 3,500                     |
| 7640 | Utilities - Telephone                  |                        |                                      |                                    | • 10 Replacement Computers \$ 15,000              |
| 7650 | Bank Fees                              |                        |                                      |                                    | \$ 23,450                                         |
| 7670 | Miscellaneous Expenses                 | 2,000                  | 2,000                                | 2,070                              |                                                   |
| 8810 | Capital Acquisition                    | 79,200                 | 79,200                               | 24,000                             |                                                   |
|      | <b>Total Expenditure</b>               | <b>380,031</b>         | <b>367,291</b>                       | <b>318,983</b>                     |                                                   |

**Water Use Efficiency  
(choice)  
62**

|      |                           | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|---------------------------|------------------------|--------------------------------------|------------------------------------|
| 4215 | Choice Revenue            | 803,364                | 803,364                              | 915,132                            |
| 4705 | Prior Year Carry over     | 97,556                 | 97,556                               |                                    |
|      | Choice billing over/under |                        | (50,492)                             |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      | <b>Total Revenue</b>      | 900,920                | 850,428                              | 915,132                            |

Choice billing over/under reflects revenue overage or shortfall to be reconciled with participating member agencies. Final charges will be revised by August 2021 to reflect the new budget year charges plus/minus prior year over/under.

|      |                                            | FY 2020-2021<br>PROPOSED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|--------------------------------------------|------------------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin                   | 415,748                            | 422,299                              | 431,097                            |
| 6012 | Salaries & Benefits - Recovery from Grants |                                    | (39,927)                             | (18,665)                           |
| 6090 | Directors Compensation - MWDOC             |                                    |                                      |                                    |
| 6095 | Directors Compensation - MWD               |                                    |                                      |                                    |
| 6105 | Benefits - Admin                           | 119,456                            | 118,423                              | 128,943                            |
|      | Overhead Reimbursement                     | 231,743                            | 234,133                              | 240,257                            |
| 6115 | Benefits - Directors                       |                                    |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees     |                                    |                                      |                                    |
| 6205 | Training                                   |                                    |                                      |                                    |
| 6210 | Tuition Reimbursement                      |                                    |                                      |                                    |
| 6220 | Temporary Help                             |                                    |                                      |                                    |
| 7010 | Engineering - Outside Services             |                                    |                                      |                                    |
| 7020 | Legal - General                            |                                    |                                      |                                    |
| 7030 | Audit                                      |                                    |                                      |                                    |
| 7040 | Other Professional Fees                    | 127,572                            | 112,100                              | 127,100                            |
| 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                     | 400                                | 400                                  | 400                                |
| 7350 | Subscriptions / Books                      |                                    |                                      |                                    |
| 7360 | Reproduction Expense                       |                                    |                                      |                                    |
| 7410 | Computer & Peripherals Maint               |                                    |                                      |                                    |
| 7430 | Software Purchase                          |                                    |                                      |                                    |
| 7440 | Software Support                           |                                    |                                      |                                    |
| 7540 | 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                              | 3,000                                | 6,000                              |
| 8810 | Capital Acquisition                        |                                    |                                      |                                    |
|      | <b>Total Expenditure</b>                   | 900,920                            | 850,428                              | 915,132                            |

1 • Recovery from WUE Grants for some Salaries and Benefits:

2 • 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 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|---------------------------|------------------------|--------------------------------------|------------------------------------|
| 4215 | Choice Revenue            | 107,521                | 107,521                              | 412,992                            |
| 4205 | School Contracts          | 120,376                | 120,376                              |                                    |
| 4705 | Prior Year Carry over     | 178,709                | 178,709                              |                                    |
|      |                           |                        |                                      |                                    |
|      | Choice billing over/under |                        | (195,632)                            |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      | <b>Total Revenue</b>      | 406,606                | 210,974                              | 412,992                            |

Choice billing over/under reflects revenue overage or shortfall to be reconciled with participating member agencies. Final charges will be revised by August 2021 to reflect the new budget year charges plus/minus prior year over/under.

|      |                                           | FY 2020-2021<br>PROPOSED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|-------------------------------------------|------------------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin                  | 6,115                              | 5,809                                | 5,406                              |
| 6105 | Benefits - Admin                          | 2,151                              | 1,850                                | 1,825                              |
|      | Overhead Reimbursement                    | 3,578                              | 3,315                                | 3,102                              |
| 6115 | Benefits - Directors                      |                                    |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees    |                                    |                                      |                                    |
| 6205 | Training                                  |                                    |                                      |                                    |
| 6210 | Tuition Reimbursement                     |                                    |                                      |                                    |
| 6220 | Temporary Help                            |                                    |                                      |                                    |
| 7010 | Engineering - Outside Services            |                                    |                                      |                                    |
| 7020 | Legal - General                           |                                    |                                      |                                    |
| 7030 | Audit                                     |                                    |                                      |                                    |
| 7040 | Other Professional Fees                   |                                    |                                      |                                    |
| 7040 | Other Professional Fees - School Programs | 394,763                            | 200,000                              | 402,658                            |
| 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 | Software Development                      |                                    |                                      |                                    |
| 7510 | Site Maintenance                          |                                    |                                      |                                    |
| 7540 | 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                       |                                    |                                      |                                    |
|      | <b>Total Expenditure</b>                  | 406,606                            | 210,974                              | 412,992                            |

1 • High Schools \$ 66,142  
• Elementary Schools \$ 290,807  
• Middle Schools 45,709  
\$ 402,658

**Water Loss Control  
(choice)  
70**

|      |                           | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|---------------------------|------------------------|--------------------------------------|------------------------------------|
| 4215 | Choice Revenue            | 323,469                | 323,469                              | 291,387                            |
| 4705 | Prior Year Carry over     |                        |                                      |                                    |
|      | Choice billing over/under |                        | (36,126)                             |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      | <b>Total Revenue</b>      | 323,469                | 287,343                              | 291,387                            |

|      |                                        | FY 2020-2021<br>PROPOSED<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 120,521                            | 106,479                              | 111,226                            |
|      | Salaries & Wages - Reimb. from Grants  |                                    |                                      |                                    |
| 6090 | Directors Compensation - MWDOC         |                                    |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                                    |                                      |                                    |
| 6105 | Benefits - Admin                       | 30,992                             | 29,363                               | 32,124                             |
|      | Overhead Reimbursement                 | 65,605                             | 58,819                               | 61,497                             |
| 6115 | Benefits - Directors                   |                                    |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                                    |                                      |                                    |
| 6205 | Training                               | 2,000                              | 2,000                                | 2,000                              |
| 6210 | Tuition Reimbursement                  |                                    |                                      |                                    |
| 6220 | Temporary Help                         |                                    |                                      |                                    |
| 7010 | Engineering - Outside Services         |                                    |                                      |                                    |
| 7020 | Legal - General                        |                                    |                                      |                                    |
| 7030 | Audit                                  |                                    |                                      |                                    |
| 7040 | Other Professional Fees                | 62,801                             | 66,634                               | 65,000                             |
| 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                        |                                    |                                      |                                    |
| 7332 | Supplies - Water Loss Control          | 10,000                             | 10,000                               | 4,000                              |
| 7340 | Postal / Mail Delivery                 |                                    |                                      |                                    |
| 7350 | Subscriptions / Books                  |                                    |                                      |                                    |
| 7360 | Reproduction Expense                   |                                    |                                      |                                    |
| 7410 | Computer & Peripherals Maint           |                                    |                                      |                                    |
| 7430 | Software Purchase                      | 15,000                             | -                                    | 2,100                              |
| 7440 | Software Support                       |                                    |                                      |                                    |
| 7450 | Computers and Equipment                |                                    | 1,908                                | -                                  |
| 7510 | Site Maintenance                       |                                    |                                      |                                    |
| 7580 | Maintenance Expense                    |                                    |                                      |                                    |
| 7610 | Automotive / Mileage                   |                                    |                                      |                                    |
| 7612 | Vehicle Expense                        | 6,350                              | 4,600                                | 5,800                              |
| 7615 | Toll Road Charges                      | 1,000                              | 100                                  | 200                                |
| 7620 | Insurance Expense                      |                                    |                                      |                                    |
| 7640 | Utilities - Telephone                  | 1,200                              | 1,440                                | 1,440                              |
| 7650 | Bank Fees                              |                                    |                                      |                                    |
| 7670 | Miscellaneous Expenses                 | 6,000                              | 6,000                                | 6,000                              |
| 8410 | Overhead Reimbursement                 |                                    |                                      |                                    |
| 8610 | Depreciation Expense                   |                                    |                                      |                                    |
| 8710 | Election Expenses                      |                                    |                                      |                                    |
| 8810 | Capital Acquisition                    |                                    |                                      |                                    |
|      | <b>Total Expenditure</b>               | 323,469                            | 287,343                              | 291,387                            |

1 • Water Balance Validation Cert.

2 • Meter Accuracy Testing

3 • Gloves, Hats, Uniforms,  
Uniform Cleaning, etc.

4 • CMMS System

5 • Vehicle Fuel & Oil \$ 5,500  
• Auto Insurance \$ 300  
\$ 5,800

6 • 2 Cell Phones



**WEROC  
25**

|      |                                  | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------|------------------------|--------------------------------------|------------------------------------|
| 4320 | MWDOC Contribution to Operations | 241,236                | 241,236                              | 260,364                            |
| 4210 | WEROC Contracts                  | 241,236                | 241,236                              | 260,364                            |
|      |                                  |                        |                                      |                                    |
| 4205 |                                  |                        |                                      |                                    |
| 4230 | Reimbursements                   |                        |                                      |                                    |
| 4240 |                                  |                        |                                      |                                    |
| 4410 |                                  |                        |                                      |                                    |
| 4805 |                                  |                        |                                      |                                    |
|      | <b>TOTAL WEROC Revenue</b>       | <b>482,472</b>         | <b>482,472</b>                       | <b>520,728</b>                     |

|                           |                   |
|---------------------------|-------------------|
| 1 • OCSD                  | \$ 51,032         |
| • SOCWA                   | \$ 19,788         |
| • OCWD                    | \$ 130,180        |
| • 3 Cities -- \$19,788 ea | \$ 59,364         |
|                           | <b>\$ 260,364</b> |

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               | 318,348                | 334,276                              | 350,181                            |
|      | Salaries & Benefits - Reimbursed       |                        | (16,010)                             | (11,750)                           |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |
| 6105 | Benefits - Admin                       | 105,792                | 118,824                              | 126,087                            |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               | 8,226                  | 8,110                                | 8,200                              |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |
| 6220 | Temporary Help                         |                        |                                      |                                    |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |
| 7020 | Legal - General                        |                        |                                      |                                    |
| 7030 | Audit                                  |                        |                                      |                                    |
| 7110 | Conference - Employee                  | 3,800                  | 1,600                                | 3,800                              |
| 7115 | Conference - Directors                 |                        |                                      |                                    |
| 7150 | Travel & Accomodations - Employee      | 4,750                  |                                      | 4,750                              |
| 7155 | Travel & Accomodations - Director      |                        |                                      |                                    |
| 7210 | Membership / Sponsorship               | 1,105                  | 810                                  | 850                                |
| 7250 | CDR Participation                      |                        |                                      |                                    |
| 7310 | Office Maintenance                     |                        |                                      |                                    |
| 7320 | Rents & Leases                         |                        |                                      |                                    |
| 7330 | Office & Radio Supplies                | 1,800                  | 1,500                                | 1,500                              |
| 7340 | Postal / Mail Delivery                 |                        |                                      |                                    |
| 7350 | Subscriptions / Books                  |                        |                                      |                                    |
| 7360 | Reproduction Expense                   | 1,000                  | 450                                  | 1,000                              |
| 7410 | Computer & Peripherals Maint           | 5,060                  | 5,060                                | 5,060                              |
| 7430 | Software Purchase                      |                        |                                      |                                    |
| 7440 | Software Support                       | 9,491                  | 9,063                                | 9,300                              |
| 7510 | Site Maintenance                       | 900                    | 600                                  | 700                                |
| 7540 | Computers and Equipment                |                        |                                      |                                    |
| 7580 | Maintenance - Generators               | 1,000                  | 980                                  | 1,000                              |
| 7581 | Maintenance - Radios                   | 2,000                  | 1,580                                | 2,000                              |
| 7582 | Maintenance - EOC's                    | 2,000                  | 1,850                                | 2,000                              |
| 7610 | Automotive / Mileage                   | 3,000                  | 600                                  | 2,000                              |
| 7615 | Toll Road Charges                      | 200                    | 40                                   | 50                                 |
| 7620 | Insurance Expense                      |                        |                                      |                                    |
| 7640 | Utilities - Telephone                  | 10,000                 | 9,614                                | 10,000                             |
| 7650 | Bank Fees                              |                        |                                      |                                    |
| 7670 | Miscellaneous Expenses                 | 1,000                  | 825                                  | 1,000                              |
| 7671 | Miscellaneous Training                 | 3,000                  |                                      | 3,000                              |
| 8810 | Capital Acquisition                    |                        |                                      |                                    |
|      | <b>TOTAL Expenditures</b>              | <b>482,472</b>         | <b>479,772</b>                       | <b>520,728</b>                     |

2 • See Exhibit E

3 • See Exhibit D

**AMP Proceeds Agreement Administration**  
**61**

|      |                           | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|---------------------------|------------------------|--------------------------------------|------------------------------------|
| 4020 | Interest Revenue          |                        |                                      |                                    |
| 4050 | O & M Maintenance Deposit |                        |                                      |                                    |
| 4230 | Reimbursement             |                        | 34,433                               | 11,622                             |
| 4680 | Miscellaneous Income      |                        |                                      |                                    |
|      | Prior Year Carryover      |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      |                           |                        |                                      |                                    |
|      | <b>Total Revenue</b>      | -                      | 34,433                               | 11,622                             |

|      |                                        | FY 2020-2021<br>BUDGET | FY 2020-2021<br>PROJECTED<br>ACTUALS | FY 2021-2022<br>PROPOSED<br>BUDGET |
|------|----------------------------------------|------------------------|--------------------------------------|------------------------------------|
| 6010 | Salaries & Wages - Admin               |                        | 11,290                               | 3,238                              |
| 6090 | Directors Compensation - MWDOC         |                        |                                      |                                    |
| 6095 | Directors Compensation - MWD           |                        |                                      |                                    |
| 6105 | Benefits - Admin                       |                        | 3,538                                | 884                                |
| 6115 | Benefits - Directors                   |                        |                                      |                                    |
| 6120 | Health Insurance Coverage for Retirees |                        |                                      |                                    |
| 6205 | Training                               |                        |                                      |                                    |
| 6210 | Tuition Reimbursement                  |                        |                                      |                                    |
| 6220 | Temporary Help                         |                        |                                      |                                    |
| 7010 | Engineering - Outside Services         |                        |                                      |                                    |
| 7020 | Legal - General                        |                        | 19,605                               | 7,500                              |
| 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 | 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                       |                        |                                      |                                    |
| 7540 | 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                    |                        |                                      |                                    |
|      | <b>Total Expenditure</b>               | -                      | 34,433                               | 11,622                             |

# Exhibit D

## MUNICIPAL WATER DISTRICT OF ORANGE COUNTY Proposed District Participation Costs Fiscal Year 2021-2022

|                                                                     | Budget<br>FY 2020-2021 | Projected<br>FY 2020-2021<br>Actuals | Budget<br>FY 2021-2022 | Approval included in<br>Budget Approval |
|---------------------------------------------------------------------|------------------------|--------------------------------------|------------------------|-----------------------------------------|
| <b>Required Participation or Service</b>                            |                        |                                      |                        |                                         |
| LAFCO                                                               | \$ 38,431              | \$ 35,617                            | \$ 37,500              | √                                       |
| <b>Subtotal Cost Center 11</b>                                      | <b>\$ 38,431</b>       | <b>\$ 35,617</b>                     | <b>\$ 37,500</b>       |                                         |
| Association of Calif. Water Agencies (ACWA)                         | \$ 22,691              | \$ 22,691                            | \$ 23,000              | √                                       |
| South OC Watershed Management Area Dues                             | \$ 10,800              | \$ 10,800                            | \$ 10,800              | √                                       |
| <b>Subtotal Cost Center 12</b>                                      | <b>\$ 33,491</b>       | <b>\$ 33,491</b>                     | <b>\$ 33,800</b>       |                                         |
| <b>Subtotal - Required Participation or Service</b>                 | <b>\$ 71,922</b>       | <b>\$ 69,108</b>                     | <b>\$ 71,300</b>       |                                         |
| <b>Elective Participation</b>                                       |                        |                                      |                        |                                         |
| Colorado River Water Users Assn. (CRWUA 2-Directors)                | \$ 60                  | \$ 60                                | \$ 60                  | √                                       |
| Orange County Water Association (OCWA 4 Directors)                  | \$ 280                 | \$ 70                                | \$ 280                 | √                                       |
| <b>Subtotal Cost Center 11</b>                                      | <b>\$ 340</b>          | <b>\$ 130</b>                        | <b>\$ 340</b>          |                                         |
| Association of California Cities- Orange County (ACCOC)             | \$ 5,500               | \$ 5,000                             | \$ 5,100               | √                                       |
| American Water Works Association (AWWA)                             | \$ 1,800               | \$ 1,800                             | \$ 1,800               | √                                       |
| Association of Metropolitan Water Agencies (AMWA)                   | \$ -                   | \$ 21,447                            | \$ 21,876              | √                                       |
| CA Chamber of Commerce (HR California)                              | \$ 568                 | \$ 568                               | \$ 580                 | √                                       |
| CALDESAL                                                            | \$ 5,150               | \$ 5,000                             | \$ 5,100               | √                                       |
| California Association of Public Information Officers (CAPIO)       | \$ 825                 | \$ 825                               | \$ 840                 | √                                       |
| California Environmental Literacy Initiative                        | \$ 2,500               | \$ 2,500                             |                        |                                         |
| California Municipal Treasurers Association (CMTA)                  | \$ 170                 | \$ 170                               | \$ 175                 | √                                       |
| California Municipal Utilities Association (CMUA)                   | \$ 4,450               | \$ 6,360                             | \$ 6,480               | √                                       |
| California Society of Municipal Finance Officers (CSMFO)            | \$ 120                 | \$ 120                               | \$ 120                 | √                                       |
| California Special Districts Assn. (CSDA)                           | \$ 7,996               | \$ 7,996                             | \$ 8,100               | √                                       |
| CA Water Efficiency Partnership (formerly CA Urban Water Cnsv Cncl) | \$ 6,100               | \$ 6,100                             | \$ 6,100               | √                                       |
| California Water, Energy and Education Alliance (CWEEA)             | \$ 2,500               | \$ 2,500                             |                        |                                         |
| Colorado River Water Users Assn.                                    | \$ 90                  | \$ 90                                | \$ 92                  | √                                       |
| Department of Water Resources Education Committee                   | \$ 2,500               | \$ 2,500                             |                        |                                         |
| Government Finance Officers Association (GFOA)                      | \$ 170                 | \$ 170                               | \$ 170                 | √                                       |
| Indep. Special Districts of Or. Co. (ISDOC)                         | \$ 55                  | \$ 55                                | \$ 50                  | √                                       |
| International Association of Business Communicators (IABC)          | \$ 370                 | \$ 370                               | \$ 375                 | √                                       |
| International Personnel Management Association (IPMA)               | \$ 55                  | \$ 55                                | \$ 60                  | √                                       |
| National Water Resources Assn., Mun. Caucus                         | \$ 535                 | \$ 535                               | \$ 545                 | √                                       |
| OC Chapter-Calif. Landscape Contractors Assoc.                      | \$ 1,835               | \$ 1,835                             | \$ 1,900               | √                                       |
| Orange County Business Council (OC Chamber)                         | \$ 5,150               | \$ 5,150                             | \$ 5,250               | √                                       |
| Orange County Public Affairs Association (OCPAA)                    | \$ 615                 | \$ 615                               | \$ 625                 | √                                       |
| Orange County Water Association (OCWA)                              | \$ 110                 | \$ 110                               | \$ 115                 | √                                       |
| Public Relations Society of America/O.C. (PRSA)                     | \$ 1,600               | \$ 1,600                             | \$ 1,632               | √                                       |
| Society of Human Resources Management (SHRM)                        | \$ 220                 | \$ 220                               | \$ 225                 | √                                       |
| Southern California Personnel Management Assoc. (SCPMA)             | \$ 60                  | \$ 60                                | \$ 60                  | √                                       |
| South Orange County Economic Coalition (SOCEC)                      | \$ 1,600               | \$ 1,600                             | \$ 1,630               | √                                       |
| Southern California Water Committee (SCWC)                          | \$ 900                 | \$ 1,000                             | \$ 1,020               | √                                       |
| Urban Water Institute                                               | \$ 1,300               | \$ 1,300                             | \$ 1,326               | √                                       |
| Water Environment Federation                                        | \$ 55                  | \$ 55                                | \$ 55                  | √                                       |
| <b>Subtotal Cost Center 12</b>                                      | <b>\$ 54,899</b>       | <b>\$ 77,706</b>                     | <b>\$ 71,401</b>       |                                         |
| <b>Subtotal - Elective Participation</b>                            | <b>\$ 55,239</b>       | <b>\$ 77,836</b>                     | <b>\$ 71,741</b>       |                                         |
| International Association of Emergency Managers                     | \$ 380                 | \$ 420                               | \$ 460                 | √                                       |
| California Emergency Services Association                           | \$ 225                 | \$ 390                               | \$ 390                 | √                                       |
| California Utilities Emergency Association                          | \$ 500                 |                                      |                        | √                                       |
| <b>WEROC Program Total</b>                                          | <b>1,105</b>           | <b>810</b>                           | <b>850</b>             |                                         |
| <b>GRAND TOTAL - General Fund</b>                                   | <b>\$ 127,161</b>      | <b>\$ 146,944</b>                    | <b>\$ 143,041</b>      |                                         |

# Exhibit E

## MUNICIPAL WATER DISTRICT OF ORANGE COUNTY Summary of Proposed Staff Registration & Travel Budget <sup>(1)</sup> Fiscal Year 2021-2022

| Conference / Meeting                                                            | Location/Date/Staff                                       | Registration     | Travel <sup>(1)</sup> | Approval included in |          |
|---------------------------------------------------------------------------------|-----------------------------------------------------------|------------------|-----------------------|----------------------|----------|
|                                                                                 |                                                           |                  |                       | Budget               | Approval |
| Association of California Water Agencies (ACWA)                                 | DC Conference, TBD                                        | \$ 2,200         | \$ 5,400              |                      | ✓        |
|                                                                                 | Fall Conference, Nov. 30 - Dec. 3, 2021, Pasadena, Ca     | 3,000            | 2,100                 |                      | ✓        |
|                                                                                 | Spring Conference, May 3 -6, 2022, Sacramento, Ca         | 3,775            | 5,000                 |                      | ✓        |
|                                                                                 | Region 10, TBD                                            | 80               |                       |                      | ✓        |
|                                                                                 | Legislative Symposium, Sacramento                         | 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. 3-6, 2021, Denver, CO     | 950              | 1,800                 |                      | ✓        |
| American Water Works Association (AWWA)                                         |                                                           |                  |                       |                      |          |
|                                                                                 | Cal Nevada Fall Conference, Oc. 18-21, 2021, Reno Nevada  | 1,750            | 4,800                 |                      | ✓        |
|                                                                                 | Cal Nevada Section Annual Conference June 2022, TBD       | 875              | 1,200                 |                      | ✓        |
|                                                                                 | Sustainable Water Management Feb. 2022, TBD               | 575              | 1,600                 |                      | ✓        |
|                                                                                 | North American Water Loss Conf, Dec. 7-9, 2021, Austin Tx | 1,200            | 2,100                 |                      | ✓        |
| California Association of Public Information Officials (CAPIO)                  | Annual Conference, November 2-5, 2021, Olympic Valley, CA | 1,250            | 2,250                 |                      | ✓        |
| CalDesal                                                                        | Annual Conference, February, 2022                         | 250              | 350                   |                      | ✓        |
| California Environmental Literacy Initiative                                    | Sacramento Ca                                             |                  | 1,500                 |                      | ✓        |
| California Employees Public Retirement System(CalPERS)                          | Annual Employer Education Forum, 2022                     | 800              | 400                   |                      | ✓        |
| California Municipal Utilities Association (CMUA) Capitol Days                  | Sacramento, TBD                                           | 195              | 800                   |                      | ✓        |
| California Municipal Utilities Association (CMUA) Annual Conference             | Annual Conference, April 3-5, 2022, San Francisco, CA     | 900              | 600                   |                      | ✓        |
| Colorado River Water Users Association (CRWUA)                                  | Annual Conference, December 12-15, 2021 - Las Vegas, NV)  | 1,200            | 2,400                 |                      | ✓        |
| California Special Districts Association (CSDA)                                 | Legislative Days, Sacramento                              | 275              | 800                   |                      | ✓        |
|                                                                                 | Annual Spring Conference, TBD                             | 500              | 1,000                 |                      | ✓        |
| California Water Efficiency Partnership (CalWEP) Membership (formerly CUWCC)    | Membership Meetings, 1=No. Cal & 2=So. Cal                |                  | 600                   |                      | ✓        |
|                                                                                 | Board Meetings, 2=No. Cal & 2=So. Cal                     |                  | 450                   |                      | ✓        |
|                                                                                 | Peer to Peer, June 2022, TBD                              | 2,250            | 2,925                 |                      | ✓        |
| Department of Water Resources Education Committee                               | Sacramento                                                |                  | 3,000                 |                      | ✓        |
| Department of Water Resources (DWR)/State Water Resources Control Board (SWRCB) | Urban Advisory Group Meetings, Sacramento                 |                  | 2,250                 |                      | ✓        |
| Legislative Advocacy                                                            | Sacramento                                                |                  | 7,500                 |                      | ✓        |
|                                                                                 | Washington DC                                             |                  | 3,600                 |                      | ✓        |
| Liebert, Cassidy Whimore                                                        | Annual Public Sector Conference, TBD                      | 1,200            | 600                   |                      | ✓        |
| Multi-State Salinity Coalition                                                  | Annual Salinity Summit, May 2022, Las Vegas, NV           | 300              | 350                   |                      | ✓        |
| Orange County Business Council (OCBC)                                           | Advocacy, Sacramento, TBD                                 | 1,900            | 1,000                 |                      | ✓        |
|                                                                                 | Advocacy, DC, TBD                                         | 3,600            | 1,600                 |                      | ✓        |
| Public Relations Society of America                                             | Annual Conference, Orlando, Florida,                      | 900              | 3,200                 |                      | ✓        |
| Urban Water Institute                                                           | Spring Conference, TBD                                    | 2,250            | 1,950                 |                      | ✓        |
| Miscellaneous*                                                                  |                                                           | 3,500            | 4,000                 |                      | ✓        |
| <b>General Fund Total **</b>                                                    |                                                           | <b>\$ 44,560</b> | <b>\$ 75,325</b>      |                      |          |
| <b>Conferences/Meetings/Trainings</b>                                           |                                                           |                  |                       |                      |          |
| International Assoc. of Emergency Managers                                      | TBD                                                       | \$ 2,400         | \$ 350                |                      | ✓        |
| California Emergency Services Association (Fall)                                | TBD                                                       | 1,400            | 3,200                 |                      | ✓        |
| TEEX Mgt346/Mgt 314 (College Station)                                           | TBD                                                       | -                | 1,200                 |                      | ✓        |

### WEROC Program Total

**\$ 3,800      \$ 4,750**

### PROPOSED GENERAL FUND BUDGET

**\$ 44,560      \$ 75,325**

\* 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 <sup>(1)</sup>  
Fiscal Year 2021-2022**

| <b>Conference</b>                                                        | <b>Location/Date/Directors</b>                               | <b>Registration</b> | <b>Travel <sup>(1)</sup></b> | <b>Approval included in<br/>Budget Approval</b> |
|--------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|------------------------------|-------------------------------------------------|
| Association of California Water Agencies (ACWA)                          | DC Conference, TBD                                           | \$ 1,100            | \$ 2,700                     | ✓                                               |
|                                                                          | Fall Conference, Pasadena, Nov. 30 - December 3, 2021        | \$ 1,500            | \$ 1,500                     | ✓                                               |
|                                                                          | Spring Conference, May 3-6, 2022, Sacramento, Ca             | \$ 2,265            | \$ 3,000                     | ✓                                               |
|                                                                          | Region 10, TBD                                               | \$ 80               |                              | ✓                                               |
| (ACCOC)                                                                  | Sacramento, TBD                                              | \$ 800              | \$ 500                       | ✓                                               |
|                                                                          | Washington DC, TBD                                           | \$ 2,550            | \$ 1,500                     | ✓                                               |
| American Water Works Association/Water Environment Federation (AWWA/WEF) | Utility Management Conference, August 3-6, 2021, Atlanta, GA | \$ 875              | \$ 1,200                     | ✓                                               |
| Bond Buyers                                                              | Conference, TBD                                              | \$ 300              | \$ 200                       | ✓                                               |
| California Special Districts Association (CSDA)                          | Legislative Days, Sacramento                                 | \$ 275              | \$ 800                       | ✓                                               |
| Colorado River Water Users Association(CRWUA)                            | Annual Conference, Dec. 12-15, 2021, Las Vegas, NV           | \$ 900              | \$ 1,800                     | ✓                                               |
| Orange County Business Council (OCBC)                                    | Advocacy Trip, Sacramento                                    | \$ 950              | \$ 500                       | ✓                                               |
|                                                                          | Advocacy Trip-DC                                             | \$ 1,800            | \$ 800                       | ✓                                               |
| Legislative Advocacy                                                     | Sacramento                                                   |                     | \$ 1,500                     | ✓                                               |
| Legislative Advocacy                                                     | Washington DC                                                |                     | \$ 1,800                     | ✓                                               |
| Urban Water Institute                                                    | Spring Conference                                            | \$ 2,250            | \$ 1,950                     | ✓                                               |
| Miscellaneous*                                                           |                                                              | \$ 1,200            | \$ 1,500                     | ✓                                               |
| <b>TOTAL**</b>                                                           |                                                              | <b>\$ 16,845</b>    | <b>\$ 21,250</b>             |                                                 |

**PROPOSED GENERAL FUND BUDGET**

|                  |                  |
|------------------|------------------|
| <b>\$ 16,845</b> | <b>\$ 21,250</b> |
|------------------|------------------|

\* 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 <sup>(1)</sup> Fiscal Year 2021-2022

| Conference / Meeting                                          | Membership       | Registration     | Travel           | Total            |
|---------------------------------------------------------------|------------------|------------------|------------------|------------------|
| American Water Works Association (AWWA)                       | \$ 1,800         | \$ 5,275         | \$ 10,900        | \$ 17,975        |
| Association of California Cities- Orange County (ACCOC)       | 5,100            | 10,050           | 6,000            | 21,150           |
| Association of Calif. Water Agencies (ACWA)                   | 23,000           | 14,285           | 20,300           | 57,585           |
| Association of Metropolitan Water Agencies (AMWA)             | 21,876           | 2,850            | 5,400            | 30,126           |
| California Association of Public Information Officers (CAPIO) | 840              | 1,250            | 2,250            | 4,340            |
| CalDesal                                                      | 5,100            | 250              | 350              | 5,700            |
| California Municipal Utilities Association (CMUA)             | 6,480            | 1,095            | 1,400            | 8,975            |
| California Special Districts Assn. (CSDA)                     | 8,100            | 1,050            | 2,600            | 11,750           |
| California Water Efficiency Partnership                       | 6,100            | 2,250            | 3,975            | 12,325           |
| Colorado River Water Users Assn. (CRWUA)                      | 152              | 2,100            | 4,200            | 6,452            |
| Orange County Business Counsel (OC Chamber)                   | 5,250            | 8,250            | 3,900            | 17,400           |
| Urban Water Institute                                         | 1,326            | 4,500            | 3,900            | 9,726            |
| <b>Grand Total for Memberships with Conferences/Travel:</b>   | <b>\$ 85,124</b> | <b>\$ 53,205</b> | <b>\$ 65,175</b> | <b>\$203,504</b> |

(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 2021-2022

|                                                                        | Proposed<br>Budget | Approval included in<br><u>Budget Approval</u> |
|------------------------------------------------------------------------|--------------------|------------------------------------------------|
| <b>Finance - 45-8810:</b>                                              |                    |                                                |
| Replace End-Of-Life Cisco Voice Gateway router (hardware and software) | \$ 7,500           | √                                              |
| Upgrade backbone Gigabit network switch (hardware)                     | 6,500              | √                                              |
| Upgrade Hyper-V Virtual Host Server (Hardware)                         | 10,000             | √                                              |
| <b>Subtotal Cost Center 45</b>                                         | <b>\$ 24,000</b>   |                                                |
| <br><b>Furniture and Fixtures- 19-8810:</b>                            |                    |                                                |
| MWDOC Office Improvements (Office Furniture and Copier)                | \$ 249,059         | √                                              |
| * Prior Year Projects Carryover from FY2017 through FY2021             | \$ (5,803)         | √                                              |
| <b>Subtotal 8810 Improvements</b>                                      | <b>\$ 243,256</b>  |                                                |
| <br><b>Building Improvements- 19-8811:</b>                             |                    |                                                |
| Eval / Design / Seismic / Construction / HVAC Improvement              | \$ 903,089         | √                                              |
| * Prior Year Projects Carryover from FY2017 through FY2021             | (461,116)          | √                                              |
| <b>Subtotal 8811 Improvements</b>                                      | <b>441,973</b>     |                                                |
| <br><b>New Realized Costs - Cost Center 19</b>                         | <b>\$ 685,229</b>  |                                                |

\* Prior year projects carryover is the cumulative dollars from prior years that will be applied toward work projected to be completed in FY21-22.

**Exhibit J**  
**Professional / Special Services Authorized**  
**Core Fund**

| Department                                   | Consultant                                                                                              | Service                                                             | Budget<br>FY 20-21 | Budget<br>FY 21-22 | * Approval<br>included in<br>Budget<br>Approval |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------------|
| Engineering Expenses                         |                                                                                                         |                                                                     |                    |                    |                                                 |
| Planning & Operation<br>(21)                 | (To be determined)                                                                                      | Hydraulic Model                                                     | 130,000            |                    |                                                 |
|                                              | (To be determined)                                                                                      | Economic Studies/Reliability Study                                  | 135,000            | 50,000             |                                                 |
|                                              | (To be determined)                                                                                      | On Call Work                                                        |                    | 75,000             |                                                 |
|                                              | (To be determined)                                                                                      | EOCF#2 Emergency Pilot                                              |                    | 75,000             |                                                 |
| Total Planning & Operations Expenses         |                                                                                                         |                                                                     | 265,000            | 200,000            |                                                 |
| Met Issues & Special<br>Projects (23)        | Ed Means Consulting                                                                                     | Consulting on MET issues                                            | 25,000             | 30,000             | √                                               |
|                                              | (To be determined)                                                                                      | Financial & Rate Consulting                                         |                    | 75,000             |                                                 |
|                                              | (To be determined)                                                                                      | MET and Reliability Planning (IRP & Delta)                          | 50,000             | 75,000             |                                                 |
| Total MET Issues & Special Projects Expenses |                                                                                                         |                                                                     | 75,000             | 180,000            |                                                 |
| Total Engineering Expenses                   |                                                                                                         |                                                                     | 340,000            | 380,000            |                                                 |
| Legal Expenses                               |                                                                                                         |                                                                     |                    |                    |                                                 |
| Administration<br>(11 & 13)                  | Best, Best & Krieger                                                                                    | General Legal Counsel Services                                      | 185,500            | 200,000            | √                                               |
|                                              | Aleshire & Wynder                                                                                       | Legal Counsel Services Regarding San Diego CWA                      | 15,000             | 15,000             | √                                               |
|                                              | Best, Best & Krieger                                                                                    | Labor Counsel Services                                              | 10,000             | 10,000             | √                                               |
| Total Legal Expenses                         |                                                                                                         |                                                                     | 210,500            | 225,000            |                                                 |
| Audit Expenses                               |                                                                                                         |                                                                     |                    |                    |                                                 |
| Finance<br>(41)                              | Vasquez & Company LLP                                                                                   | Annual Financial Audit and Federal Single Audit                     | 29,725             | 30,220             | √                                               |
| Training                                     |                                                                                                         |                                                                     |                    |                    |                                                 |
| Administration<br>(13)                       | Cal State University<br>Fullerton/Municipal Resources<br>Group/Center for Organization<br>Effectiveness | Staff Development/Technical Training/Leadership<br>Training         | 62,500             | 50,000             | √                                               |
| Professional Fees                            |                                                                                                         |                                                                     |                    |                    |                                                 |
| Administration<br>(12 & 13 & 19)             | Dissinger Associates                                                                                    | Pension Plan Administration                                         | 4,000              | 4,000              | √                                               |
|                                              | IGOE                                                                                                    | Cafeteria Plan Administration                                       | 2,400              | 660                | √                                               |
|                                              | Ralph Anderson & Associates                                                                             | Benchmark Study                                                     | 36,000             |                    | √                                               |
|                                              | Gladwell Services                                                                                       | Records Management Consulting                                       | 1,200              | 1,200              | √                                               |
|                                              | Health Equity                                                                                           | Health Equity                                                       |                    | 100                | √                                               |
| Governmental Affairs<br>(31)                 | BBK Legislation                                                                                         | State Legislative Advocate                                          | 96,000             | 96,000             | √                                               |
|                                              | James C. Barker                                                                                         | Federal Legislative Advocate                                        | 96,000             | -                  | √                                               |
|                                              | Lewis Consulting                                                                                        | County Issues Consulting                                            | 42,000             | 42,000             | √                                               |
|                                              | Soto Services                                                                                           | Grant Research and Acquisition Assistance                           | 36,000             | 39,000             | √                                               |
|                                              | Ackerman                                                                                                | Legal and Regulatory                                                | 36,000             | 36,000             | √                                               |
|                                              | Natural Resource Results                                                                                | Federal Legislative Advocate                                        |                    | 96,000             | √                                               |
| Public Affairs<br>(32)                       | Stetson Engineers                                                                                       | Consumer Confidence Report (CCR) Technical Water<br>Quality Advisor | 41,852             | 43,449             | √                                               |
|                                              | So Cal Water Coalition                                                                                  | Delta Conveyance Program Support                                    | 30,000             | 30,000             | √                                               |
|                                              | (To be determined)                                                                                      | Collateral materials update and<br>resolutions/proclamations        | 4,500              | 4,500              |                                                 |
|                                              | (To be determined)                                                                                      | Event Registration Fees                                             | 12,500             | 12,500             |                                                 |
|                                              | Hashtag Pinpoint                                                                                        | Strategic Digital Outreach Contract                                 | 95,000             | 95,000             | √                                               |
|                                              | (To be determined)                                                                                      | CA Water, Energy & Education Alliance                               | 5,000              | 5,000              |                                                 |
|                                              | (To be determined)                                                                                      | Client Agency Workshops for PAW                                     | 4,000              |                    |                                                 |
|                                              | (To be determined)                                                                                      | Wyland Mayors Challenge                                             | 10,000             | 10,000             |                                                 |
|                                              | PSAV                                                                                                    | Special Events AV Support                                           | 20,000             | 20,000             | √                                               |
|                                              | (To be determined)                                                                                      | Advertising                                                         | 20,000             | 20,000             |                                                 |
|                                              | (To be determined)                                                                                      | Environmental Literacy Initiative                                   | 20,000             | 25,000             |                                                 |
| WUE - Core (35)                              | (To be determined)                                                                                      | Scouts Program                                                      | 7,500              | 7,500              |                                                 |
|                                              | (To be determined)                                                                                      | General WUE Research                                                | 75,000             | 75,000             |                                                 |
|                                              | Blue Watchdog Conservation, Inc                                                                         | Landscape Education - QWEL License                                  | 500                |                    | √                                               |
|                                              | Water Systems Optimization                                                                              | Water Loss Control Work Grp (WLC)                                   | 55,000             | 55,000             | √                                               |
|                                              | Water Systems Optimization                                                                              | WLC Business Plan Implementation                                    | 25,000             | 25,000             | √                                               |
| Finance & IT<br>(41 & 45)                    | SAWPA                                                                                                   | Aerial Imagery and Landscape Measurement Project                    | 100,000            |                    | √                                               |
|                                              | U.S. Bank                                                                                               | Custodial Bank fees                                                 | 6,500              | 6,500              | √                                               |
|                                              | CalPERS                                                                                                 | CalPERS GASB 68 Report                                              |                    | 700                | √                                               |
|                                              | Davis Farr                                                                                              | Financial Consulting                                                | 20,000             | 15,000             | √                                               |
|                                              | Demsey Filliger & Assoc., LLC                                                                           | OPEB Actuarial                                                      | 3,750              | 750                | √                                               |
|                                              | Raftelis                                                                                                | Rate Study                                                          | 82,500             |                    | √                                               |
| Total Professional Fees                      |                                                                                                         |                                                                     | 988,202            | 765,859            |                                                 |

\* 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<br>FY 20-21 | Budget<br>FY 21-22 | * Approval<br>included in<br>Budget<br>Approval |
|--------------------------------------|---------------------------------|------------------------------------------------------|--------------------|--------------------|-------------------------------------------------|
| <b>Training</b>                      |                                 |                                                      |                    |                    |                                                 |
| <b>Water Loss Control<br/>(70)</b>   | (To be determined)              | Water Balance Validation Certification               | 2,000              | 2,000              |                                                 |
| <b>Professional Fees</b>             |                                 |                                                      |                    |                    |                                                 |
| <b>Water Loss Control<br/>(70)</b>   | Westerley & McCall's            | Meter Accuracy Testing                               | 62,801             | 65,000             | √                                               |
| <b>Water Use Efficiency<br/>(62)</b> | Various Printers                | Printing of marketing materials for all WUE programs | 40,000             | 40,000             | √                                               |
|                                      | Droplet                         | Web Based Rebate Processing Platform (Turf & Drip)   | 45,072             | 30,000             | √                                               |
|                                      | Droplet                         | E-Signature Rebate Processing                        | 7,500              | 7,100              | √                                               |
|                                      | Mission Resource Cnsvr District | Residential Installation Verification Inspections    | 35,000             | 50,000             | √                                               |
| <b>School Program (63)</b>           | Discovery Cube/Shows That       | Assemblies (Elementary School)                       | 285,123            | 290,807            | √                                               |
|                                      | Bolsa Chica Conservancy         | Assemblies (High School)                             | 64,800             | 66,142             | √                                               |
|                                      | Discovery Cube                  | Assemblies (Middle School)                           | 44,840             | 45,709             | √                                               |
| <b>Total Professional Fees</b>       |                                 |                                                      | <b>585,136</b>     | <b>594,758</b>     |                                                 |

\* 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 2019-2020 Consolidated Budget Summary**

|                                            | Core & Choice      | Water Fund         | WUE Grants<br>and Outside<br>Funding | WEROC          | AMP Proceeds<br>Agreement<br>Administration | Total with<br>Inter-Fund<br>Transfers | Less<br>Inter-Fund<br>Transfers(1) | Consolidated<br>Budget Total |
|--------------------------------------------|--------------------|--------------------|--------------------------------------|----------------|---------------------------------------------|---------------------------------------|------------------------------------|------------------------------|
| <b>Revenues:</b>                           |                    |                    |                                      |                |                                             |                                       |                                    |                              |
| Water Sales                                |                    | \$ 229,079,152     |                                      |                |                                             | \$ 229,079,152                        |                                    | \$ 229,079,152               |
| Local Resource Program Incentives          |                    | (4,881,259)        |                                      |                |                                             | (4,881,259)                           |                                    | (4,881,259)                  |
| Retail Meter Charge                        | 7,837,792          |                    |                                      |                |                                             | 7,837,792                             |                                    | 7,837,792                    |
| Ground Water Customer Charge               | 595,323            |                    |                                      |                |                                             | 595,323                               |                                    | 595,323                      |
| Water Increment Charge                     | -                  | 22,000             |                                      |                |                                             | -                                     |                                    | -                            |
| Interest Revenue                           | 458,000            |                    |                                      |                |                                             | 480,000                               |                                    | 480,000                      |
| MWDOC's Contribution                       | -                  |                    | 1,579,934                            | 241,236        | -                                           | 241,236                               | (241,236)                          | -                            |
| Outside Fundings                           | -                  |                    |                                      | 241,236        |                                             | 1,821,170                             |                                    | 1,821,170                    |
| Carryover Funds                            |                    |                    |                                      | -              |                                             | -                                     |                                    | -                            |
| Choice Revenue                             | 1,630,995          |                    |                                      |                |                                             | 1,630,995                             |                                    | 1,630,995                    |
| Miscellaneous Income                       | 3,000              |                    |                                      |                |                                             | 3,000                                 |                                    | 3,000                        |
| <b>Total Revenues</b>                      | <b>10,525,111</b>  | <b>224,219,893</b> | <b>1,579,934</b>                     | <b>482,472</b> | <b>-</b>                                    | <b>236,807,409</b>                    | <b>(241,236)</b>                   | <b>236,566,173</b>           |
| <b>Expenses:</b>                           |                    |                    |                                      |                |                                             |                                       |                                    |                              |
| Water Purchases                            |                    | 224,197,893        |                                      |                |                                             | 224,197,893                           |                                    | 224,197,893                  |
| Salaries & Wages                           | 4,152,075          |                    |                                      | 318,348        | -                                           | 4,470,423                             |                                    | 4,470,423                    |
| less S & W Reimb. DSC or Recov from Grants | -                  |                    |                                      |                |                                             | -                                     |                                    | -                            |
| Employee Benefits                          | 1,542,385          |                    |                                      | 105,792        | -                                           | 1,648,177                             |                                    | 1,648,177                    |
| Engineering Expense                        | 340,000            |                    |                                      |                |                                             | 340,000                               |                                    | 340,000                      |
| Professional Fees                          | 1,581,338          |                    |                                      |                |                                             | 3,161,272                             |                                    | 3,161,272                    |
| Contribution to Election Reserve           | -                  |                    | 1,579,934                            |                |                                             | -                                     |                                    | -                            |
| Legal Expense - General                    | 210,500            |                    |                                      |                |                                             | 210,500                               |                                    | 210,500                      |
| Maintenance Expense                        | 146,420            |                    |                                      | 3,900          |                                             | 150,320                               |                                    | 150,320                      |
| Insurance Expense                          | 110,000            |                    |                                      |                |                                             | 110,000                               |                                    | 110,000                      |
| Membership / Sponsorship                   | 127,161            |                    |                                      | 1,105          |                                             | 128,266                               |                                    | 128,266                      |
| Director Compensation                      | 258,909            |                    |                                      |                |                                             | 258,909                               |                                    | 258,909                      |
| MWDOC Contribution to WEROC Operations     | 241,236            |                    |                                      |                |                                             | 241,236                               | (241,236)                          | -                            |
| MWDOC Contribution to WEROC Capital Improv | -                  |                    |                                      |                |                                             | -                                     |                                    | -                            |
| <b>Others:</b>                             |                    |                    |                                      |                |                                             |                                       |                                    |                              |
| MWD Representation                         | 157,070            |                    |                                      |                |                                             | 157,070                               |                                    | 157,070                      |
| Director Benefits                          | 101,971            |                    |                                      |                |                                             | 101,971                               |                                    | 101,971                      |
| Health Insurance Coverage for Retirees     | 87,449             |                    |                                      |                |                                             | 87,449                                |                                    | 87,449                       |
| Audit Expense                              | 29,725             |                    |                                      |                |                                             | 29,725                                |                                    | 29,725                       |
| Automotive & Toll Road Expenses            | 28,650             |                    |                                      | 3,200          |                                             | 31,850                                |                                    | 31,850                       |
| Conference Expense - Staff                 | 26,515             |                    |                                      | 3,800          |                                             | 30,315                                |                                    | 30,315                       |
| Conference Expense - Directors             | 18,695             |                    |                                      |                |                                             | 18,695                                |                                    | 18,695                       |
| CDR Participation                          | 53,158             |                    |                                      |                |                                             | 53,158                                |                                    | 53,158                       |
| Business Expense                           | 4,500              |                    |                                      |                |                                             | 4,500                                 |                                    | 4,500                        |
| Miscellaneous Expense                      | 115,000            |                    |                                      | 6,000          |                                             | 121,000                               |                                    | 121,000                      |
| Postage / Mail Delivery                    | 9,300              |                    |                                      |                |                                             | 9,300                                 |                                    | 9,300                        |
| Rentals & Leases                           | 1,750              |                    |                                      |                |                                             | 1,750                                 |                                    | 1,750                        |
| Outside Printing, Subscription & Books     | 84,700             |                    |                                      | 1,000          |                                             | 85,700                                |                                    | 85,700                       |
| Office Supplies                            | 49,000             |                    |                                      | 1,800          |                                             | 50,800                                |                                    | 50,800                       |
| Computer Maintenance                       | 8,000              |                    |                                      | 5,060          |                                             | 13,060                                |                                    | 13,060                       |
| Software Support & Expense                 | 104,640            |                    |                                      | 9,491          |                                             | 114,131                               |                                    | 114,131                      |
| Computers and Equipment                    | 33,550             |                    |                                      |                |                                             | 33,550                                |                                    | 33,550                       |
| Telecommunications Expense                 | 30,850             |                    |                                      | 10,000         |                                             | 40,850                                |                                    | 40,850                       |
| Temporary Help Expense                     | 5,000              |                    |                                      |                |                                             | 5,000                                 |                                    | 5,000                        |
| Training Expense                           | 64,500             |                    |                                      | 8,226          |                                             | 72,726                                |                                    | 72,726                       |
| Tuition Reimbursement                      | 5,000              |                    |                                      |                |                                             | 5,000                                 |                                    | 5,000                        |
| Travel & Accommodations - Staff            | 62,495             |                    |                                      | 4,750          |                                             | 67,245                                |                                    | 67,245                       |
| Travel & Accommodations - Directors        | 24,900             |                    |                                      |                |                                             | 24,900                                |                                    | 24,900                       |
| Depreciation Expense (annualized)          | -                  |                    |                                      |                |                                             | -                                     |                                    | -                            |
| Overhead Expenses billed to AMP and WFC    | -                  |                    |                                      |                |                                             | -                                     |                                    | -                            |
| Overhead Reimbursement                     | -                  |                    |                                      |                |                                             | -                                     |                                    | -                            |
| MWDOC Building Expense                     | -                  |                    |                                      |                |                                             | -                                     |                                    | -                            |
| MWDOC Contribution to Operating Reserves   | 726,883            |                    |                                      |                |                                             | 726,883                               |                                    | 726,883                      |
| Capital Acquisition                        | 79,200             |                    |                                      |                |                                             | 79,200                                |                                    | 79,200                       |
| All Other Expenses                         | 1,912,501          |                    |                                      | 53,327         |                                             | 1,965,828                             |                                    | 1,965,828                    |
| <b>Total Expenses</b>                      | <b>10,622,524</b>  | <b>224,197,893</b> | <b>1,579,934</b>                     | <b>482,472</b> | <b>-</b>                                    | <b>236,882,823</b>                    | <b>(241,236)</b>                   | <b>236,641,588</b>           |
| <b>EFFECT ON RESERVES / FUND BALANCE</b>   | <b>\$ (97,413)</b> | <b>\$ 22,000</b>   | <b>(2)</b>                           | <b>\$ -</b>    | <b>\$ -</b>                                 | <b>\$ (75,414)</b>                    | <b>\$ -</b>                        | <b>\$ (75,415)</b>           |

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 2021-2022 Consolidated Budget Summary**

|                                            | Core & Choice     | Water Fund         | WUE Grants<br>and Outside<br>Funding | WEROC          | AMP Proceeds<br>Agreement<br>Administration | Total with<br>Inter-Fund<br>Transfers | Less<br>Inter-Fund<br>Transfers <sup>(1)</sup> | Consolidated<br>Budget Total |
|--------------------------------------------|-------------------|--------------------|--------------------------------------|----------------|---------------------------------------------|---------------------------------------|------------------------------------------------|------------------------------|
| <b>Revenues:</b>                           |                   |                    |                                      |                |                                             |                                       |                                                |                              |
| Water Sales                                |                   | \$ 175,452,389     |                                      |                |                                             | \$ 175,452,389                        |                                                | \$ 175,452,389               |
| Local Resource Program Incentives          |                   | (4,136,086)        |                                      |                |                                             | (4,136,086)                           |                                                | (4,136,086)                  |
| Retail Meter Charge                        | 8,100,086         |                    |                                      |                |                                             | 8,100,086                             |                                                | 8,100,086                    |
| Ground Water Customer Charge               | 571,251           |                    |                                      |                |                                             | 571,251                               |                                                | 571,251                      |
| Water Increment Charge                     | -                 |                    |                                      |                |                                             | -                                     |                                                | -                            |
| Interest Revenue                           | 220,000           | 10,500             |                                      |                |                                             | 230,500                               |                                                | 230,500                      |
| MWDOC's Contribution                       | -                 |                    | 2,618,752                            | 260,364        | 11,622                                      | 260,364                               | (260,364)                                      | -                            |
| Outside Fundings                           | -                 |                    |                                      | 260,364        |                                             | 2,890,738                             |                                                | 2,890,738                    |
| Carryover Funds                            | 1,619,511         |                    |                                      | -              |                                             | 1,619,511                             |                                                | 1,619,511                    |
| Choice Revenue                             | 3,000             |                    |                                      |                |                                             | 3,000                                 |                                                | 3,000                        |
| Miscellaneous Income                       |                   |                    |                                      |                |                                             |                                       |                                                |                              |
| <b>Total Revenues</b>                      | <b>10,513,848</b> | <b>171,326,801</b> | <b>2,618,752</b>                     | <b>520,728</b> | <b>11,622</b>                               | <b>184,991,752</b>                    | <b>(260,364)</b>                               | <b>184,731,388</b>           |
| <b>Expenses:</b>                           |                   |                    |                                      |                |                                             |                                       |                                                |                              |
| Water Purchases                            |                   | 171,316,301        |                                      |                |                                             | 171,316,301                           |                                                | 171,316,301                  |
| Salaries & Wages                           | 4,136,795         |                    |                                      | 350,181        | 3,238                                       | 4,490,214                             |                                                | 4,490,214                    |
| less S & W Reimb. DSC or Recov from Grants | (18,665)          |                    |                                      | (11,750)       |                                             | (30,415)                              |                                                | (30,415)                     |
| Employee Benefits                          | 1,561,043         |                    |                                      | 126,087        | 884                                         | 1,688,014                             |                                                | 1,688,014                    |
| Engineering Expense                        | 380,000           |                    |                                      |                |                                             | 380,000                               |                                                | 380,000                      |
| Professional Fees                          | 1,360,617         |                    | 2,618,752                            | -              |                                             | 3,979,369                             |                                                | 3,979,369                    |
| Contribution to Election Reserve           | -                 |                    |                                      |                |                                             | -                                     |                                                | -                            |
| Legal Expense - General                    | 225,000           |                    |                                      | -              | 7,500                                       | 232,500                               |                                                | 232,500                      |
| 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     | 260,364           |                    |                                      |                |                                             | 260,364                               | (260,364)                                      | -                            |
| MWDOC Contribution to WEROC Capital Improv | -                 |                    |                                      |                |                                             | -                                     |                                                | -                            |
| Others:                                    |                   |                    |                                      |                |                                             |                                       |                                                |                              |
| MWD Representation                         | 165,029           |                    |                                      |                |                                             | 165,029                               |                                                | 165,029                      |
| Director Benefits                          | 128,022           |                    |                                      |                |                                             | 128,022                               |                                                | 128,022                      |
| 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            |                    |                                      | 6,000          |                                             | 94,381                                |                                                | 94,381                       |
| Postage / Mail Delivery                    | 9,000             |                    |                                      |                |                                             | 9,000                                 |                                                | 9,000                        |
| 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                 | 93,980            |                    |                                      | 9,300          |                                             | 103,280                               |                                                | 103,280                      |
| 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            | 75,325            |                    |                                      | 4,750          |                                             | 80,075                                |                                                | 80,075                       |
| 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                         | 1,834,529         |                    |                                      | 51,660         |                                             | 1,886,189                             |                                                | 1,886,189                    |
| <b>Total Expenses</b>                      | <b>10,469,923</b> | <b>171,316,301</b> | <b>2,618,752</b>                     | <b>520,728</b> | <b>11,622</b>                               | <b>184,937,327</b>                    | <b>(260,364)</b>                               | <b>184,676,963</b>           |
| <b>EFFECT ON RESERVES / FUND BALANCE</b>   | <b>\$ 43,925</b>  | <b>\$ 10,500</b>   | <b>(2)</b>                           | <b>\$ -</b>    | <b>\$ -</b>                                 | <b>\$ 54,425</b>                      | <b>\$ -</b>                                    | <b>\$ 54,425</b>             |

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



**DISCUSSION ITEM**

February 10, 2021

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

**FROM:** Robert Hunter, General Manager

**Staff Contact:** Harvey De La Torre  
Hilary Chumpitazi

**SUBJECT: UPDATE ON MWD OC'S 2021 RATE STUDY**

**STAFF RECOMMENDATION**

---

Staff recommends the Administration & Finance Committee discuss and file this report.

**COMMITTEE RECOMMENDATION**

---

Committee recommends (To be determined at Committee Meeting)

**DETAILED REPORT**

---

MWD OC is in the process of conducting a Rate Study to be applied to this year's FY2021-22 District Budget. The 2021 Rate Study will include rate model options as well as a recommended rate structure & methodology. While satisfying future revenue requirements and meeting State law requirements, the recommended rate structure is intended to balance revenue stability, financial resiliency, and equity among member agencies. The guiding principles of the 2021 Rate Study remain legal compliance, fairness/equity, and revenue stability.

In November 2020, the MWD OC Board authorized Raftelis Financial Consultants, Inc. (Raftelis) to conduct the rate study services. Raftelis will provide updates at the Administration & Finance (A&F) Committee meetings during the 2021 Rate Study process.

At this February 10 A&F Committee meeting, Raftelis will present on the following:

- Introduction and schedule for the 2021 Rate Study
- Review of the 2016 Rate Study methodology
- Recap of feedback received thus far
- Approximation of MWD OC Core Charges based on varied methodology

|                                                              |                           |               |                  |
|--------------------------------------------------------------|---------------------------|---------------|------------------|
| <b>Budgeted (Y/N): Yes</b>                                   | Budgeted amount: \$82,500 | Core <u>X</u> | Choice <u>  </u> |
| <b>Action item amount: None</b>                              | Line item: 7040-2000-41   |               |                  |
| <b>Fiscal Impact (explain if unbudgeted):</b> Not applicable |                           |               |                  |

### **Schedule**

MWDOC intends to implement the results of the 2021 Rate Study into the District's FY2021-2022 Budget process. The first draft of the budget is produced in February 2021 with MWDOC Board approval of the final budget and rates anticipated in April 2021.

Below is the proposed schedule for engagement at both Member Agency and MWDOC Board/Committee meetings. The number of meetings will largely be determined by progress and feedback.

| <b>Date</b>     | <b>Meeting Type / Attendees</b> | <b>Goal / Topic</b>                                                                             |
|-----------------|---------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Jan 14</b>   | Member Agency Kick-off Meeting  | Introduce study and process / Rate setting principles / Discussion & input                      |
| <b>Jan 21</b>   | Member Agency Meeting           | Review survey results / Discussion & input                                                      |
| <b>Feb 10</b>   | Admin & Finance Committee       | Introduce study / Rate setting principles / Discussion / Show charges for top 4 rate structures |
| <b>Feb 18</b>   | Member Agency Meeting           | Discussion & input on alternative rates, show charges for top 4 rate structures                 |
| <b>March 10</b> | Admin & Finance Committee       | Update A & F                                                                                    |
| <b>March 18</b> | Member Agency Meeting           | Rate Structure MA Consensus                                                                     |
| <b>April 14</b> | Admin & Finance Committee       | Consensus on recommended rate structure                                                         |
| <b>April 21</b> | Board Meeting to adopt rates    | Board selects rates                                                                             |

### **Member Agency Engagement**

One of MWDOC's primary directives for the 2021 Rate Study is to ensure that stakeholders have an opportunity to participate in the development of the new rate structure. As part of the 2021 Rate Study process, MWDOC and Raftelis will utilize a combination of meetings with facilitated discussions, the use of survey instruments, and receipt of letters to offer ample opportunity for input to be provided.

On January 14, facilitated by Raftelis, MWDOC hosted a kick-off meeting for the 2021 Rate Study for the Member Agencies. Representatives from 22 Member Agencies participated. Concurrently, the Member Agencies were sent a survey to capture feedback on the current and previous rate study processes, and MWDOC's current rate structure components; 25 Member Agencies responded to this survey.

From January through April, Raftelis will facilitate discussions in conjunction with the monthly MWDOC Member Agency Manager's Meetings. These meetings, and future planned meetings, are being held to receive input from member agencies, which will be used gaining consensus on a rate structure recommendation that will be brought to the MWDOC Board.

### **Methodology for Approximation of Core Charges**

For discussion at the A&F Committee, Raftelis will be presenting an approximation of the MWDOC Core Charges using the FY 2020-21 Budget. Based on feedback received thus far, these rate structure alternatives were approximated utilizing varied methodologies for groundwater class and retail agency charges:

- Step 1: Groundwater Customer Class
  - Equally distribution of cost centers to all member agencies (1/26<sup>th</sup> of all cost centers; excluding WEROC)



- Groundwater customer class is allocated 4/29<sup>th</sup> of all cost centers
  - Current Method (Cost centers 21 and 23 based on 10-year historical average volumetric use from FY 2010-11 to FY 2019-20; all other cost centers equally distributed (1/26<sup>th</sup> of all cost centers; excluding WEROC)
- Step 2: Retail Agencies
  - Number of meters
  - Number if hydraulically equivalent meters
  - 10-year historical average volumetric use from FY 2010-11 to FY 2019-20
  - Population

**Attachment: Raftelis Presentation - MWDOC FY 2021 Rate Study (2/10/2021)**



# MWDOC Rate Study

A&F Committee Meeting

February 10, 2021

4

## Agenda



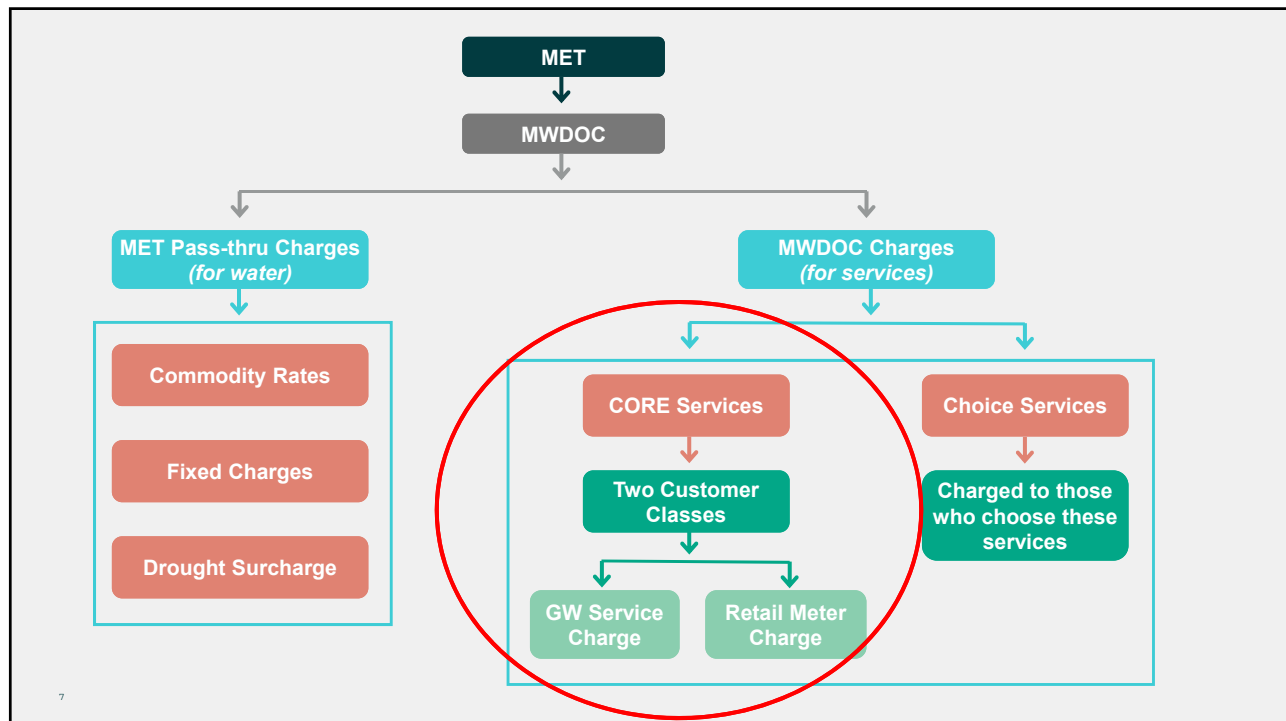
1. Introduction and Scheduled Rate Study Meetings
2. 2016 Rate Study Methodology
3. Recap of the Jan 14<sup>th</sup> Special Manager's Meeting
4. 2021 Rate Study Survey Results
5. Charges
6. Discussion

5

# FY 2021 MWDOC Rate Study



3



7

## MWDOC FY 2021 Rate Study – Meeting Schedule

Additional Meetings may be required depending on progress/feedback

| Date     | Meeting Type / Attendees       | Goal / Topic                                                                                    |
|----------|--------------------------------|-------------------------------------------------------------------------------------------------|
| Jan 14   | Member Agency Kick-off Meeting | Introduce study and process / Rate setting principles / Discussion & input                      |
| Jan 21   | Member Agency Meeting          | Review survey results / Discussion & input                                                      |
| Feb 10   | Admin & Finance Committee      | Introduce study / Rate setting principles / Discussion / Show charges for top 4 rate structures |
| Feb 18   | Member Agency Meeting          | Discussion & input on alternative rates, show charges for top 4 rate structures                 |
| March 10 | Admin & Finance Committee      | Update A & F                                                                                    |
| March 18 | Member Agency Meeting          | Rate Structure MA Consensus                                                                     |
| April 14 | Admin & Finance Committee      | Consensus on recommended rate structure                                                         |
| April 21 | Board Meeting to adopt rates   | Board selects rates                                                                             |

5

## Prior MWDOC Rate Study



6

## FY 2016 Rate Study Input Process



Surveyed member agencies and MWDOC staff to get their input on rate structure options



Presented survey results and four rate scenarios to member agencies  
Member agencies provided additional input



Board considered member agency input when selecting a rate structure that best met MWDOC's pricing objectives

7

## 2016 Survey Results (higher score is better)

| Rate Structure for MWDOC Core Services                         | Survey Respondents | MWDOC Staff | Raftelis |
|----------------------------------------------------------------|--------------------|-------------|----------|
| Number of member <b>agency meters</b> (current rate structure) | 3.2                | 3.3         | 3.0      |
| Number of member agency <b>meters by size</b>                  | 3.3                | 3.4         | 3.9      |
| Historical average (trailing # of years) of imported water use | 2.8                | 3.2         | 3.9      |
| <del>Turnout meters required to serve member agency</del>      | 2.2                | 2.1         | 2.0      |
| Population in member agency service area                       | 2.6                | 3.8         | 2.5      |
| <del>Number of member agencies (equally divided)</del>         | 1.8                | 2.1         | 2.2      |

8

## OCWD Does Not Have Meters

- Challenge: Consensus on charging based on meters, but Orange County Water District (OCWD) has no meters
- Yet, OCWD does receive service (and water) from MWDOC:
  - › Over a 10-year average (as of FY 2016 Study) OCWD was MWDOC's fourth largest water user<sup>1</sup> (uses 10.8% on average)
  - › MWDOC works with the Metropolitan Water District to coordinate and administer replenishment water, groundwater programs and advocacy
  - › These costs/services are reflected in Planning & Resource Development (Cost Center 21) and Met Issues and Special Projects (Cost Center 23)
  - › There is a cost associated with providing core services to OCWD, just like there is a cost for other retail agencies
  - › OCWD should be charged an appropriate amount

<sup>1</sup> OCWD is now MWDOC's largest water user using 19.4% as shown by average water use from FYE 2011 to FYE 2020

## Prior MWDOC Rate Methodology

### STEP 1

#### Determine GW Customer class costs (for Core services)

- OCWD is charged for cost centers 21 and 23 (Planning and Resource Development, Met Issues and Special Projects) by 10-year historical water use (10.8%)
- Remaining cost centers are equally divided (1/26) among OCWD and the remaining agencies (excluding WEROC)

### STEP 2

#### Allocate remaining core cost to retail agencies based on number of meters

WEROC = Water Emergency Response of Orange County

10



# Jan 14<sup>th</sup> Meeting Special Manager's Meeting



11

## Jan 14<sup>th</sup> Meeting – What we heard

### Regarding OCWD:

1. OCWD should be charged
2. Not in proportion to water use due to large swings in water needs. Volumetric water use is not a good nexus, i.e., it is not a good cost causation component
3. Discussed Rate Structure Alternatives
  - a. Contract
  - b. Equally - 1 / 26
  - c. Actual time & cost

### Regarding the fixed *retail* meter charge:

1. Many supported a fixed retail meter charge, based on the number of meters in each agency
2. Acknowledges MWDOC's core costs are not proportional to water use and provides fixed revenue for MWDOC



# FY 2021 MWDOC Rate Study



13

## Survey Results (25 out of 28 responded)



14

**Q8: Please rate your agreement with the following statement: A rate structure, in proportion to the number of meters (without accounting for meter size) is fair and equitable.**

- Answered: 22 Skipped: 3

| ANSWER CHOICES             | RESPONSES |    |
|----------------------------|-----------|----|
| Strongly agree             | 4.55%     | 1  |
| Agree                      | 59.09%    | 13 |
| Neither agree nor disagree | 13.64%    | 3  |
| Disagree                   | 9.09%     | 2  |
| Strongly disagree          | 13.64%    | 3  |
| TOTAL                      |           | 22 |

**Q10: Compared to MWDOC's current rate structure, in which each retail member agency pays based on the total number of meters without accounting for meter size, how would you rate the fairness and equity of a fixed charge, in which each agency pays in proportion to their total number of meters *accounting for meter size*.**

- Answered: 20 Skipped: 4

| ANSWER CHOICE RANGE | RESPONSES |    |
|---------------------|-----------|----|
| Much better         | 35.00%    | 7  |
| Somewhat better     | 10.00%    | 2  |
| About the same      | 45.00%    | 9  |
| Somewhat worse      | 5.00%     | 1  |
| Much worse          | 5.00%     | 1  |
| TOTAL               |           | 20 |

**Q11: Compared to MWDOC's current rate structure, in which each retail member agency pays based on the total number of meters without accounting for meter size, how would you rate the fairness and equity of a volumetric rate, in which each agency pays in proportion to the *volume* of water they purchase.**

- Answered: 14 Skipped: 11

| ANSWER CHOICE RANGE | RESPONSES |    |
|---------------------|-----------|----|
| Much better         | 35.71%    | 5  |
| Somewhat better     | 7.14%     | 1  |
| About the same      | 35.71%    | 5  |
| Somewhat worse      | 14.29%    | 2  |
| Much worse          | 7.14%     | 1  |
| TOTAL               |           | 14 |

**Q12: Compared to MWDOC's current rate structure, in which each retail member agency pays based on the total number of meters without accounting for meter size, how would you rate the fairness and equity of a population-based charge, in which each agency pays in proportion to their *population* served.**

- Answered: 14 Skipped: 10

| ANSWER CHOICE RANGE | RESPONSES |    |
|---------------------|-----------|----|
| Much better         | 7.14%     | 1  |
| Somewhat better     | 0.00%     | 0  |
| About the same      | 50.00%    | 7  |
| Somewhat worse      | 7.14%     | 1  |
| Much worse          | 35.71%    | 5  |
| TOTAL               |           | 14 |

## Q13: Is there another retail rate structure you feel is equitable?

Answered:7, Skipped 18

Seven answers:

1. Two answers – none that we can think of
2. Equally distribute 50% of the costs
3. Two NA's
4. We need to analyze equity between agencies with higher density (more meters but less water use) vs. agencies with less density (less meters but more water use per capita).
5. Rate structure that incorporates fixed charges based on meter size and inclining block volumetric rates (Complex, may not be applicable because it implies MWDOC core services are proportional to water use)

19

**Q15: Please rate your agreement with the following statement: A rate structure without a groundwater replenishment charge that therefore reallocates these (GW replenishment) costs to all other member agencies is fair and equitable.**

• Answered: 22 Skipped: 3

| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Yes            | 18.18%    | 4  |
| No             | 54.55%    | 12 |
| No Opinion     | 27.27%    | 6  |
| TOTAL          |           | 22 |

### Q16: Is there another rate structure for GW replenishment that you feel is equitable?

1. Answered:12, Skipped:13
2. GW charges need to be distributed through OCWD to include the three non-MWDOC cities
3. As a member of MWDOC and OCWD I don't want to be double charged
4. OCWD: pay on actual time and cost, Retail based on no. of meters.
5. OCWD: contract with true up at year's end
6. OCWD: not volumetrically but in line with actual services
7. OCWD pays 1/26<sup>th</sup> plus another 3/29<sup>th</sup> to account for the three non-MWDOC cities that benefit from GW recharge ( $\approx 3.8\% + 10.3\% = 14\%$ )
8. 1/28<sup>th</sup> (this includes the two agencies that are under parent agencies) of MWDOC's budget excluding WEROC<sup>1</sup>

21

<sup>1</sup>While MWDOC has 28 member agencies, it only bills 26 agencies as two agencies fall under parent agencies

### Q17: We will use surveys and member agency meetings to gather input. Are there additional ways to gather input?

Answered:11, Skipped:14

- Survey is good
- This should cover it
- Good method
- Two – “Noes”
- Listen
- Show us the rates
- Get letters from Member Agencies
- Keep it open and transparent
- Rob and Mike should sit down and develop a proposal

22

# Charges



23

## MWDOC Core Charges using FYE 2021 Budget

| Step 1: GW Customer Class | Cost Centers are Equally Distributed <sup>1</sup> (1/26 <sup>th</sup> of all cost centers)                                                                                                                                        |                    | GW Class is allocated 4/29 <sup>th</sup> of all cost centers | Current Method (Cost centers 21, 23 Volume <sup>2</sup> , all other cost centers 1 / 26 <sup>th</sup> <sup>3</sup> ) |                    |            |                                                          |                    |            |                         |                    |            |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------|------------|----------------------------------------------------------|--------------------|------------|-------------------------|--------------------|------------|
|                           | <sup>1</sup> Cost centers are distributed equally to all member agencies<br><sup>2</sup> Using 10-year average water use from FYE 2011 to FYE 2020<br><sup>3</sup> All other cost centers are equally distributed excluding WEROC |                    |                                                              |                                                                                                                      |                    |            |                                                          |                    |            |                         |                    |            |
|                           | \$X                                                                                                                                                                                                                               |                    | \$Y                                                          | \$Z                                                                                                                  |                    |            |                                                          |                    |            |                         |                    |            |
|                           |                                                                                                                                                                                                                                   |                    |                                                              |                                                                                                                      |                    |            |                                                          |                    |            |                         |                    |            |
| Step 2: Retail Agencies   | No. of Meters                                                                                                                                                                                                                     |                    |                                                              | No. of Hydraulically Equivalent Meters                                                                               |                    |            | 10-Year Historical Average Volumetric Use up to FYE 2020 |                    |            | Population              |                    |            |
|                           | 1 / 26 <sup>th</sup> GW                                                                                                                                                                                                           |                    | Current GW                                                   | 1 / 26 <sup>th</sup> GW                                                                                              |                    | Current GW | 1 / 26 <sup>th</sup> GW                                  |                    | Current GW | 1 / 26 <sup>th</sup> GW |                    | Current GW |
|                           | Allocation                                                                                                                                                                                                                        | 4/29 <sup>th</sup> | Allocation                                                   | Allocation                                                                                                           | 4/29 <sup>th</sup> | Allocation | Allocation                                               | 4/29 <sup>th</sup> | Allocation | Allocation              | 4/29 <sup>th</sup> | Allocation |
| Member Agency 1           | \$\$                                                                                                                                                                                                                              | \$\$               | \$\$                                                         | \$\$                                                                                                                 | \$\$               | \$\$       | \$\$                                                     | \$\$               | \$\$       | \$\$                    | \$\$               | \$\$       |
| through                   | \$\$                                                                                                                                                                                                                              | \$\$               | \$\$                                                         | \$\$                                                                                                                 | \$\$               | \$\$       | \$\$                                                     | \$\$               | \$\$       | \$\$                    | \$\$               | \$\$       |
| Member Agency 25          | \$\$                                                                                                                                                                                                                              | \$\$               | \$\$                                                         | \$\$                                                                                                                 | \$\$               | \$\$       | \$\$                                                     | \$\$               | \$\$       | \$\$                    | \$\$               | \$\$       |

24

## Qualifications

- MWDOC staff is still working with agencies to assess discrepancies between certified meter count and recent meter count by meter size

25

## GW Class Pays 1/26<sup>th</sup>

| FYE 2021 Core Service Cost Allocation | Retail Allocation:<br>Meters |                | Retail Allocation:<br>Equivalent Meters |                | Retail Allocation:<br>10-Yr Avg. Water Use |                | Retail Allocation:<br>Population |                |
|---------------------------------------|------------------------------|----------------|-----------------------------------------|----------------|--------------------------------------------|----------------|----------------------------------|----------------|
| Member Agency                         | \$ Allocation                | % Allocation   | \$ Allocation                           | % Allocation   | \$ Allocation                              | % Allocation   | \$ Allocation                    | % Allocation   |
| Brea, City of                         | \$173,420                    | 2.1%           | \$378,532                               | 4.5%           | \$102,773                                  | 1.2%           | \$157,032                        | 1.9%           |
| Buena Park, City of                   | \$243,273                    | 2.9%           | \$200,546                               | 2.4%           | \$189,734                                  | 2.2%           | \$284,225                        | 3.4%           |
| East Orange County Water District     | \$262,341                    | 3.1%           | \$158,457                               | 1.9%           | \$150,137                                  | 1.8%           | \$229,281                        | 2.7%           |
| El Toro Water District                | \$121,030                    | 1.4%           | \$108,204                               | 1.3%           | \$385,542                                  | 4.6%           | \$166,021                        | 2.0%           |
| Fountain Valley, City of              | \$212,857                    | 2.5%           | \$252,312                               | 3.0%           | \$133,214                                  | 1.6%           | \$196,639                        | 2.3%           |
| Garden Grove, City of                 | \$425,992                    | 5.1%           | \$322,830                               | 3.8%           | \$358,894                                  | 4.3%           | \$612,074                        | 7.3%           |
| Golden State Water Company            | \$532,137                    | 6.3%           | \$367,569                               | 4.4%           | \$367,789                                  | 4.4%           | \$582,526                        | 6.9%           |
| Huntington Beach, City of             | \$696,938                    | 8.3%           | \$575,864                               | 6.8%           | \$466,302                                  | 5.5%           | \$697,637                        | 8.3%           |
| Irvine Ranch Water District           | \$1,429,119                  | 16.9%          | \$1,552,699                             | 18.4%          | \$975,116                                  | 11.6%          | \$1,461,018                      | 17.3%          |
| La Habra, City of                     | \$183,933                    | 2.2%           | \$137,754                               | 1.6%           | \$24,088                                   | 0.3%           | \$214,575                        | 2.5%           |
| La Palma, City of                     | \$55,220                     | 0.7%           | \$47,375                                | 0.6%           | \$23,546                                   | 0.3%           | \$53,943                         | 0.6%           |
| Laguna Beach County Water District    | \$110,036                    | 1.3%           | \$77,802                                | 0.9%           | \$141,700                                  | 1.7%           | \$67,460                         | 0.8%           |
| Mesa Water District                   | \$305,746                    | 3.6%           | \$439,531                               | 5.2%           | \$101,348                                  | 1.2%           | \$390,302                        | 4.6%           |
| Moulton Niguel Water District         | \$665,967                    | 7.9%           | \$824,269                               | 9.8%           | \$1,226,555                                | 14.5%          | \$589,900                        | 7.0%           |
| Newport Beach, City of                | \$346,511                    | 4.1%           | \$270,121                               | 3.2%           | \$225,832                                  | 2.7%           | \$209,062                        | 2.5%           |
| Orange, City of                       | \$416,958                    | 4.9%           | \$373,336                               | 4.4%           | \$373,380                                  | 4.4%           | \$481,644                        | 5.7%           |
| Orange County Water District          | \$315,072                    | 3.7%           | \$315,072                               | 3.7%           | \$315,072                                  | 3.7%           | \$315,072                        | 3.7%           |
| San Clemente, City of                 | \$221,374                    | 2.6%           | \$235,916                               | 2.8%           | \$371,199                                  | 4.4%           | \$176,950                        | 2.1%           |
| San Juan Capistrano, City of          | \$146,479                    | 1.7%           | \$121,041                               | 1.4%           | \$243,095                                  | 2.9%           | \$132,720                        | 1.6%           |
| Santa Margarita Water District        | \$687,891                    | 8.2%           | \$872,669                               | 10.3%          | \$1,180,971                                | 14.0%          | \$558,811                        | 6.6%           |
| Seal Beach, City of                   | \$67,793                     | 0.8%           | \$85,160                                | 1.0%           | \$55,765                                   | 0.7%           | \$83,165                         | 1.0%           |
| Serrano Water District                | \$28,697                     | 0.3%           | \$12,381                                | 0.1%           | \$67,291                                   | 0.8%           | \$21,702                         | 0.3%           |
| South Coast Water District            | \$154,377                    | 1.8%           | \$133,189                               | 1.6%           | \$250,970                                  | 3.0%           | \$118,620                        | 1.4%           |
| Trabuco Canyon Water District         | \$51,505                     | 0.6%           | \$36,316                                | 0.4%           | \$117,997                                  | 1.4%           | \$44,774                         | 0.5%           |
| Westminster, City of                  | \$258,752                    | 3.1%           | \$231,867                               | 2.7%           | \$165,493                                  | 2.0%           | \$325,964                        | 3.9%           |
| Yorba Linda Water District            | \$319,697                    | 3.8%           | \$302,304                               | 3.6%           | \$419,313                                  | 5.0%           | \$261,996                        | 3.1%           |
| <b>Total</b>                          | <b>\$8,433,115</b>           | <b>100.00%</b> | <b>\$8,433,115</b>                      | <b>100.00%</b> | <b>\$8,433,115</b>                         | <b>100.00%</b> | <b>\$8,433,115</b>               | <b>100.00%</b> |

26



## GW Class Pays 4/29th

| FYE 2021 Core Service Cost Allocation | Retail Allocation:<br>Meters |                | Retail Allocation:<br>Equivalent Meters |                | Retail Allocation:<br>10-Yr Avg. Water Use |                | Retail Allocation:<br>Population |                |
|---------------------------------------|------------------------------|----------------|-----------------------------------------|----------------|--------------------------------------------|----------------|----------------------------------|----------------|
| Member Agency                         | \$ Allocation                | % Allocation   | \$ Allocation                           | % Allocation   | \$ Allocation                              | % Allocation   | \$ Allocation                    | % Allocation   |
| Brea, City of                         | \$156,013                    | 1.9%           | \$340,537                               | 4.0%           | \$92,457                                   | 1.1%           | \$141,270                        | 1.7%           |
| Buena Park, City of                   | \$218,854                    | 2.6%           | \$180,417                               | 2.1%           | \$170,690                                  | 2.0%           | \$255,697                        | 3.0%           |
| East Orange County Water District     | \$236,008                    | 2.8%           | \$142,552                               | 1.7%           | \$135,067                                  | 1.6%           | \$206,267                        | 2.4%           |
| El Toro Water District                | \$108,882                    | 1.3%           | \$97,343                                | 1.2%           | \$346,843                                  | 4.1%           | \$149,357                        | 1.8%           |
| Fountain Valley, City of              | \$191,492                    | 2.3%           | \$226,986                               | 2.7%           | \$119,843                                  | 1.4%           | \$176,902                        | 2.1%           |
| Garden Grove, City of                 | \$383,234                    | 4.5%           | \$290,426                               | 3.4%           | \$322,871                                  | 3.8%           | \$550,638                        | 6.5%           |
| Golden State Water Company            | \$478,724                    | 5.7%           | \$330,675                               | 3.9%           | \$330,872                                  | 3.9%           | \$524,056                        | 6.2%           |
| Huntington Beach, City of             | \$626,984                    | 7.4%           | \$518,062                               | 6.1%           | \$419,497                                  | 5.0%           | \$627,612                        | 7.4%           |
| Irvine Ranch Water District           | \$1,285,673                  | 15.2%          | \$1,396,848                             | 16.6%          | \$877,239                                  | 10.4%          | \$1,314,370                      | 15.6%          |
| La Habra, City of                     | \$165,471                    | 2.0%           | \$123,927                               | 1.5%           | \$21,670                                   | 0.3%           | \$193,037                        | 2.3%           |
| La Palma, City of                     | \$49,678                     | 0.6%           | \$42,620                                | 0.5%           | \$21,183                                   | 0.3%           | \$48,528                         | 0.6%           |
| Laguna Beach County Water District    | \$98,991                     | 1.2%           | \$69,993                                | 0.8%           | \$127,477                                  | 1.5%           | \$60,689                         | 0.7%           |
| Mesa Water District                   | \$275,057                    | 3.3%           | \$395,413                               | 4.7%           | \$91,175                                   | 1.1%           | \$351,126                        | 4.2%           |
| Moulton Niguel Water District         | \$599,121                    | 7.1%           | \$741,534                               | 8.8%           | \$1,103,441                                | 13.1%          | \$530,690                        | 6.3%           |
| Newport Beach, City of                | \$311,730                    | 3.7%           | \$243,008                               | 2.9%           | \$203,164                                  | 2.4%           | \$188,078                        | 2.2%           |
| Orange, City of                       | \$375,106                    | 4.4%           | \$335,863                               | 4.0%           | \$335,902                                  | 4.0%           | \$433,300                        | 5.1%           |
| Orange County Water District          | \$1,129,914                  | 13.4%          | \$1,129,914                             | 13.4%          | \$1,129,914                                | 13.4%          | \$1,129,914                      | 13.4%          |
| San Clemente, City of                 | \$199,154                    | 2.4%           | \$212,236                               | 2.5%           | \$333,940                                  | 4.0%           | \$159,189                        | 1.9%           |
| San Juan Capistrano, City of          | \$131,776                    | 1.6%           | \$108,891                               | 1.3%           | \$218,694                                  | 2.6%           | \$119,399                        | 1.4%           |
| Santa Margarita Water District        | \$618,844                    | 7.3%           | \$785,075                               | 9.3%           | \$1,062,432                                | 12.6%          | \$502,720                        | 6.0%           |
| Seal Beach, City of                   | \$60,989                     | 0.7%           | \$76,612                                | 0.9%           | \$50,168                                   | 0.6%           | \$74,817                         | 0.9%           |
| Serrano Water District                | \$25,816                     | 0.3%           | \$11,138                                | 0.1%           | \$60,537                                   | 0.7%           | \$19,524                         | 0.2%           |
| South Coast Water District            | \$138,881                    | 1.6%           | \$119,820                               | 1.4%           | \$225,779                                  | 2.7%           | \$106,714                        | 1.3%           |
| Trabuco Canyon Water District         | \$46,335                     | 0.5%           | \$32,671                                | 0.4%           | \$106,153                                  | 1.3%           | \$40,280                         | 0.5%           |
| Westminster, City of                  | \$232,780                    | 2.8%           | \$208,593                               | 2.5%           | \$148,882                                  | 1.8%           | \$293,245                        | 3.5%           |
| Yorba Linda Water District            | \$287,607                    | 3.4%           | \$271,961                               | 3.2%           | \$377,225                                  | 4.5%           | \$235,699                        | 2.8%           |
| <b>Total</b>                          | <b>\$8,433,115</b>           | <b>100.00%</b> | <b>\$8,433,115</b>                      | <b>100.00%</b> | <b>\$8,433,115</b>                         | <b>100.00%</b> | <b>\$8,433,115</b>               | <b>100.00%</b> |

27

## GW Class Pays Based on Current Method\*

| FYE 2021 Core Service Cost Allocation | Retail Allocation:<br>Meters |                | Retail Allocation:<br>Equivalent Meters |                | Retail Allocation:<br>10-Yr Avg. Water Use |                | Retail Allocation:<br>Population |                |
|---------------------------------------|------------------------------|----------------|-----------------------------------------|----------------|--------------------------------------------|----------------|----------------------------------|----------------|
| Member Agency                         | \$ Allocation                | % Allocation   | \$ Allocation                           | % Allocation   | \$ Allocation                              | % Allocation   | \$ Allocation                    | % Allocation   |
| Brea, City of                         | \$167,714                    | 2.0%           | \$366,078                               | 4.3%           | \$99,391                                   | 1.2%           | \$151,866                        | 1.8%           |
| Buena Park, City of                   | \$235,269                    | 2.8%           | \$193,948                               | 2.3%           | \$183,492                                  | 2.2%           | \$274,874                        | 3.3%           |
| East Orange County Water District     | \$253,709                    | 3.0%           | \$153,243                               | 1.8%           | \$145,197                                  | 1.7%           | \$221,738                        | 2.6%           |
| El Toro Water District                | \$117,048                    | 1.4%           | \$104,644                               | 1.2%           | \$372,857                                  | 4.4%           | \$160,559                        | 1.9%           |
| Fountain Valley, City of              | \$205,854                    | 2.4%           | \$244,010                               | 2.9%           | \$128,831                                  | 1.5%           | \$190,170                        | 2.3%           |
| Garden Grove, City of                 | \$411,977                    | 4.9%           | \$312,208                               | 3.7%           | \$347,086                                  | 4.1%           | \$591,936                        | 7.0%           |
| Golden State Water Company            | \$514,629                    | 6.1%           | \$355,476                               | 4.2%           | \$355,688                                  | 4.2%           | \$563,361                        | 6.7%           |
| Huntington Beach, City of             | \$674,008                    | 8.0%           | \$556,918                               | 6.6%           | \$450,960                                  | 5.3%           | \$674,684                        | 8.0%           |
| Irvine Ranch Water District           | \$1,382,100                  | 16.4%          | \$1,501,614                             | 17.8%          | \$943,033                                  | 11.2%          | \$1,412,949                      | 16.8%          |
| La Habra, City of                     | \$177,881                    | 2.1%           | \$133,222                               | 1.6%           | \$23,295                                   | 0.3%           | \$207,515                        | 2.5%           |
| La Palma, City of                     | \$53,404                     | 0.6%           | \$45,816                                | 0.5%           | \$22,771                                   | 0.3%           | \$52,168                         | 0.6%           |
| Laguna Beach County Water District    | \$106,416                    | 1.3%           | \$75,242                                | 0.9%           | \$137,038                                  | 1.6%           | \$65,241                         | 0.8%           |
| Mesa Water District                   | \$295,687                    | 3.5%           | \$425,070                               | 5.0%           | \$98,013                                   | 1.2%           | \$377,461                        | 4.5%           |
| Moulton Niguel Water District         | \$644,056                    | 7.6%           | \$797,150                               | 9.5%           | \$1,186,201                                | 14.1%          | \$570,492                        | 6.8%           |
| Newport Beach, City of                | \$335,110                    | 4.0%           | \$261,233                               | 3.1%           | \$218,402                                  | 2.6%           | \$202,184                        | 2.4%           |
| Orange, City of                       | \$403,239                    | 4.8%           | \$361,053                               | 4.3%           | \$361,095                                  | 4.3%           | \$465,798                        | 5.5%           |
| Orange County Water District          | \$582,164                    | 6.9%           | \$582,164                               | 6.9%           | \$582,164                                  | 6.9%           | \$582,164                        | 6.9%           |
| San Clemente, City of                 | \$214,091                    | 2.5%           | \$228,154                               | 2.7%           | \$358,986                                  | 4.3%           | \$171,128                        | 2.0%           |
| San Juan Capistrano, City of          | \$141,660                    | 1.7%           | \$117,058                               | 1.4%           | \$235,097                                  | 2.8%           | \$128,354                        | 1.5%           |
| Santa Margarita Water District        | \$665,259                    | 7.9%           | \$843,957                               | 10.0%          | \$1,142,116                                | 13.5%          | \$540,425                        | 6.4%           |
| Seal Beach, City of                   | \$65,563                     | 0.8%           | \$82,358                                | 1.0%           | \$53,931                                   | 0.6%           | \$80,428                         | 1.0%           |
| Serrano Water District                | \$27,753                     | 0.3%           | \$11,973                                | 0.1%           | \$65,077                                   | 0.8%           | \$20,988                         | 0.2%           |
| South Coast Water District            | \$149,298                    | 1.8%           | \$128,807                               | 1.5%           | \$242,713                                  | 2.9%           | \$114,718                        | 1.4%           |
| Trabuco Canyon Water District         | \$49,811                     | 0.6%           | \$35,121                                | 0.4%           | \$114,115                                  | 1.4%           | \$43,301                         | 0.5%           |
| Westminster, City of                  | \$250,239                    | 3.0%           | \$224,238                               | 2.7%           | \$160,048                                  | 1.9%           | \$315,239                        | 3.7%           |
| Yorba Linda Water District            | \$309,178                    | 3.7%           | \$292,358                               | 3.5%           | \$405,517                                  | 4.8%           | \$253,376                        | 3.0%           |
| <b>Total</b>                          | <b>\$8,433,115</b>           | <b>100.00%</b> | <b>\$8,433,115</b>                      | <b>100.00%</b> | <b>\$8,433,115</b>                         | <b>100.00%</b> | <b>\$8,433,115</b>               | <b>100.00%</b> |

<sup>28</sup> \*Current GW allocation: Cost Centers 21 & 23 based on 10-year average water use; all other cost centers (excluding WEROC) equal to 1/26 of total

## Comparing Two Approaches for the GW Class: 1/26<sup>th</sup> vs Current Method

| FYE 2021 Core Service Cost Allocation | GW Allocation: 1/26th<br>Retail Allocation: Meters | GW Allocation: Current<br>Retail Allocation: Meters | \$ Difference |
|---------------------------------------|----------------------------------------------------|-----------------------------------------------------|---------------|
| Brea, City of                         | \$173,420                                          | \$167,714                                           | \$5,706       |
| Buena Park, City of                   | \$243,273                                          | \$235,269                                           | \$8,004       |
| East Orange County Water District     | \$262,341                                          | \$253,709                                           | \$8,632       |
| El Toro Water District                | \$121,030                                          | \$117,048                                           | \$3,982       |
| Fountain Valley, City of              | \$212,857                                          | \$205,854                                           | \$7,003       |
| Garden Grove, City of                 | \$425,992                                          | \$411,977                                           | \$14,015      |
| Golden State Water Company            | \$532,137                                          | \$514,629                                           | \$17,508      |
| Huntington Beach, City of             | \$696,938                                          | \$674,008                                           | \$22,930      |
| Irvine Ranch Water District           | \$1,429,119                                        | \$1,382,100                                         | \$47,019      |
| La Habra, City of                     | \$183,933                                          | \$177,881                                           | \$6,052       |
| La Palma, City of                     | \$55,220                                           | \$53,404                                            | \$1,816       |
| Laguna Beach County Water District    | \$110,036                                          | \$106,416                                           | \$3,620       |
| Mesa Water District                   | \$305,746                                          | \$295,687                                           | \$10,059      |
| Moulton Niguel Water District         | \$665,967                                          | \$644,056                                           | \$21,911      |
| Newport Beach, City of                | \$346,511                                          | \$335,110                                           | \$11,401      |
| Orange, City of                       | \$416,958                                          | \$403,239                                           | \$13,719      |
| Orange County Water District          | \$315,072                                          | <b>\$582,164</b>                                    | (\$267,092)   |
| San Clemente, City of                 | \$221,374                                          | \$214,091                                           | \$7,283       |
| San Juan Capistrano, City of          | \$146,479                                          | \$141,660                                           | \$4,819       |
| Santa Margarita Water District        | \$687,891                                          | \$665,259                                           | \$22,632      |
| Seal Beach, City of                   | \$67,793                                           | \$65,563                                            | \$2,230       |
| Serrano Water District                | \$28,697                                           | \$27,753                                            | \$944         |
| South Coast Water District            | \$154,377                                          | \$149,298                                           | \$5,079       |
| Trabuco Canyon Water District         | \$51,505                                           | \$49,811                                            | \$1,694       |
| Westminster, City of                  | \$258,752                                          | \$250,239                                           | \$8,513       |
| Yorba Linda Water District            | \$319,697                                          | \$309,178                                           | \$10,519      |
| <b>Total</b>                          | <b>\$8,433,115</b>                                 | <b>\$8,433,115</b>                                  | <b>\$0</b>    |

29

## Summary

1. OCWD should be charged, but how much?
  - i. 1/26<sup>th</sup> meaning they are an average agency in terms of time and effort = 3.7% of CORE budget (without WEROC)
  - ii. 4/29<sup>th</sup> = 13.7% of CORE budget (without WEROC)
  - iii. Current method\* = 6.9% of CORE budget (without WEROC)

\*Cost centers 21 and 23 are allocated in proportion to 10-year average water use, the rest of the cost centers are allocated equally (1/26)

30

# A & F Committee Feedback



31

# Q&A

32



# Thank you!

**Contact:**

Steve Gagnon  
P: 213.262.9308 / E: [sgagnon@raftelis.com](mailto:sgagnon@raftelis.com)

Sanjay Gaur  
P: 213.262.9304 / E: [sgaur@raftelis.com](mailto:sgaur@raftelis.com)



**DISCUSSION ITEM**

February 10, 2021

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

**FROM: Robert Hunter, General Manager**

**SUBJECT: Annual Review of Coastal Municipal Water District Issues**

**STAFF RECOMMENDATION**

---

Staff recommends the Administration & Finance Committee: Review and discuss whether to amend the Administrative Code by eliminating the annual review by the Administration & Finance Committee of this Section of the Administrative Code.

**COMMITTEE RECOMMENDATION**

---

Committee recommends (To be determined at Committee Meeting)

**DETAILED REPORT**

---

Below is the excerpt from the Administrative Code relative to outstanding issues involving MWDOC's consolidation with Coastal Municipal Water District.

Staff has reviewed the sections and although staff does not recommend any substantive changes at this time (the last substantive change was made to this Section in 2011 and has been reviewed each year since; minor changes were made during the Administrative Review process in 2015), it was suggested that the Administration & Finance Committee discuss whether to amend this portion of the Administrative Code by eliminating the requirement for an annual review. Said sentence is highlighted in yellow below; if the Committee recommends this sentence be deleted from Administrative Code Section 12000, this item will be presented to the Board for consideration.

|                                               |                  |            |             |
|-----------------------------------------------|------------------|------------|-------------|
| <b>Budgeted (Y/N):</b> N/A                    | Budgeted amount: | Core ____  | Choice ____ |
| <b>Action item amount:</b>                    |                  | Line item: |             |
| <b>Fiscal Impact (explain if unbudgeted):</b> |                  |            |             |

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

|                                           |                     |
|-------------------------------------------|---------------------|
| <b>MWDOC/COASTAL CONSOLIDATION ISSUES</b> | <b>§12000-12002</b> |
|-------------------------------------------|---------------------|

**§12000 INTRODUCTION**

MWDOC and Coastal MWD consolidated effective January 17, 2001. Many factors and issues were evaluated in bringing the two agencies together. MWDOC has documented several of the issues in the event they become important for future consideration. **The Administration & Finance Committee shall review these issues on an annual basis until such time as the Administration & Finance Committee determines a review is no longer necessary.**

**§12001 Standby Charge Levied in MWDOC and Coastal Service Areas**

This is an issue has to do with the level of Standby Charge being levied in the MWDOC service area of \$10.09 per acre or per parcel less than an acre and a similar but higher charge of \$11.60 in the Coastal service area. The Standby Charge levied by MET is higher in the Coastal service area because at the time the Standby Charge was established by MET (1993), it was partially based on the dependence on imported water to the member agency service area. Since the Coastal service area had proportionally fewer groundwater resources than the MWDOC service area, the charge was higher. Amounts raised by MET through the Standby Charge are forwarded to each participating MET member agency (including MWDOC and Coastal) as credits against the amount owing under MET's Readiness-to Serve Charge. The higher charge in the Coastal service area generates about \$120,000 per year more than if the charge was reduced to \$10.09 to match the MWDOC service area standby charge.

During the consolidation transition period (from 1998-2000), MET engaged in continued discussions regarding restructuring of its rates and charges, and the continued levy of a MET Readiness-to-Serve Charge was often in doubt. Consequently, no action was taken by Coastal or MWDOC to request that MET equalize the two charges. The only reason for retaining this item is to be aware of the different levels of the Standby Charge in the event MET ever changes its rate structure.

**§12002 MET Capacity Provided in the EOCF#2 for the Coastal Service Area**

The East Orange County Feeder Number 2 (EOCF#2) is a 25-mile long treated water transmission main, constructed in 1962 by MET, Anaheim, Santa Ana, MWDOC and Coastal. The purpose of the pipeline was to increase the treated water capacity to southeastern Orange County and to replace capacity to Anaheim, Santa Ana and Coastal that had been used in the Orange County Feeder by the growing MWDOC service area. It should be remembered that upon the formation of the MWDOC service

area in 1951 the Anaheim and Santa Ana city service areas from MET had been frozen and the growing portions of these cities beyond the boundaries as they existed in 1951 was included as part of the MWDOC service area. That has since been changed.

Coastal MWD purchased 10.0 cfs of capacity in the EOCF#2 as it was constructed. This capacity has since been assigned to the retail agencies within Coastal (July 2000). In addition, MET provided 84 cfs of oversizing capacity in the facility to meet the additional needs of Coastal and the original city areas of Anaheim, Fullerton and Santa Ana. MET's 84 cfs of capacity provided was designated to the following areas:

| Agency    | cfs |
|-----------|-----|
| Anaheim   | 6   |
| Santa Ana | 15  |
| Coastal   | 63  |
|           |     |
| Met Total | 84  |

In MET Resolution 6635, adopted January 12, 1965, it was noted that:

"the capacities allocated to MET in the several reaches of the East Orange County Feeder No. 2 shall be used for delivery of water to said older member cities to meet their requirements for services to areas which were within their boundaries on November 26, 1951, the date of the annexation of Orange County Municipal Water District to MET and to the Coastal Municipal Water District as it was constituted on January 1, 1955, until such time as like delivery of water can be made to them in whole or in part through other facilities, provided, that until such conveyance capacity is needed for delivery to such older members for such purpose and always subject to the policy declared herein as to such older members, it may be used by MET for the sale and delivery of water in accordance with the provisions of the Metropolitan Water District Act. . . . "

The exact meaning of this section in today's context given that MET has provided capacity in the Allen McColloch Pipeline and South County Pipeline facilities to serve both MWDOC and Coastal, has not been fully analyzed or debated with MET. Rather, the purpose of this section is to raise the issue and provide that the consolidation of MWDOC and Coastal shall not in any manner erode or diminish any rights that the retail agencies within the Coastal service area may have or be able to assert with respect to any or all of the 63 cfs of capacity in the EOCF#2 provided by MET.

---

M-5/2005; M-2/16/11; M-6/17/15



**Municipal Water District of Orange County**  
**Legal and Professional Services Open Purchase Orders**  
**as of December 31, 2020**

| Department                                          | Consultant                           | Purpose                                                                                  | Approval Method                       | PO #    | Date Opened | PO Amount including prior year increases | PO Increase/Decrease | Expensed This Fiscal Year | Total Expensed | Remaining Amount | % Complete |
|-----------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------|---------|-------------|------------------------------------------|----------------------|---------------------------|----------------|------------------|------------|
| <b>Engineering Expenses</b>                         |                                      |                                                                                          |                                       |         |             |                                          |                      |                           |                |                  |            |
| Planning & Operation, MET Issues & Special Projects | Arcadis US Inc                       | Urban Water Management Plan Development services                                         | Board Approval 8/19/20                | PO 4565 | 8/19/20     | 911,990.00                               |                      | 147,167.60                | 147,167.60     | 764,822.40       | 16%        |
|                                                     | Black & Veatch                       | Services for Hydraulic Model Phase 2 build and model calibration                         | Board Approval 5/20/20                | PO 4488 | 6/1/20      | 207,372.00                               |                      | 99,771.00                 | 102,863.50     | 104,518.50       | 50%        |
|                                                     | Brattle Group Inc                    | Scoping document value of water supply reliability                                       | GM Approved 3/23/20                   | PO 4436 | 6/1/20      | 15,000.00                                |                      | 13,600.00                 | 13,600.00      | 1,400.00         | 91%        |
|                                                     | CDM Smith                            | Water Resources Planning Services                                                        | Board Approval 12/19/18               | PO 4019 | 6/1/19      | 65,000.00                                | 116,465.00           | 50,164.25                 | 88,809.95      | 92,655.05        | 49%        |
|                                                     | Flume Inc                            | End Use Study                                                                            | Board Approval 2/19/20                | PO 4415 | 5/1/20      | 40,000.00                                |                      |                           |                | 40,000.00        | 0%         |
| <b>Legal Expenses</b>                               |                                      |                                                                                          |                                       |         |             |                                          |                      |                           |                |                  |            |
| Administration                                      | Means Consulting, LLC                | Consulting on MET Issues & Strategic Guidance to Engineering Dept.                       | Budget Approval                       | PO 4481 | 7/1/20      | 25,000.00                                |                      | 9,125.00                  | 9,125.00       | 15,875.00        | 37%        |
|                                                     | Aleshire & Wynder LLP                | Legal Council Services                                                                   | Budget Approval                       | PO 4507 | 7/1/20      | 15,000.00                                |                      | 9,768.50                  | 9,768.50       | 5,231.50         | 65%        |
|                                                     | Best Best & Krieger LLP              | Legal Council Services                                                                   | Board Approval 8/16/17                | PO 4483 | 7/1/20      | 185,500.00                               |                      | 85,956.75                 | 85,956.75      | 99,543.25        | 46%        |
| Building Expense & Capital Acq.                     | Best Best & Krieger LLP              | Legal Council Services- Personnel Issues                                                 | Board Approval 8/16/17                | PO 4483 | 7/1/20      | 10,000.00                                |                      | 1,262.10                  | 1,262.10       | 8,737.90         | 13%        |
|                                                     | ABS Consulting                       | Owner's Representative services for MWDOC Office Remodel                                 | Board Approval 2/19/20 & 10/21/20     | PO 4350 | 4/22/20     | 257,706.00                               | 36,900.00            | 84,642.20                 | 154,928.70     | 139,677.30       | 53%        |
|                                                     | Bangl Creative Inc.                  | Design, Fabrication & Installation of Hallway Displays                                   | Board Approval 5/17/17                | PO 3102 | 6/1/17      | 33,167.00                                |                      |                           | 16,230.00      | 16,937.00        | 49%        |
| Overhead                                            | Fenagh LLC                           | On-site Testing and Inspection of Structural Steel and Concrete for MWDOC Office Remodel | GM Approved 10/8/20                   | PO 4561 | 10/21/20    | 10,294.00                                |                      | 1,225.15                  | 1,225.15       | 9,068.85         | 12%        |
|                                                     | IDS Group                            | Office Space Planning                                                                    | Board Approval 11/15/17 & GM Approval | PO 3377 | 3/7/18      | 65,886.00                                |                      | 6,616.60                  | 58,722.60      | 7,163.40         | 89%        |
|                                                     | IDS Group                            | Seismic Design & Project Support for MWDOC Office Remodel                                | Board Approval 9/19/18 & GM Approval  | PO 3739 | 12/1/18     | 145,620.00                               | 58,667.00            | 47,559.96                 | 108,049.96     | 96,237.04        | 53%        |
|                                                     | New Line Fire                        | Engineering Fire Alarm System for MWDOC Office Remodel                                   | GM Approved 7/8/20                    | PO 4459 | 7/8/20      | 18,600.00                                |                      | 3,500.00                  | 3,500.00       | 15,100.00        | 19%        |
|                                                     | Optima RPM Inc                       | MWDOC Office Seismic Improvements and Remodel                                            | Board Approval 10/21/20               | PO 4571 | 12/10/20    | 1,606,878.00                             | 17,762.88            | 318,212.43                | 318,212.43     | 1,306,428.45     | 20%        |
|                                                     | Pacific Environmental Co             | Asbestos Abatement Air Monitoring for MWDOC Office Remodel                               | GM Approval 10/8/20                   | PO 4562 | 10/21/20    | 17,620.00                                |                      | 3,300.00                  | 3,300.00       | 14,320.00        | 19%        |
|                                                     | Sunbelt Controls                     | HVAC Building Automation & Management System                                             | GM Approval 6/25/20                   | PO 4489 | 7/2/20      | 4,449.00                                 |                      |                           |                | 4,449.00         | 0%         |
|                                                     | Dissinger Associates                 | Pension Plan Administration                                                              | Budget Approval                       | PO 4478 | 7/1/20      | 4,000.00                                 |                      | 50.00                     | 50.00          | 3,950.00         | 1%         |
|                                                     | Gladwell Governmental Services, Inc. | Records Management Consulting                                                            | Budget Approval                       | PO 4457 | 7/1/20      | 1,200.00                                 |                      |                           |                | 1,200.00         | 0%         |
|                                                     | Municipal Resource Group, LLC        | Performance Management Evaluation and Implementation                                     | GM Approval 5/9/19                    | PO 3909 | 5/9/19      | 22,500.00                                |                      |                           | 13,604.40      | 8,895.60         | 60%        |
| Finance / IT                                        | Municipal Resource Group, LLC        | Online Custom Training workshops                                                         | Board Approval 12/18/19               | PO 4580 | 1/17/21     | 34,000.00                                |                      |                           |                | 34,000.00        | 0%         |
|                                                     | Ralph Andersen & Associates          | Classification and Comp Study                                                            | Budget Approval                       | PO 4570 | 12/10/20    | 29,800.00                                |                      |                           |                | 29,800.00        | 0%         |
|                                                     | WagesWorks Inc.                      | Cafeteria Plan Administrative                                                            | Budget Approval                       | PO 4456 | 7/1/2020    | 2,400.00                                 |                      | 1,208.88                  | 1,208.88       | 1,191.12         | 50%        |
|                                                     | ComputerWorks NFP Solutions          | AccuFund Implementation costs                                                            | Budget Approval                       | PO 4500 | 8/19/20     | 78,035.00                                |                      | 62,325.00                 | 62,325.00      | 15,710.00        | 80%        |
|                                                     | Davis Farr LLP                       | Financial Consulting Services                                                            | Board Approval 5/17/17                | PO 4491 | 7/1/20      | 20,000.00                                |                      | 4,824.75                  | 4,824.75       | 15,175.25        | 24%        |
| Government                                          | Public Financial Management, Inc.    | Financial Management Policies                                                            | GM Approval 10/1/16                   | PO 3154 | 6/1/17      | 20,000.00                                |                      | 6,075.00                  | 6,075.00       | 13,925.00        | 30%        |
|                                                     | Raffelis Financial Consultants       | Rate Study Services                                                                      | Board Approval 11/18/20               | PO 4577 | 12/1/20     | 67,405.00                                |                      |                           |                | 67,405.00        | 0%         |
|                                                     | Ackerman Consulting                  | Legal and Regulatory Matters consulting                                                  | Board Approval 6/19/19                | PO 4432 | 7/1/20      | 36,000.00                                |                      | 16,775.00                 | 16,775.00      | 19,225.00        | 47%        |
|                                                     | Soto Resources (Joey C. Soto)        | Grant Research and Acquisition Assistance                                                | Board Approval 5/20/20                | PO 4503 | 8/20/20     | 39,000.00                                |                      | 19,500.00                 | 19,500.00      | 19,500.00        | 50%        |
|                                                     | Bolsa Chica Conservancy              | Choice High School Program                                                               | Board Approval 4/17/19                | PO 4528 | 8/26/20     | 64,800.00                                |                      |                           |                | 64,800.00        | 0%         |
| Public Affairs                                      | Building Block Entertainment, Inc.   | Choice Elementary School Program (K-2)                                                   | Board Approval 4/17/19                | PO 4527 | 8/26/20     | 107,840.00                               |                      | 14,630.00                 | 14,630.00      | 93,210.00        | 14%        |
|                                                     | Discovery Science Center             | Choice Elementary and Middle School Program (3-8)                                        | Board Approval 4/17/19                | PO 4534 | 9/18/20     | 222,123.00                               |                      | 5,085.00                  | 5,085.00       | 217,038.00       | 2%         |
| <b>202 of 225</b>                                   |                                      |                                                                                          |                                       |         |             |                                          |                      |                           |                |                  |            |
| Public Affairs                                      | Hashtag Pinpoint Corporation         | Strategic Digital Communications Consulting Services                                     | Board Approval 9/19/18                | PO 4452 | 7/1/20      | 95,000.00                                |                      | 47,478.00                 | 47,478.00      | 47,522.00        | 50%        |
|                                                     |                                      |                                                                                          |                                       |         |             |                                          |                      |                           |                |                  |            |

**Municipal Water District of Orange County**  
**Legal and Professional Services Open Purchase Orders**  
as of December 31, 2020

| Department                               | Consultant                                                         | Purpose                                                 | Approval Method                  | PO #    | Date Opened | PO Amount including prior year increases | PO Increase/Decrease | Expensed This Fiscal Year | Total Expensed      | Remaining Amount    | % Complete |
|------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|---------|-------------|------------------------------------------|----------------------|---------------------------|---------------------|---------------------|------------|
| <b>Professional Expenses (Continued)</b> |                                                                    |                                                         |                                  |         |             |                                          |                      |                           |                     |                     |            |
| Water Use Efficiency                     | Blue Watchdog Conservation, Inc.                                   | Instructors for QWEL Training Program                   | Board Approval 3/21/18           | PO 3448 | 4/2/18      | 40,000.00                                |                      |                           | 19,418.56           | 20,581.44           | 49%        |
|                                          | EcoTech Services Inc and Large Plumbing                            | Pressure Regulating Valve Replacement Program           | Board Approval 7/17/19           | PO 4575 | 10/1/19     | 132,500.00                               |                      | 22,075.00                 | 41,975.00           | 90,525.00           | 32%        |
|                                          | EcoTech Services Inc, The Plant Nerd, and TerraWorks Studio        | Landscape Design Assistance Program                     | Board Approval 6/19/19 & 6/17/20 | PO 4568 | 11/1/19     | 160,000.00                               | 420,000.00           | 124,630.00                | 271,990.00          | 308,010.00          | 47%        |
|                                          | McCall's Meter Sales & Service and Westernly Meter Service Company | Meter Accuracy Testing                                  | Board Approval 9/21/16           | PO 4567 | 5/25/17     | 86,795.00                                | 36,727.00            | 9,413.00                  | 75,214.00           | 48,308.00           | 61%        |
|                                          | Mission Resource Conservation District                             | Field verifications for rebate programs                 | Board Approval 6/21/17           | PO 3194 | 8/22/17     | 450,000.00                               |                      | 48,906.40                 | 412,002.29          | 37,997.71           | 92%        |
|                                          | Water Systems Optimization, Inc.                                   | Water Loss Control Workgroup and Technical Assistance   | Board Approval 10/21/15          | PO 2728 | 3/9/16      | 1,396,280.00                             | 55,000.00            | 128,430.00                | 1,333,910.75        | 117,369.25          | 92%        |
|                                          | Water Systems Optimization, Inc.                                   | Water Balance Validations                               | Board Approval 4/15/20           | PO 4357 | 4/17/20     | 58,000.00                                |                      | 48,000.00                 | 48,000.00           | 10,000.00           | 83%        |
|                                          | Water Systems Optimization, Inc.                                   | Leak Detection Research & Training                      | Board Approval 2/20/19           | PO 4000 | 7/19/19     | 49,375.00                                |                      | 24,375.00                 | 24,375.00           | 25,000.00           | 49%        |
|                                          | Water Systems Optimization, Inc.                                   | Water Loss Control Shared Services Template Development | Budget Approval                  | PO 4367 | 3/1/20      | 30,000.00                                |                      | 26,360.00                 | 26,360.00           | 3,640.00            | 88%        |
|                                          | <b>WEROC</b>                                                       |                                                         |                                  |         |             |                                          |                      |                           |                     |                     |            |
| <b>Professional Expenses</b>             |                                                                    |                                                         |                                  |         |             |                                          |                      |                           |                     |                     |            |
| WEROC                                    | Herndon Solutions Group LLC                                        | AWIA Risk Assessment and Emergency Response Plan        | Board Approval 7/17/19           | PO 4190 | 7/22/19     | 3,577,570.00                             |                      | 542,229.91                | 1,704,245.44        | 1,873,324.56        | 48%        |
| <b>TOTALS</b>                            |                                                                    |                                                         |                                  |         |             | <b>10,459,705.00</b>                     | <b>741,521.88</b>    | <b>2,028,167.48</b>       | <b>5,271,759.31</b> | <b>5,929,467.57</b> | <b>47%</b> |

**Municipal Water District of Orange County**  
**Director's Activity Report**  
**Reporting Period from 07/01/2020 to 12/31/2020**

| Activity Description                 | MWDOD Director's |          |          |          |             |        |               |          | MET Director's |        |          |             | Director's |         |
|--------------------------------------|------------------|----------|----------|----------|-------------|--------|---------------|----------|----------------|--------|----------|-------------|------------|---------|
|                                      | Dick             | Finnegan | McVicker | Nederhoo | Tamaribuchi | Thomas | Yoo Schneider | Subtotal | Ackerman       | Dick   | McKenney | Tamaribuchi | Subtotal   | Total   |
| Per Diem                             |                  |          |          |          |             |        |               |          |                |        |          |             |            |         |
| MWDOC Committee & Board mtg          | 12,442           | 11,787   | 12,442   | -        | 12,770      | 12,115 | 12,442        | 73,999   | 3,274          | 655    | 3,274    | -           | 7,203      | 81,203  |
| MET Committee & Board mtg            | -                | -        | 3,274    | -        | 655         | -      | -             | 3,929    | 7,203          | 7,858  | 7,203    | 6,221       | 28,486     | 32,416  |
| Meetings with Member Agencies        | 1,310            | 1,637    | 655      | -        | 1,310       | 327    | 3,274         | 8,513    | -              | -      | -        | -           | -          | 8,513   |
| Other Misc meetings & activities     | 4,911            | 2,947    | 3,274    | -        | 4,912       | 7,203  | 3,929         | 27,177   | 9,168          | 10,478 | 6,549    | 4,911       | 31,106     | 58,283  |
| Benefits                             | 10,757           | 2,281    | 10,830   | -        | 2,612       | 13,687 | 10,794        | 50,962   | 1,993          | 1,890  | 1,718    | 1,108       | 6,709      | 57,670  |
| Subtotal-Per Diem                    | 29,421           | 18,652   | 30,476   | -        | 22,258      | 33,333 | 30,440        | 164,580  | 21,639         | 20,881 | 18,745   | 12,240      | 73,504     | 238,085 |
| Travel, Conferences & Misc. (1)      |                  |          |          |          |             |        |               |          |                |        |          |             |            |         |
| ACWA                                 | -                | -        | 725      | -        | 375         | 725    | -             | 1,825    | -              | -      | -        | -           | -          | 1,825   |
| Association of CA Cities - OC        | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| AWWA                                 | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| Bond Buyers Conf                     | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| CSDA                                 | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| CRWUA                                | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| ISDOC                                | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| MET Legislative                      | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| OCBC                                 | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| OCWA                                 | -                | -        | -        | -        | 70          | -      | -             | 70       | -              | -      | 10       | -           | 10         | 80      |
| Urban Water Institute                | -                | -        | 25       | -        | -           | -      | -             | 25       | -              | -      | -        | -           | -          | 25      |
| Legislative Activities in Sacramento | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| Washington DC Legislative Trips      | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| Other Travel Expenses                | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| Mileage                              | -                | -        | -        | 46       | -           | -      | 33            | 79       | -              | -      | -        | -           | -          | 79      |
| Toll Charges                         | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| Miscellaneous                        | -                | -        | -        | -        | -           | -      | -             | -        | -              | -      | -        | -           | -          | -       |
| Telephone/Fax/Cable                  | -                | 235      | -        | -        | -           | -      | -             | 235      | -              | -      | -        | -           | -          | 235     |
| Subtotal-Travel, Conferences & Misc. | -                | 235      | 750      | 46       | 445         | 725    | 33            | 2,234    | -              | -      | 10       | -           | 10         | 2,244   |
| Total                                | 29,421           | 18,887   | 31,226   | 46       | 22,703      | 34,058 | 30,473        | 166,814  | 21,639         | 20,881 | 18,755   | 12,240      | 73,514     | 240,328 |

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

2/4/2021

**Municipal Water District of Orange County**  
**Semi-Annual Comparison for Overtime Hours Worked**  
for the six-month periods ending Dec 2020 and 2019

| Employee             | 7/1/20 - 12/31/20 |                                     | 7/1/19 - 12/31/19 |                                     |
|----------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
|                      | Hours<br>Worked   | Dollar<br>Equivalent <sup>(1)</sup> | Hours<br>Worked   | Dollar<br>Equivalent <sup>(1)</sup> |
| Davanaugh, Katie     | 2.50              |                                     | 5.00              |                                     |
| Davis, Rachel        | 0.00              |                                     | 4.00              |                                     |
| Dubuque, Tina        | 0.00              |                                     | 3.50              |                                     |
| Fahl, Beth           | 0.00              |                                     | 3.25              |                                     |
| Francisco, Pari      | 0.00              |                                     | 3.50              |                                     |
| Gunawan, Lina        | 44.00             |                                     | 0.50              |                                     |
| Harrison, Daniel     | 27.50             |                                     | 72.00             |                                     |
| Hernandez, Christina | 0.00              |                                     | 0.50              |                                     |
| Muldoon, Traci       | 0.00              |                                     | 0.00              |                                     |
| Roberts, Judy        | 11.00             |                                     | 0.00              |                                     |
| Roberto, Bryce       | 0.00              |                                     | 21.75             |                                     |
| Schunk, Janine       | 0.00              |                                     | 0.00              |                                     |
| Snow, Mary           | 2.00              |                                     | 4.00              |                                     |
| Thorsell, Jason      | 0.00              |                                     | 1.25              |                                     |
| Waite, Rachel        | 33.00             |                                     | 5.00              |                                     |
| Wilson, Sarah        | 5.75              |                                     | 28.25             |                                     |
| <b>TOTAL</b>         | <b>125.75</b>     | <b>\$8,588</b>                      | <b>152.50</b>     | <b>\$ 9,506</b>                     |

(1) Dollar equivalent calculated at 1.5 x hourly rate

(2) Overtime hours at straight time

**INFORMATION ITEM**

February 10, 2021

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

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

Staff Contact, Cathleen Harris, Director of HR & Administration

**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 |

\*Due to the retirement of the Assistant General Manager, there were some internal reorganization of positions and a new position, Director of Engineering/District Engineer was created. This position was filled through an internal promotion. Based on the nature of the job classification, staff is recommending this position receive an auto allowance, retroactive to January 1, 2021.

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

|                                               |                           |         |           |
|-----------------------------------------------|---------------------------|---------|-----------|
| <b>Budgeted (Y/N): Y</b>                      | Budgeted amount: \$45,000 | Core X_ | Choice __ |
| <b>Action item amount: NA</b>                 | Line item: 13-2000-7040   |         |           |
| <b>Fiscal Impact (explain if unbudgeted):</b> |                           |         |           |

**Administration Activities Report****January 8, 2021 – February 4, 2021**

| Activity                    | Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Administration/Board</b> | <p>Staff worked on the following:</p> <ul style="list-style-type: none"><li>• Scheduled meetings for Rob Hunter and Board members.</li><li>• Assisted Rob with various write-ups and follow-up for the Committees and Board.</li><li>• Continue to send the Water Supply Reports to the member agencies.</li><li>• Processed and reviewed agreements for appropriate Board approval and insurance requirements as well as execution following approval.</li><li>• Reviewed Insurance documents for all District Agreements.</li><li>• Coordinated changes to District Master Agreement with Legal Counsel to allow electronic signatures.</li><li>• Responded to three Public Records Act requests.</li><li>• Various consultations with legal counsel regarding Brown Act, minutes, and Board issues.</li><li>• Prepared Board write ups and worked with President Tamaribuchi on various issues.</li><li>• Updated various portions of the website; including updating Zoom Board and Committee meetings, ISDOC and WACO, and calendar</li><li>• Coordinate with CSDA on requirements for higher level transparency awards.</li><li>• Coordinate and sent letter to member agencies regarding MET Director vacancy.</li><li>• Set-up and hosted various Zoom Meetings for the General Manager and Principle Engineer.</li><li>• Registered Directors and Staff for the CalDESAL Virtual Conference.</li><li>• Registered Directors for the Urban Water Institute Spring Virtual Conference.</li><li>• Updated and formatted 2021/2022 Conference Budget Worksheet.</li><li>• Drafted and coordinated signing of agreements for BBK/State Advocacy and Lewis Consulting/Strategic Issue Consulting.</li></ul> |

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Administration/Board<br/>(continued)</b> | <ul style="list-style-type: none"> <li>Coordinated schedules and set up Zoom Meetings for Management Staff and Sophia Style from Strategic Competitive Gains.</li> <li>Compiled all signatures into AMP Agreement for Principal Engineer.</li> <li>Assisted Government Affairs Manager with formatting letters.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Records Management</b>                   | <ul style="list-style-type: none"> <li>Continued review of files within the office and vault to determine disposition for next phase of construction.</li> <li>Staff continues to review incoming mail and logging necessary documents into the Laserfiche system.</li> <li>Staff continues to review documents and update information in Laserfiche.</li> <li>Staff attended an ECS/Laserfiche webinar, "Leading by Example."</li> <li>Documents that have been removed from offices are being reviewed and scanned, if necessary.</li> </ul>                                                                                                                                                                                                                                                                             |
| <b>Health Benefits</b>                      | <ul style="list-style-type: none"> <li>Staff is continuing to monitor the Consolidated Appropriations Act of 2021 to determine the best course of action for plan participants. No changes will be recommended until the close of 2020 plan year which will occur after March 31, 2021.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Recruitment/Departures</b>               | <ul style="list-style-type: none"> <li>Prepared for Finance Accountant, Mary Snow's retirement on January 22<sup>nd</sup>.</li> <li>Effective February 4<sup>th</sup>, WEROC Coordinator, Leslie Schwene, left the District to pursue full-time employment as a Marine Safety Officer with the City of Huntington Beach.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Projects and Activities</b>              | <ul style="list-style-type: none"> <li>Staff continues coordination efforts in working with Engineering staff, IDS, ABS and the furniture vendor, on planning for the Office Seismic Retrofit and Tenant Improvements.</li> <li>HR continues working with Ralph Andersen and Associates on the Triennial Compensation and Benchmark study. Andersen has provided their first status report to staff following review of classification titles, job descriptions, and an employee allocation listing.</li> <li>Staff is continuing to work with the furniture vendor (People Space) on finalizing the office furniture specifications and the Interior Designer with IDS regarding office color specifications and materials.</li> <li>The General Manager continues to hold bi-monthly staff meetings via Zoom.</li> </ul> |



|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Projects and Activities<br/>(continued)</b> | <ul style="list-style-type: none"> <li>• Additional training for the Accufund HR module continues, specifically on accessing various reports through the system.</li> <li>• Staff is continuing to work closely with the Director of Emergency Management on COVID-19, the impacts to MWDOC employees and implementation of processes and procedures. Keeping in mind the safety and well-being of employees.</li> <li>• Final review of the District's IIPP will be scheduled with the management team during the month of February and then presented to all staff.</li> <li>• Staff continues to coordinate additional office cleanings in the office twice a week.</li> <li>• Staff hosted and attended various Board, Committee and Department meetings via zoom.</li> <li>• Staff is coordinating with employees, managers, supervisors and Department Directors on attending either a Foundations in Excellence Training, Supervisors Academy or a Leadership Academy being offered this spring.</li> <li>• As part of the implementation of the Performance Management review process, staff is coordinating four virtual trainings on Workplace Trust and Communications to be held February 26, March 5, April 2 and 9.</li> <li>• Staff participated in a Zoom meeting on January 14<sup>th</sup> regarding Hiring Challenges Specific to Technical Workers.</li> <li>• Staff held a conference call on January 15<sup>th</sup> with Eric Bachmann, MET's Unit Manager of Development and Training, to discuss MET's Leadership Academy and Training Programs.</li> <li>• Staff participated in a WEEA Meeting held on January 19<sup>th</sup>.</li> <li>• Staff participated in the biweekly WEROC COVID conference call.</li> <li>• Staff presented information re Administration and Human Resources Department Priorities at the January 21 Executive Committee Meeting.</li> <li>• Staff continues to hold weekly virtual Zoom meetings of the Administration Department.</li> <li>• Staff hosted the quarterly OCWA/HR group meeting via zoom on 1/28. Several member agencies participated in the roundtable discussion that included much conversation about issues surrounding COVID-19 in the workplace.</li> <li>• Staff compiled a survey for review of District Holidays.</li> </ul> |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Projects and Activities<br/>(continued)</b> | <ul style="list-style-type: none"> <li>• Staff continues review the District property insurance (through JPIA) renewal questionnaire, including a review of property to be included in the Property Schedules.</li> <li>• Staff continues review of the SDRMA Worker's Compensation insurance policy renewal and available discounts for participation and compliance in a variety of safety programs.</li> <li>• Staff will participate in Mesa Water's RFP process for selecting a consultant to conduct their Classification and Compensation Study.</li> <li>• Staff attended a webinar on 2021 labor laws during one of the monthly "Hot Java" webinars hosted by JPIA.</li> <li>• Staff is assisting the IT department in reviewing DocuSign as an option for utilizing electronic signatures within and outside of the District offices as a way of improving efficiencies.</li> <li>• Staff continues to work on the updates for the Orange County Cities &amp; Water Agencies Directory.</li> <li>• Staff continues to update changes to the MWD OC Cities and Water Agencies Directory, the Act Database and to the District Contacts In Outlook</li> <li>• Staff exported and provided distribution lists from the Database, as requested.</li> <li>• Staff provided administrative support for the Call for 2<sup>nd</sup> VP Nominations for ISDOC.</li> <li>• Staff hosted the ISDOC Executive Committee Meeting via Zoom, took notes and provided follow up to questions at the Meeting.</li> <li>• Staff updated both WACO and ISDOC website with new 2021 dates</li> <li>• Staff coordinated with the Governmental Relations Manager on upcoming deadlines and the upcoming ISDOC Luncheon.</li> <li>• Staff sent out ISDOC Application to Chris Palmer CSDA field representative.</li> <li>• Staff coordinated with President Mark Monin about upcoming ISDOC dates and deadlines.</li> <li>• Staff continues to update the ISDOC website.</li> <li>• Staff prepared the agenda for the ISDOC luncheon</li> <li>• Staff prepared a PowerPoint Presentation for ISDOC and provided assistance in adding MNWD's video to the ISDOC presentation.</li> </ul> |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**INFORMATION ITEM**

February 10, 2021

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

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

Staff Contact: Jeff Stalvey

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

**SUMMARY**

---

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

**Finance**

| Description                                                                                   | % of Completion | Estimated Completion date | Status      |
|-----------------------------------------------------------------------------------------------|-----------------|---------------------------|-------------|
| Further Implementation of WUE Landscape Programs Databases and Web Site.                      | On-going        | On-going                  | In Progress |
| 2021 W-9 collection for water rebates. Currently holding 2 rebate checks awaiting a W-9 form. | On-going        | On-going                  | In Progress |
| Design, Implementation and Training of Accufund ERP software                                  | 100%            | 01-31-2021                | Completed   |
| Government Compensation in California Report 2020                                             | 0%              | 03-30-2021                | Not Started |
| State Controller Report preparation FY19-20                                                   | 100%            | 01-31-2021                | Completed   |
| Preparation of documents for FY21-22 budget process.                                          | 80%             | 04-30-2021                | In Progress |
| Rate Study with Raftelis for 5 <sup>th</sup> year cycle due 2021                              | 20%             | 04-30-2021                | In Progress |

## **Information Technology**

| <b>Description</b>                                                                             | <b>% of Completion</b> | <b>Estimated Completion date</b> | <b>Status</b>                |
|------------------------------------------------------------------------------------------------|------------------------|----------------------------------|------------------------------|
| Network security issues (hackers, viruses and spam emails)                                     | On-going               | On-going                         | Continuous system monitoring |
| Purchase and upgrade Conference room 101 with Interactive board, sound system and microphones. | <b>50%</b>             | 06-31-2021                       | In Progress                  |
| Software upgrade for Primary Domain Controller                                                 | <b>10%</b>             | 06-31-2021                       | In Progress                  |
| Implement message archiver for District Exchange E-mail system                                 | <b>100%</b>            | 03-31-2021                       | Completed                    |
| Implement firewall for District wireless network                                               | <b>40%</b>             | 03-31-2021                       | In Progress                  |

## **FY 2020-21 Completed Special Tasks**

| <b>Description</b>                                                                                                      | <b>% of Completion</b> | <b>Completion date</b> | <b>Status</b> |
|-------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|---------------|
| <b><u>Finance</u></b>                                                                                                   |                        |                        |               |
| State Tax filing for Water Facilities FY19-20                                                                           | <b>100%</b>            | 11-30-2020             | Completed     |
| Year End procedures; Prepare Annual Financials and Final Audit week of 09-14-20. Awaiting partner review of financials. | <b>100%</b>            | 11-02-2020             | Completed     |
| GASB 75 Biennial OPEB Actuarial report                                                                                  | <b>100%</b>            | 09-22-2020             | Completed     |
| <b><u>Information Technology</u></b>                                                                                    |                        |                        |               |
| Data Server software upgrade                                                                                            | <b>100%</b>            | 09-30-2020             | Completed     |
| Disposal of non-functional and obsolete electronic equipment                                                            | <b>100%</b>            | 03-31-2020             | Completed     |



INFORMATION ITEM

February 10, 2021

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

FROM: **Robert Hunter, General Manager**

Staff Contact: Kevin Hostert

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

**STAFF RECOMMENDATION**

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

**COMMITTEE RECOMMENDATION**

Committee recommends (To be determined at Committee Meeting)

**REPORT**

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

- OC Water Usage, Monthly by Supply **OCWD Groundwater was the main supply in December.**
- Estimated OC Water Usage, Monthly, Comparison to Previous Years Water usage in **December 2020 was above average compared to the last 5 years.** We are projecting a slight decrease in overall water usage compared to FY 2019-20. It has been 45 months since all mandatory water restrictions were lifted by the California State Water Resources Control Board.
- Historical OC Water Consumption Orange County M & I water consumption is **projected** to be **525,000 AF in FY 2020-21** (this includes ~15 TAF of agricultural usage and non-retail water agency usage). This is about **9,000 AF less than FY 2019-20** and is about **10,000 AF more than FY 2018-19**. Water usage per person is projected to be slightly lower in **FY 2020-21 for Orange County at 146 gallons per day** (This includes recycled water). Although OC population has increased 20% over the past two decades, water usage has not increased, on average. A long-term decrease in per-capita water usage is attributed mostly to Water Use Efficiency

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

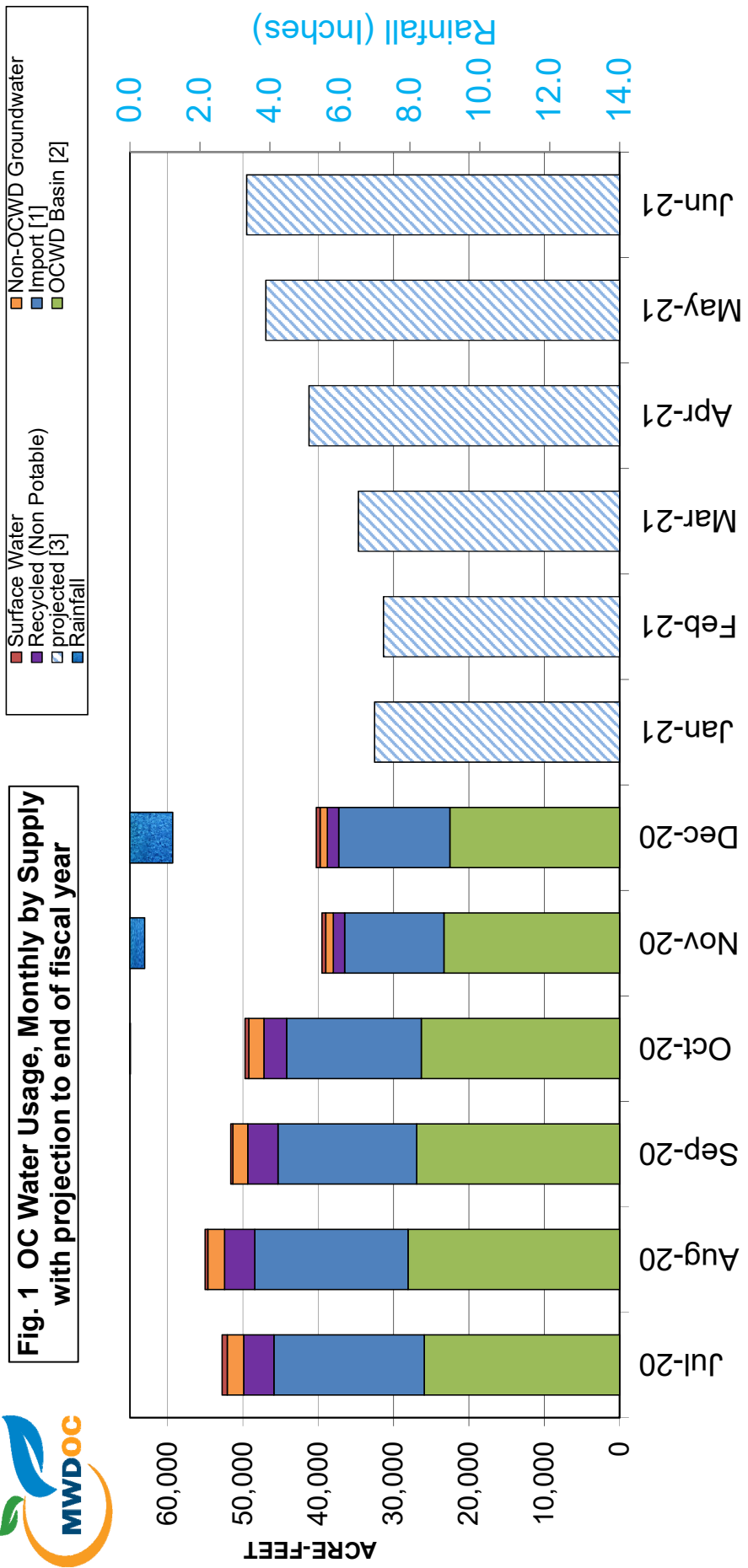
(water conservation) efforts. ***O.C. Water Usage for the last five Fiscal Years is the lowest since the 1982-83 Fiscal Year*** (FY 1982-83 was the third wettest year on record).

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

- Orange County's accumulated precipitation through ***early February*** was below average for this period. Water year to date rainfall in Orange County is ***3.58 inches***, which is ***52% of normal***.
- Northern California accumulated precipitation through ***early February*** was ***55% of normal for this period***. Water Year 2020 was 63% of normal while water year 2019 was 137% of normal. The ***Northern California snowpack was 73% as of February 4<sup>th</sup>***. ***As of early February, 85.99%*** 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 set at 10% in December 2020.
- Colorado River Basin accumulated precipitation through ***early February*** was ***66% of normal*** for this period. The ***Upper Colorado Basin snowpack was 75% of normal*** as of February 3<sup>rd</sup>. ***Lake Mead and Lake Powell*** combined have about ***58% of their average storage volume*** for this time of year and are at ***40.1% of their total capacity***. If Lake Mead's ***level falls below a "trigger" limit 1,075 ft. at the end of a calendar year***, then a shortage will be declared by the US Bureau of Reclamation (USBR), impacting Colorado River water deliveries to the Lower Basin states. As of early October, Lake Mead levels were ***11.38' above the "trigger" limit***. The USBR predicts that the start of 2020 will not hit the "trigger" level but there is ***a 60% chance that the trigger level will be hit in 2022 and a 82% chance in 2023***.



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



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

[2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '20-21 is 77%.

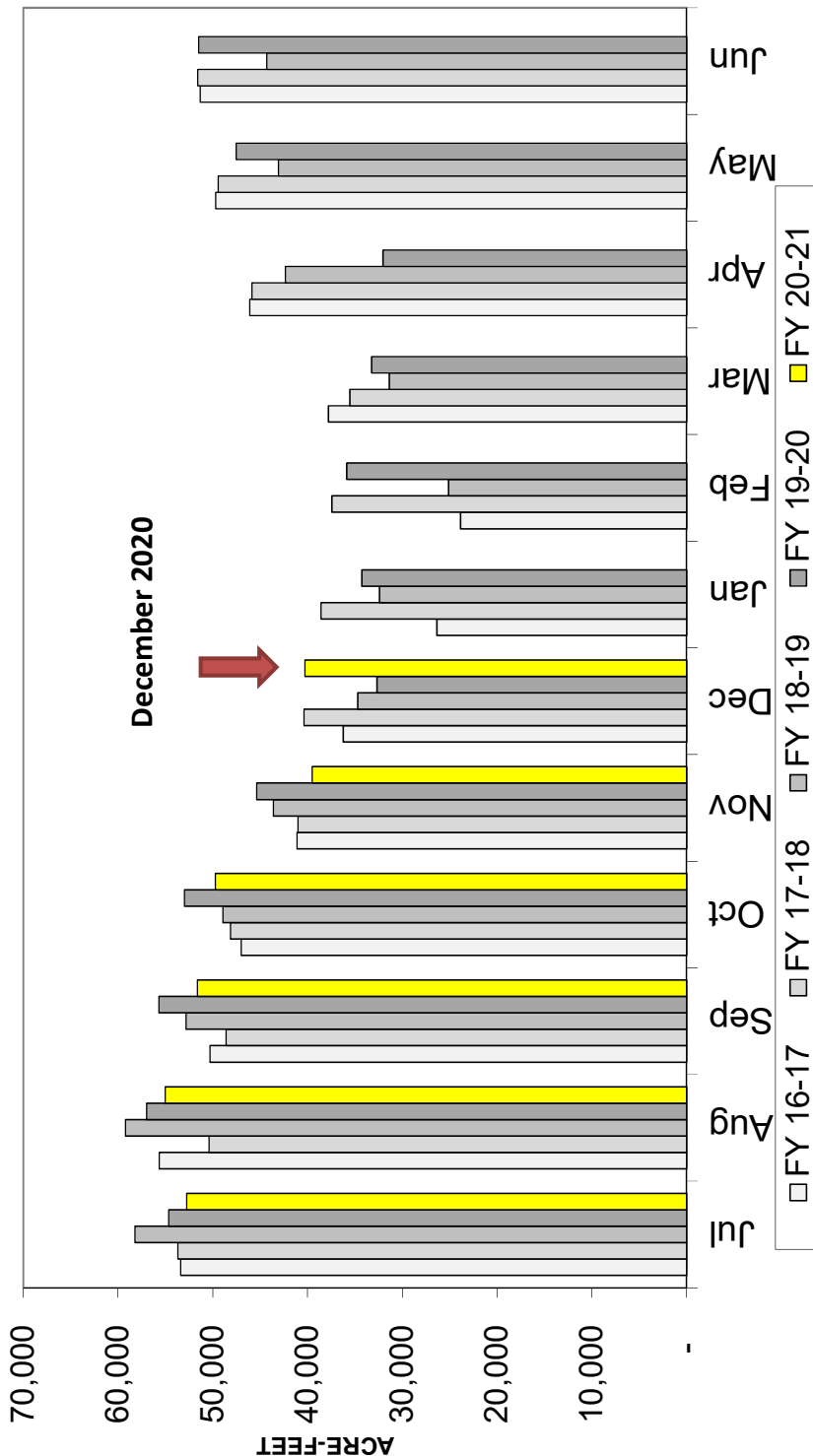
[3] MWD OC's estimate of monthly demand is based on the projected 5 Year historical retail water demand and historical monthly demand patterns.

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

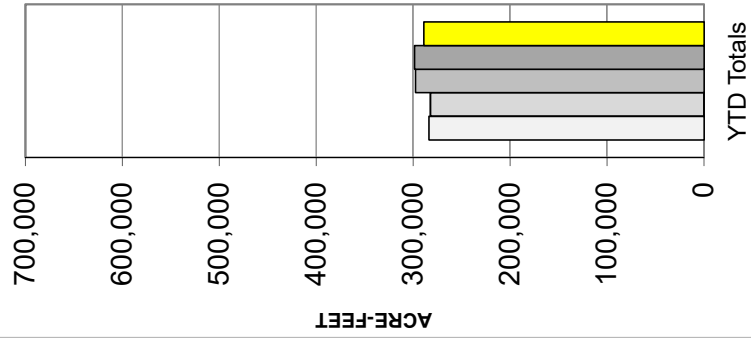




**Fig. 2 OC Monthly Water Usage [1]: Comparison to Last 4 Fiscal Years**



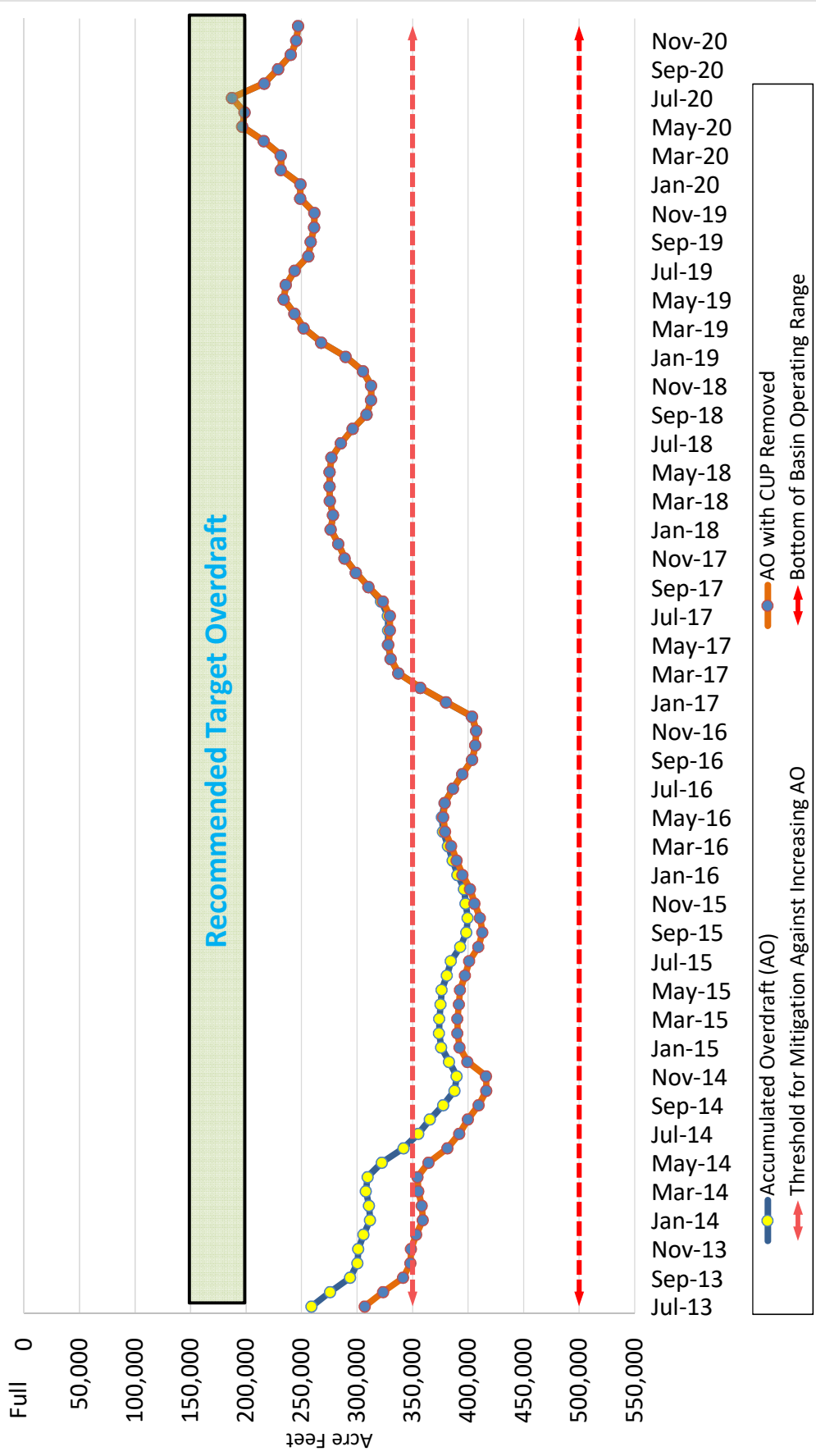
**Partial Year Subtotals**



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



# **Accumulated Overdraft of the OCWD Groundwater Basin as of December 2020**

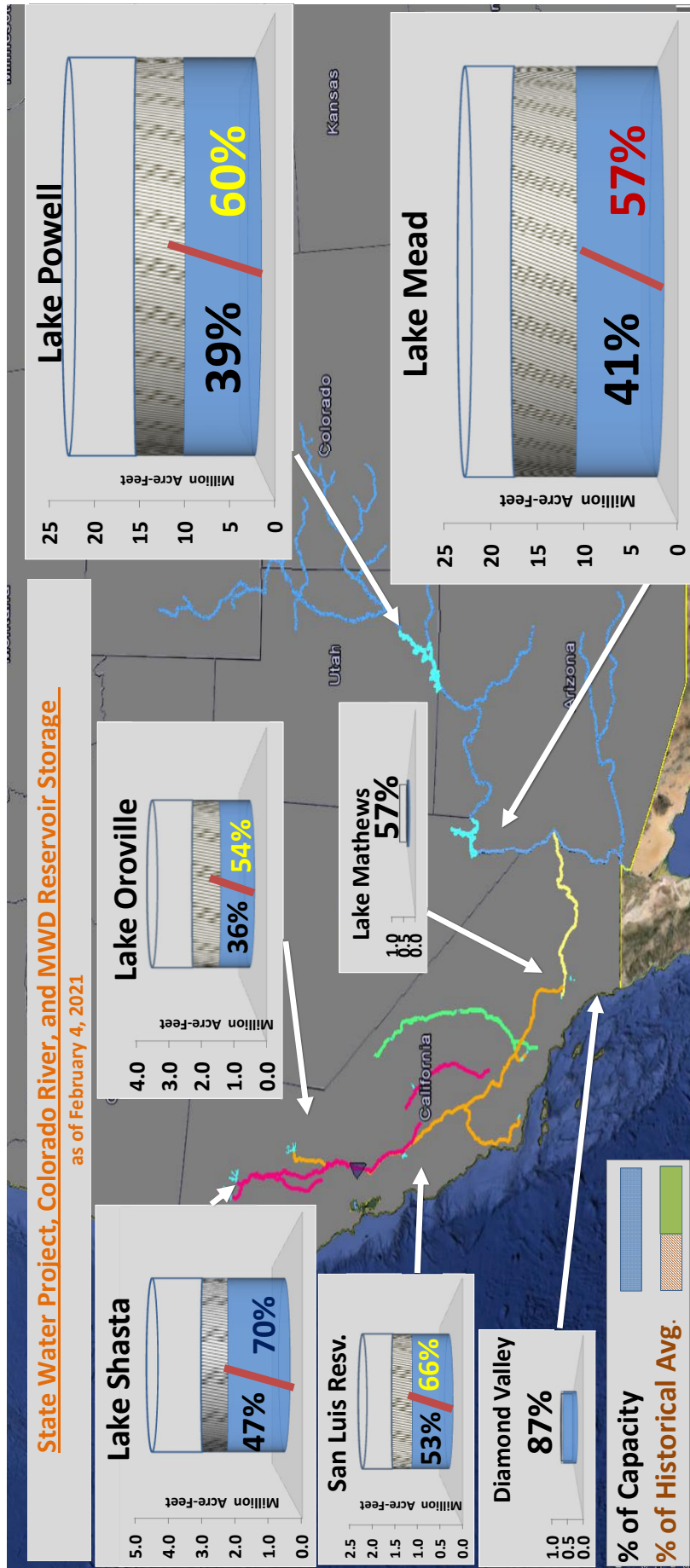


|                       | Jul-19  | Aug-19  | Sep-19  | Oct-19  | Nov-19  | Dec-19  | Jan-20  | Feb-20  | Mar-20  | Apr-20  | May-20  | Jun-20  |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| AO (AF)               | 244,057 | 256,239 | 258,445 | 261,464 | 261,645 | 248,909 | 249,051 | 231,354 | 231,354 | 216,098 | 196,677 | 198,754 |
| AO w/CUP removed (AF) | 244,057 | 256,239 | 258,446 | 261,464 | 261,645 | 248,909 | 249,051 | 231,354 | 231,354 | 216,098 | 196,677 | 198,754 |
|                       | Jul-20  | Aug-20  | Sep-20  | Oct-20  | Nov-20  | Dec-20  | Jan-21  | Feb-21  | Mar-21  | Apr-21  | May-21  | Jun-21  |
| AO (AF)               | 187,392 | 216,548 | 229,124 | 240,414 | 245,441 | 246,998 |         |         |         |         |         |         |
| AO w/CUP removed (AF) | 187,392 | 216,548 | 229,124 | 240,414 | 245,441 | 246,998 |         |         |         |         |         |         |

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

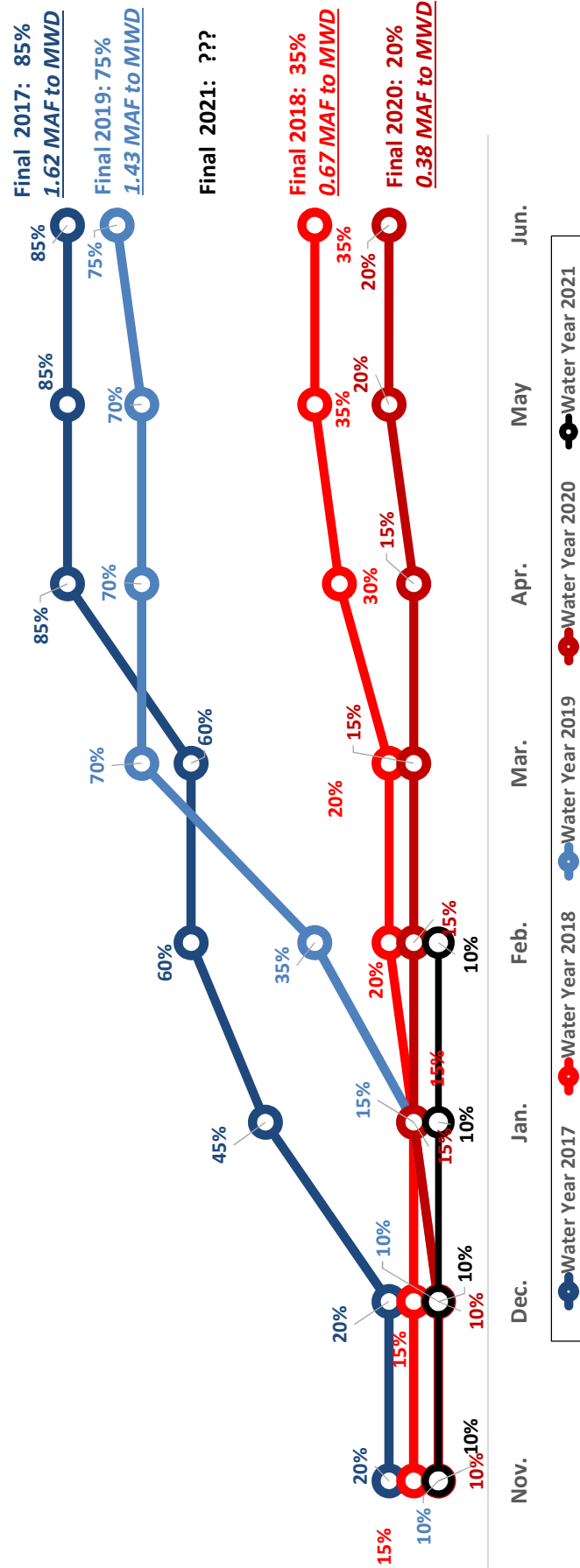


# **State Water Project, Colorado River, and MWD Reservoir Storage** as of February 4, 2021

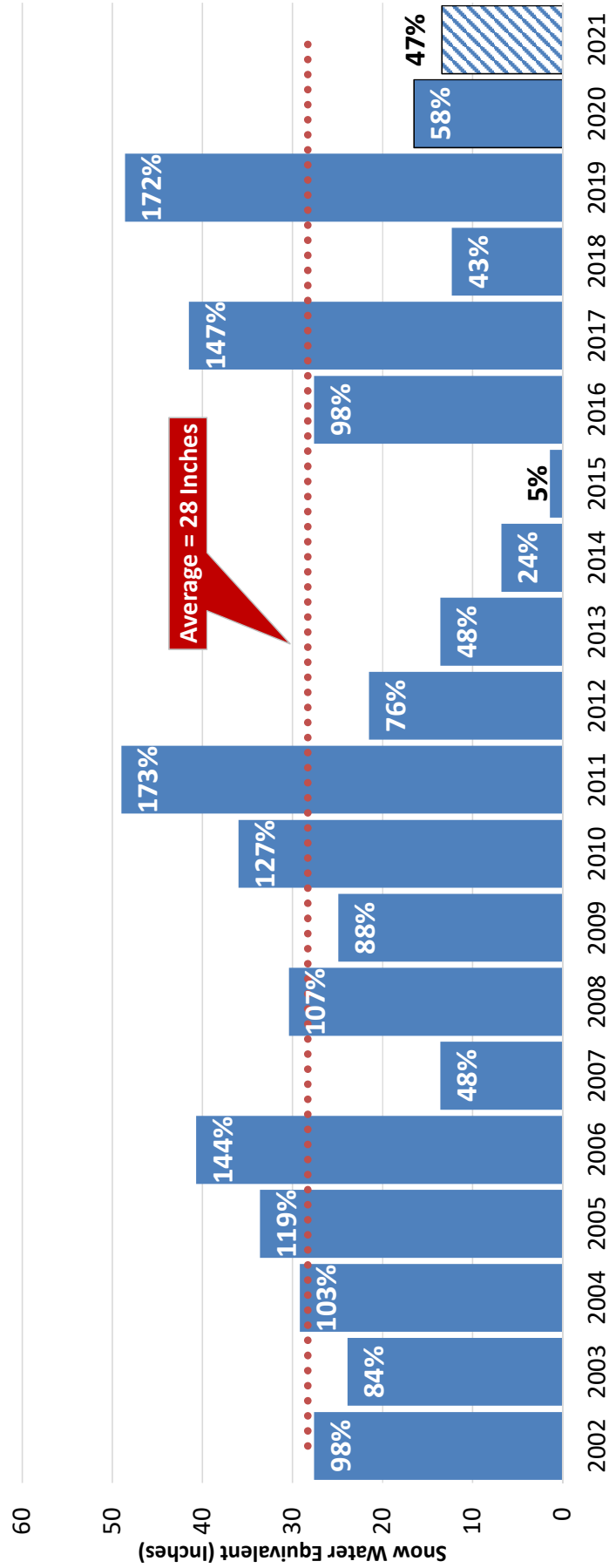


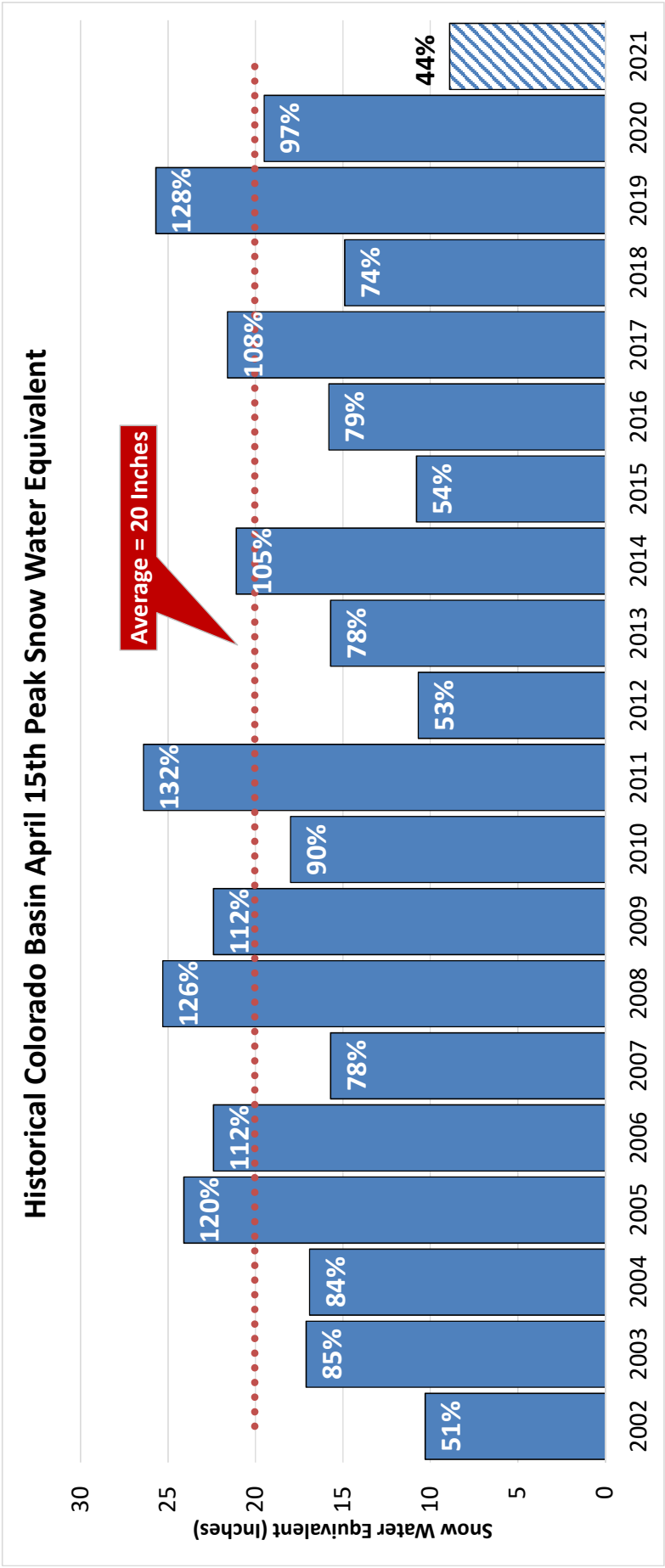
## SWP TABLE A ALLOCATION

FOR STATE WATER PROJECT CONTRACTORS



# Historical Northern California April 1st Peak Snow Water Equivalent



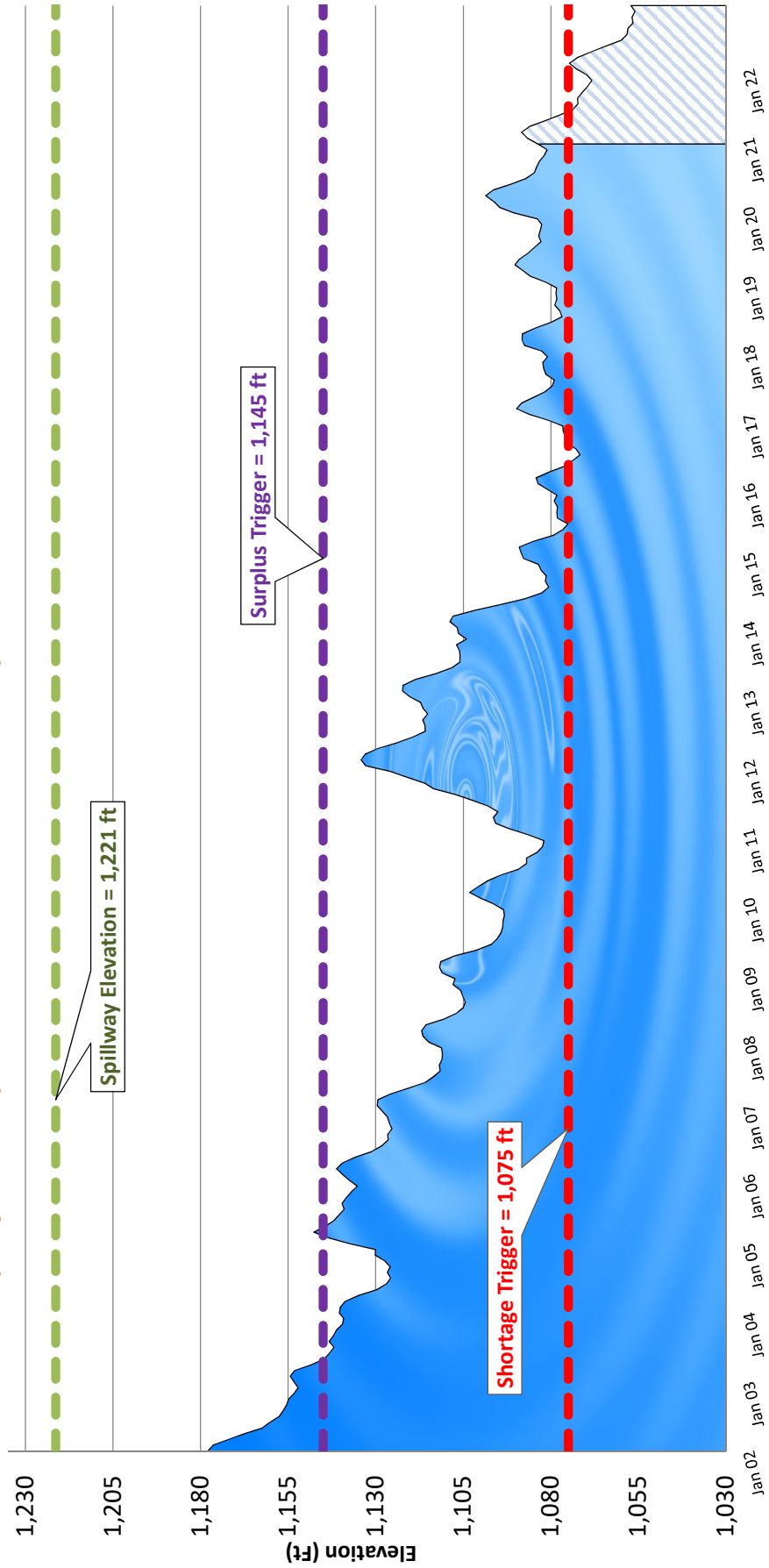






## Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study

■ Historical    □ Projected





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

■ Historical    □ Projected

