



*Dedicated to
Satisfying our Community's
Water Needs*

**AGENDA
MESA WATER DISTRICT
BOARD OF DIRECTORS
Thursday, May 14, 2020
1965 Placentia Avenue, Costa Mesa, CA 92627
6:00 p.m. Regular Board Meeting**

**IN AN EFFORT TO MITIGATE THE SPREAD OF COVID-19 (CORONAVIRUS), AND IN ACCORDANCE WITH THE GOVERNOR'S EXECUTIVE ORDER N-29-20, THERE WILL BE NO PUBLIC LOCATION FOR ATTENDING THIS BOARD MEETING IN PERSON. MEMBERS OF THE PUBLIC MAY LISTEN AND PROVIDE PUBLIC COMMENT TELEPHONICALLY BY CALLING THE FOLLOWING NUMBER:
DIAL: (949) 207-5455
CONFERENCE ID: 130371#**

CALL TO ORDER

PLEDGE OF ALLEGIANCE

PUBLIC COMMENTS

Items Not on the Agenda: Members of the public are invited to address the Board regarding items which are not on the agenda. Each speaker is limited to three minutes. The Board will set aside 30 minutes for public comments.

Items on the Agenda: Members of the public may comment on agenda items before action is taken, or after the Board has discussed the item. Each speaker is limited to three minutes. The Board will set aside 60 minutes for public comments.

ITEMS TO BE ADDED, REMOVED, OR REORDERED ON THE AGENDA

At the discretion of the Board, all items appearing on this agenda, whether or not expressly listed as an Action Item, may be deliberated and may be subject to action by the Board.

CONSENT CALENDAR ITEMS:

Approve all matters under the Consent Calendar by one motion unless a Board member, staff, or a member of the public requests a separate action.

1. Approve minutes of regular Board meeting of April 9, 2020.
2. Approve attendance considerations (additions, changes, deletions).
3. Board Schedule:
 - Conferences, Seminars, and Meetings
 - Board Calendar
4. Receive and file the Developer Project Status Report.
5. Receive and file the Mesa Water and Other Agency Projects Status Report.
6. Receive and file the Water Quality Call Report.
7. Receive and file the Water Operations Status Report.
8. Receive and file the Accounts Paid Listing.
9. Receive and file the Monthly Financial Reports.
10. Receive the Quarterly Training Report for January 1, 2020 to March 31, 2020.



ACTION ITEMS:

RECESS TO MCWDIC

11. MESA CONSOLIDATED WATER DISTRICT IMPROVEMENT CORPORATION SPECIAL MEETING:

Recommendation: Recess from regular Board meeting and hold a Mesa Consolidated Water District Improvement Corporation Special Meeting.

RECONVENE TO MESA WATER DISTRICT

12. ISSUANCE OF 2020 REVENUE CERTIFICATES OF PARTICIPATION:

Recommendation: Adopt:

- a. **Resolution No. 1530 Establishing a Debt Management Policy Superseding Resolution No. 1488;**
- b. **Resolution No. 1531 Adopting the Debt Disclosure Policy Superseding Resolution No. 1492; and**
- c. **Resolution No. 1532 Authorizing the Execution and Delivery of Revenue Certificates of Participation and Approving the Execution and Delivery of Certain Documents as Described in the Resolution in Connection Therewith and Certain Other Matters.**

13. FISCAL YEAR 2021 STAFFING PLAN:

Recommendation: Approve the proposed Fiscal Year 2021 Staffing Plan.

14. PROPOSED FISCAL YEAR 2021 BUDGET:

Recommendation: Discuss and approve the proposed Fiscal Year 2021 Budget.

15. CAPITAL IMPROVEMENT PROGRAM RENEWAL ON-CALL DESIGN SERVICES:

Recommendation: Approve on-call professional design services contracts for the Capital Improvement Program Renewal in the amounts of \$1.75MM for Fiscal Years 2020 and 2021, \$1.25MM for Fiscal Year 2022, and \$0.4MM for Fiscal Year 2023, with the option for two annual renewals of \$500,000 per year, for a total contract authorization amount not to exceed \$4.4MM to be distributed to the following six firms: Brown and Caldwell, Carollo Engineers, Inc., HDR Engineering, Inc., NV5, Tetra Tech, Inc., and Water Systems Consulting, Inc.

16. OC-44 REPAIR SUMMARY REPORT:

Recommendation: Receive the information and approve an increase to the On-Call Pipeline Repair and Construction contracts by \$175,000 for a total amount not to exceed \$325,000 for Fiscal Year 2020, and authorize execution of the change order.



17. POLICY POSITIONS:

Recommendation: Approve the updated Policy Positions for Mesa Water District.

PRESENTATION AND DISCUSSION ITEMS:

None

REPORTS:

18. REPORT OF THE GENERAL MANAGER:

- April Key Indicators Report
- Other (no enclosure)

19. DIRECTORS' REPORTS AND COMMENTS

INFORMATION ITEMS:

20. DIRECTORS' REPORTS (AB 1234) PER CA GOVERNMENT CODE SECTION 53232.3 (D)

21. OTHER (NO ENCLOSURE)

CLOSED SESSION:

22. CONFERENCE WITH LEGAL COUNSEL – SIGNIFICANT EXPOSURE TO LITIGATION/ADJUDICATORY PROCEEDINGS:

Pursuant to California Government Code Sections 54956.9 (d)(2) and 54954.5 (c) – based on existing facts and circumstances, the Board is meeting with Legal Counsel to review matters relating to legal proceedings presented to the California Fair Political Practices Commission involving Mesa Water District.

Case: 16/19813

In compliance with California law and the Americans with Disabilities Act, if you need disability-related modifications or accommodations, including auxiliary aids or services in order to participate in the meeting, or if you need the agenda provided in an alternative format, please contact the District Secretary at (949) 631-1206. Notification 48 hours prior to the meeting will enable Mesa Water District (Mesa Water) to make reasonable arrangements to accommodate your requests.

Members of the public desiring to make verbal comments utilizing a translator to present their comments into English shall be provided reasonable time accommodations that are consistent with California law.

Agenda materials that are public records, which have been distributed to a majority of the Mesa Water Board of Directors (Board), will be available for public inspection at the District Boardroom, 1965 Placentia Avenue, Costa Mesa, CA and on Mesa Water's website at www.MesaWater.org. If materials are distributed to the Board less than 72 hours prior or during the meeting, the materials will be available at the time of the meeting.

**ADJOURN TO A REGULAR BOARD MEETING SCHEDULED FOR THURSDAY, JUNE 11, 2020
AT 6:00 P.M.**



Dedicated to
Satisfying our Community's
Water Needs

**MINUTES OF THE BOARD OF DIRECTORS
MESA WATER DISTRICT
Thursday, April 9, 2020
1965 Placentia Avenue, Costa Mesa, CA 92627
6:00 p.m. Regular Board Meeting**

CALL TO ORDER

The meeting of the Board of Directors was called to order at 6:01 p.m. by President Dewane.

PLEDGE OF ALLEGIANCE

President Dewane led the Pledge of Allegiance.

Directors Present

Shawn Dewane, President *(teleconference)*
Marice H. DePasquale, Vice President *(teleconference)*
Jim Atkinson, Director *(teleconference)*
Fred R. Bockmiller, P.E., Director *(teleconference)*
James R. Fisler, Director *(teleconference)*

Directors Absent

None

Staff Present

Paul E. Shoenberger, P.E., General Manager
Phil Lauri, P.E., Assistant General Manager *(teleconference)*
Denise Garcia, Administrative Services Manager/
District Secretary
Wendy Duncan, Records Management Specialist/
Assistant District Secretary
Marwan Khalifa, CPA, MBA, Chief Financial Officer/
District Treasurer *(teleconference)*
Stacy Taylor, External Affairs Manager *(teleconference)*
Syndie Ly, Human Resources Manager *(teleconference)*
Tracy Manning, Water Operations Manager *(teleconference)*
Jeff Hoskinson, Partner, Atkinson, Andelson, Loya, Ruud &
Romo *(teleconference)*

Others Present

Jonathan Aparicio, IT Support Engineer, T2 Tech Group

President Dewane stated that the Board of Directors was attending the meeting via teleconference per Governor Newsom's Executive Order N-29-20 which suspended certain provisions of the Ralph M. Brown Act.

President Dewane stated that for each action, a roll call vote was taken in accordance with California Government Code Section 54953 (b)(2) which states, "all votes taken during a teleconferenced meeting shall be by roll call."

President Dewane proceeded with the meeting.

PUBLIC COMMENTS

President Dewane asked for public comments.

There were no comments.

ITEMS TO BE ADDED, REMOVED, OR REORDERED ON THE AGENDA

General Manager Shoenberger reported there were no items to be added, removed, or reordered on the agenda.

CONSENT CALENDAR ITEMS:

Approve all matters under the Consent Calendar by one motion unless a Board member, staff, or a member of the public requests a separate action.

Director Bockmiller pulled Item 13 for discussion. There were no objections.

1. Approve minutes of regular Board meeting of March 12, 2020.
2. Approve minutes of special Board meeting of March 17, 2020.
3. Approve attendance considerations (additions, changes, deletions).
4. Board Schedule:
 - Conferences, Seminars, and Meetings
 - Board Calendar
7. Award a contract to Letner Roofing Co. in the amount of \$214,900 with a 10% contingency of \$21,490 for a contract amount not to exceed \$236,390 for construction of new roof membranes on the buildings at Wells 5 and 9, and associated fall protection guardrails on the building at Well 5.
6. Receive and file the Developer Project Status Report.
7. Receive and file the Mesa Water and Other Agency Projects Status Report.
8. Receive and file the Water Quality Call Report.
9. Receive and file the Water Operations Status Report.
10. Receive and file the Accounts Paid Listing.
11. Receive and file the Monthly Financial Reports.
12. Approve the nomination of James R. Fidler to the regular special district member seat on the Orange County Local Agency Formation Commission and authorize President Shawn Dewane to be the voting delegate and Vice President Marice H. DePasquale as the alternate for the Special District Member Seat Election.
13. Approve the updated Orange County Local Agency Formation Commission (OC LAFCO) dues structure to pay for the Special District portion of the OC LAFCO budget.
14. Approve a proclamation honoring Art Hernandez for his dedicated and committed service to Mesa Water District.

President Dewane asked for public comments. There were no comments.

MOTION

Motion by Vice President DePasquale, second by Director Atkinson, to approve Items 1 – 12 and Item 14 of the Consent Calendar. Motion passed 5-0, by the following roll call vote:

AYES: DIRECTORS Atkinson, Bockmiller, Fisler, DePasquale, Dewane
NOES: DIRECTORS None
ABSTAIN: DIRECTORS None
ABSENT: DIRECTORS None

ITEM 13 – Approve the updated Orange County Local Agency Formation Commission (OC LAFCO) dues structure to pay for the Special District portion of the OC LAFCO budget.

Discussion ensued amongst the Board.

MOTION

Motion by Vice President DePasquale, second by Director Atkinson, to approve the updated Orange County Local Agency Formation Commission (OC LAFCO) dues structure to pay for the Special District portion of the OC LAFCO budget. Motion passed 4-1, by the following roll call vote:

AYES: DIRECTORS Atkinson, Fisler, DePasquale, Dewane
NOES: DIRECTORS Bockmiller
ABSTAIN: DIRECTORS None
ABSENT: DIRECTORS None

ACTION ITEMS:

15. RATIFICATION OF CORONAVIRUS DISEASE 2019 RELATED ACTIONS:

MOTION

Motion by Director Fisler, second by Director Atkinson, to ratify actions taken to date by the General Manager and management staff in response to the crisis caused by the Coronavirus Disease 2019 pandemic. Motion passed 5-0, by the following roll call vote:

AYES: DIRECTORS Atkinson, Bockmiller, Fisler, DePasquale, Dewane
NOES: DIRECTORS None
ABSTAIN: DIRECTORS None
ABSENT: DIRECTORS None

16. STATE LEGISLATION POSITIONS:

MOTION

Motion by Vice President DePasquale, second by Director Bockmiller, to approve the recommended positions. Motion passed 5-0, by the following roll call vote:

AYES: DIRECTORS Atkinson, Bockmiller, Fisler, DePasquale, Dewane
NOES: DIRECTORS None
ABSTAIN: DIRECTORS None
ABSENT: DIRECTORS None

17. MESA WATER RELIABILITY FACILITY PARKING PROJECT:

MOTION

Motion by Director Bockmiller, second by Vice President DePasquale, to:

- a. Award a contract to GMC Engineering, Inc. in the amount of \$697,000 with a 10% contingency for a contract amount not to exceed \$766,700 for construction of the Mesa Water Reliability Facility (MWRf) Parking Project; and authorize execution of the contract.
- b. Award a contract to Butier Engineering, Inc. in the amount to \$98,608 with a 10% contingency for a contract amount not to exceed \$108,469 to provide construction management and inspection services for the MWRf Parking Project; and authorize execution of the contract.
- c. Award a contract to NV5, Inc. in the amount of \$15,500 with a 10% contingency for a contract amount to exceed \$17,050 to provide engineering services during construction of the MWRf Parking Project; and authorize execution of the contract.

Motion passed 5-0, by the following roll call vote:

AYES: DIRECTORS Atkinson, Bockmiller, Fislcr, DePasquale, Dewane
NOES: DIRECTORS None
ABSTAIN: DIRECTORS None
ABSENT: DIRECTORS None

18. MESA WATER RELIABILITY FACILITY OUTREACH CENTER:

MOTION

Motion by Director Atkinson, second by Vice President DePasquale, to award a contract to IBI Group in the amount of \$574,330 with a 10% contingency for a contract amount not to exceed \$631,763 for design and construction support services for the Mesa Water Reliability Facility (MWRf) Outreach Center and two spare parts storage buildings (MWRf and Well 9); and authorize execution of the contract. Motion passed 5-0, by the following roll call vote:

AYES: DIRECTORS Atkinson, Bockmiller, Fislcr, DePasquale, Dewane
NOES: DIRECTORS None
ABSTAIN: DIRECTORS None
ABSENT: DIRECTORS None

19. WELL 1 NOISE MITIGATION PROJECT:

MOTION

Motion by Director Bockmiller, second by Vice President DePasquale, to:

- a. Reject the only bid for the project; and
- b. Give the General Manager, or his designee, authority to negotiate and, as appropriate, execute a contract with Paulus Engineering for a not to exceed amount of \$170,000 plus a 10% contingency, for a total not to exceed amount of \$187,000 to perform construction of the Well 1 Noise Mitigation Enclosure.

Motion passed 5-0, by the following roll call vote:

AYES: DIRECTORS Atkinson, Bockmiller, Fisler, DePasquale, Dewane
NOES: DIRECTORS None
ABSTAIN: DIRECTORS None
ABSENT: DIRECTORS None

20. 3rd PARTY METER MONITORING DEVICES:

MOTION

Motion by Director Bockmiller, second by Vice President DePasquale, to approve a pilot program for use of non-invasive 3rd party meter monitoring devices (3rd Party Devices) for a period of 1-year with execution of a Customer waiver.

Motion passed 4-1, by the following roll call vote:

AYES: DIRECTORS Bockmiller, Fisler, DePasquale, Dewane
NOES: DIRECTORS Atkinson
ABSTAIN: DIRECTORS None
ABSENT: DIRECTORS None

PRESENTATION AND DISCUSSION ITEMS:

None.

REPORTS:

21. REPORT OF THE GENERAL MANAGER:

- March Key Indicators Report
- Other (no enclosure)

22. DIRECTORS' REPORTS AND COMMENTS

INFORMATION ITEMS:

23. DIRECTORS' REPORTS (AB 1234) PER CA GOVERNMENT CODE SECTION 53232.3 (D)

24. OTHER (NO ENCLOSURE)

RECESS

President Dewane declared a recess at 7:43 p.m.

The meeting reconvened at 7:46 p.m.

CLOSED SESSION:

President Dewane announced that the Board was going into Closed Session at 7:46 p.m.

25. CONFERENCE WITH LABOR NEGOTIATOR PURSUANT TO GOVERNMENT CODE 54957.6:
District Negotiator: General Manager
Employee Organization: District Employees

The Board returned to Open Session at 8:06 p.m.

District Secretary Garcia announced that the Board conducted one Closed Session with the General Manager, District Secretary, and Human Resources Manager pursuant to California Government Code Section 54957.6. There was no further announcement.

President Dewane adjourned the meeting at 8:07 p.m. to a Regular Board Meeting scheduled for Thursday, May 14, 2020 at 6:00 p.m.

Approved:

Shawn Dewane, President

Denise Garcia, District Secretary



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MEMORANDUM

TO: Board of Directors
FROM: Paul E. Shoenberger, P.E., General Manager
DATE: May 14, 2020
SUBJECT: Attendance at Conferences, Seminars, Meetings, and Events

RECOMMENDATION

In accordance with Ordinance No. 29, adopted February 14, 2019, authorize attendance at conferences, seminars, meetings, and events.

STRATEGIC PLAN

- Goal #1: Provide a safe, abundant, and reliable water supply.
- Goal #2: Practice perpetual infrastructure renewal and improvement.
- Goal #3: Be financially responsible and transparent.
- Goal #4: Increase public awareness about Mesa Water® and about water.
- Goal #5: Attract and retain skilled employees.
- Goal #6: Provide outstanding customer service.
- Goal #7: Actively participate in regional water issues.

PRIOR BOARD ACTION

At its July 11, 2019 meeting, the Board of Directors (Board) approved Fiscal Year 2020 attendance at Conferences, Seminars, Meetings, and Events.

DISCUSSION

During the discussion of this item, if any, the Board may choose to delete any item from the list and/or may choose to add additional conferences, seminars, meetings, or events for approval, subject to available budget or additional appropriation.

FINANCIAL IMPACT

None.

ATTACHMENTS

None.

2020 CONFERENCES, SEMINARS, AND MEETINGS:

May 18 - 19, 2020	
Public-Private Partnerships Water Summit San Diego, CA	<i>Rescheduled to September 2020</i>
May 18 - 22, 2020	
CSDA Legislative Days Sacramento, CA	<i>Virtual Event</i>
May 29, 2020	
OC Water Summit Anaheim, CA	<i>Canceled</i>
June 7 - June 25, 2020	
Harvard Senior Executives in State and Local Government Cambridge, MA	<i>Canceled</i>
June 14 - June 17, 2020	
AWWA ACE20 Conference Orlando, FL	<i>Canceled</i>
June 22 - 24, 2020	
SWMOA Annual Symposium Pico Rivera, CA	<i>Canceled</i>
June 29 - 30, 2020	
California Water Data Science Symposium Sacramento, CA	
July 27 - 31, 2020	
ACWA/JPIA Spring Conference Monterey, CA	<i>Atkinson, Bockmiller, DePasquale</i>
August 11 - 13, 2020	
ACWA Summer Quarterly Forum Sacramento, CA	
August 19 - 21, 2020	
Urban Water Institute Annual Conference San Diego, CA	<i>Canceled</i>
August 20 - 21, 2020	
5th Annual Water Data Summit Irvine, CA	
August 24 - 27, 2020	
CSDA Annual Conference Palm Desert, CA	
September 15 - 18, 2020	
CAJPA Conference South Lake Tahoe, CA	
September 17 - 18, 2020	
Public-Private Partnerships Water Summit San Diego, CA	

May 2020

May 2020							June 2020						
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24	25	26	27	28	29	30	28	29	30				
31													

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Apr 26	27	28	29	30	May 1 7:30am CALL IN ONLY WACO Meeting (CALL IN/ZOOM)	2
3	4 8:30am CALL IN ONLY MWDOC Planning & Operations Committee Meeting (Conference Room 101)	5 7:30am CANCELED ISDOC Executive Committee Meeting (Conference Room 101) 5:30pm CALL IN ONLY Costa Mesa City Council Meeting (Council Chambers)	6 8:30am CALL IN ONLY Jt. MWDOC/MWD Workshop (MWDOC/OCWD Boardroom) 5:30pm CALL IN ONLY OCWD Board Meeting (OCWD Boardroom)	7	8 Pay Period Ends	9
10	11 5:00pm CALL IN ONLY IRWD Board Meeting (15600 Sand Canyon Avenue in Irvine)	12 7:30am CALL IN ONLY OCBC Infrastructure Committee Meeting (2 Park Plaza, Suite 125 Irvine, 92614; OCBC Conference Room) 12:00pm CANCELED Executive Committee Meeting (Panian Conference Room)	13 Payday 8:00am CALL IN ONLY LAFCO Meeting (Hall of Administration 10 Civic Center Plaza Santa Ana, CA 92701) 8:30am CALL IN ONLY MWDOC Admin and Finance Committee (Conference Room 101)	14 4:00pm CALL IN ONLY Costa Mesa Chamber Board Meeting 6:00pm Mesa Water Board Meeting (Boardroom)	15	16
17	18 8:30am CALL IN ONLY MWDOC Public Affairs & Legislation (Conference Room 101)	19 7:30am CALL IN ONLY WACO Planning Committee 3:30pm CANCELED Engineering and Operations Committee Meeting 5:30pm CALL IN ONLY Costa Mesa City Council Meeting	20 VIRTUAL - CSDA Legislative Days (Sacramento, CA) 8:30am CALL IN ONLY MWDOC Board Meeting (MWDOC/OCWD Boardroom) 5:30pm CALL IN ONLY OCWD Board Meeting (OCWD Boardroom)	21 8:30am CALL IN ONLY MWDOC Executive Committee (Conference Room) 11:30am CANCELED CM Chamber Event 3:30pm CANCELED LPAC/Finance Committee Meeting (Boardroom)	22 Pay Period Ends	23
24	25 District Holiday 5:00pm R/S to 5/26 IRWD Board Meeting (15600 Sand Canyon Avenue in Irvine)	26 5:00pm R/S from 5/25 IRWD Board Meeting (CALL IN ONLY 15600 Sand Canyon Avenue in Irvine)	27 Payday	28 10:15am SCWC Webinar Series	29 7:30am CANCELED OC Water Summit (Anaheim, CA)	30
31	Jun 1	2	3	4	5	6

June 2020

June 2020							July 2020						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30					26	27	28	29	30	31	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
May 31	Jun 1 8:30am MWDOC Planning & Operations Committee Meeting (Conference Room 101)	2 7:30am ISDOC Executive Committee Meeting (Conference Room 101) 12:00pm Executive Committee Meeting (Panian Conference Room) 5:30pm Costa Mesa City Council Meeting (Council Chambers)	3 8:30am Jt. MWDOC/MWD Workshop (MWDOC/OCWD Boardroom) 5:30pm OCWD Board Meeting (OCWD Boardroom)	4 5:30pm CANCELED ICRE Student Poster Symposium (MWRP)	5 Pay Period Ends 7:30am WACO Meeting (MWDOC/OCWD Boardroom)	6
7	8 5:00pm IRWD Board Meeting (15600 Sand Canyon Avenue in Irvine)	9 7:30am OCBC Infrastructure Committee Meeting (2 Park Plaza, Suite 125 Irvine, 92614; OCBC Conference Room)	10 Payday 8:00am LAFCO Meeting (Hall of Administration 10 Civic Center Plaza Santa Ana, CA 92701) 8:30am MWDOC Admin and Finance Committee (Conference Room 101)	11 10:15am SCWC Webinar Series 6:00pm Mesa Water Board Meeting (Boardroom)	12	13 CANCELED ACE20 Conference (Orlando, FL)
14	15 CANCELED ACE20 Conference (Orlando, FL) 8:30am ACWA/JPIA Risk Management Committee Meeting 8:30am MWDOC Public Affairs & Legislation (Conference Room 101) 10:00am ACWA/JPIA Property Program Committee meeting (Executive) 1:00pm ACWA/JPIA Executive	16 7:30am WACO Planning Committee 3:30pm Engineering and Operations Committee Meeting (Boardroom) 5:30pm Costa Mesa City Council Meeting	17 CANCELED Harvard Senior Executives in State and Local Government (Cambridge, MA) 8:30am MWDOC Board Meeting (MWDOC/OCWD Boardroom) 5:30pm OCWD Board Meeting (OCWD Boardroom)	18 8:30am MWDOC Executive Committee (Conference Room 102) 11:30am CM Chamber Event	19 Pay Period Ends	20
21	22 CANCELED Harvard Senior Executives in State and Local Government (Cambridge, MA) 3:30pm LPAC/Finance Committee Meeting (Boardroom) 5:00pm IRWD Board Meeting (15600 Sand Canyon Avenue in Irvine)	23 CANCELED SWMOA Annual Symposium (Pico Rivera, CA)	24 Payday	25	26	27
28	29 Dewane Out of Town California Water Data Science Symposium (Sacramento, CA)	30	Jul 1	2	3	4

July 2020

July 2020							August 2020						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
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26	27	28	29	30	31		23	24	25	26	27	28	29
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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jun 28	29	30	Jul 1	2	3	4
			8:30am Jt. MWDOC/MWD Workshop (MWDOC/OCWD Boardroom) 5:30pm OCWD Board Meeting (OCWD Boardroom)	Dewane Out of Town	Pay Period Ends 7:30am WACO Meeting (MWDOC/OCWD Boardroom)	District Holiday
5	6	7	8	9	10	11
Dewane Out of Town	8:30am MWDOC Planning & Operations Committee Meeting (Conference Room 101)	7:30am ISDOC Executive Committee Meeting (Conference Room 101) 12:00pm Executive Committee Meeting (Panian Conference Room) 5:30pm Costa Mesa City Council Meeting (Council Chambers)	Payday 8:00am LAFCO Meeting (Hall of Administration 10 Civic Center Plaza Santa Ana, CA 92701) 8:30am MWDOC Admin and Finance Committee (Conference Room 101)	6:00pm Mesa Water Board Meeting (Boardroom)		
12	13	14	15	16	17	18
	5:00pm IRWD Board Meeting (15600 Sand Canyon Avenue in Irvine)	7:30am OCBC Infrastructure Committee Meeting (2 Park Plaza, Suite 125 Irvine, 92614; OCBC Conference Room)	8:30am MWDOC Board Meeting (MWDOC/OCWD Boardroom) 5:30pm OCWD Board Meeting (OCWD Boardroom)	8:30am MWDOC Executive Committee (Conference Room 102) 11:30am CM Chamber Event	Pay Period Ends	
19	20	21	22	23	24	25
	8:30am MWDOC Public Affairs & Legislation (Conference Room 101)	7:30am WACO Planning Committee 3:30pm Engineering and Operations Committee Meeting (Boardroom) 5:30pm Costa Mesa City Council Meeting	Payday 8:30am Jt. MWDOC/OCWD Meeting (MWDOC/OCWD Boardroom) 9:00am ACWA/JPIA Employee Benefits Program Committee Meeting (Executive Conference Room) - 1:00pm ACWA/JPIA Executive Committee Meeting (Executive Conference Room)			
26	27	28	29	30	31	Aug 1
	3:30pm LPAC/Finance Committee Meeting (Boardroom) 5:00pm IRWD Board Meeting (15600 Sand Canyon Avenue in Irvine)		ACWA/JPIA Summer Conference (Monterey, CA)		Pay Period Ends	

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
MC2235	671 W 17th Street	177 Condos	<p>Plans received and plan check fees paid on 1/21/16. Hydraulic model initiated 2/24/16. 2nd plan check submitted on 3/24/16 and picked up 4/17/16. Permit issued on 7/11/16. Mainline installation on 12/6/16. Service abandonment on 8/30/17. Valve cans raised on 9/22/17. Meter box placement on 10/19/17. Gravel base on 12/5/17. Meter box placement on 2/14/18. Meters installed and locked off on 6/1/18, 7/17/18, on 8/1/18, and again on 9/7/18. Backflow tested on 9/11/18. Meters installed and locked off on 9/18/18, 9/25/18, and again on 10/5/18. Backflows tested on 10/9/18, 2/27/19, 11/18/19 and again on 11/21/19. Meters installed and locked off on 11/27/18, 12/5/18, 12/18/18, 1/10/19, 2/8/19, 2/21/19, 3/4/19, 3/12/19, 4/26/19, 7/15, 7/16/19, and again on 10/15/19. Another batch of backflows tested on 12/20/19. Meters installed on 2/10/20 and again on 2/12/20. Phase 2 construction still on-going. (5/5/20)</p>
C0012-17-02	929 Baker Street	55 Detached Condos	<p>Plans received and plan check fees paid on 9/27/16. Plans picked up on 10/18/16. Plans submitted on 2/22/17. Plans returned on 3/6/17. Fees paid and permit issued on 3/21/17. Precon held on 6/1/17. Services installed on 8/31/17. Mainline turned on 9/14/17. Meters installed and locked on 2/26/18. Awaiting call for backflow testing to complete project. Meters installed and locked on 8/6/18. Backflow tested on 8/24/18. Site check done on 9/25/18, homes are still under construction. Meters installed and locked off on 11/2/18. Meters installed again on 1/10/19. Flow thru system tested on 3/22/19. Coordinating backflow testing for irrigation services. Backflow testing for irrigation services completed on 4/25/19. Abandonments done on 5/14/19. Meters installed 5/2/19, and flow thru systems tested on 6/6/19. Meters installed on 2/4/20. Flow thru systems tested again on 2/27/20. Construction still on-going. (5/5/20)</p>

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0056-18-01	2033 Republic Avenue	Single Family Home Service & Meter Upgrade	Plans received and plan check fees paid on 6/19/18. Comments returned for 2nd plan check review on 6/28/18. 2nd plan check submitted 7/26/18, and redlines picked up on 8/20/18. 3rd plan check submitted on 12/13/18, and redlines picked up on 1/15/19. Fourth and final plan check submitted on 1/24/19, and redlines picked up on 1/29/19. Final approval by District Engineer on 4/18/19. Final permit fees paid on 4/18/19. Permit issued on 4/30/19. Revised drawings issued 7/1/19 and returned 7/1/19. Precon held on 9/4/19. Hot tapping completed on 10/28/19. Final abandonments completed on 5/1/20.
C0058-19-01	585 & 595 Anton Boulevard (P2)	Apartment Complex	Plans received and plan check fees paid on 2/5/19. Customer picked up redlines on 2/8/19. 2nd plan check submitted 3/11/19, and redlines picked up on 3/25/19. Hydraulic Analysis received on 4/5/19. Received Water Service Agreement on 4/30; Final permit fees paid on 5/8/19. Permit issued on 5/8/19. Precon meeting held on 5/16/19. Waiting for revised Easements and Quit Claims regarding legal entities. Services installed 6/28/19. Pressure tests done on 7/2/19, Bac-T tests done on 7/8/19. Fireline charged on 9/12/19. Mesa Water staff removed two fire hydrants from jobsite on 9/18/19. Pipeline installed on 11/19/19. Raised valve can to grade on 4/22/20.
C0062-19-01	1591 & 1593 Riverside	Two Single Family Homes	Plans received and plan check fees paid on 12/14/18. Final fees paid on 2/6/19. Permit issued on 2/13/19. Precon held on 2/28/19. Services installed on 3/4/19. Waiting for meter installation and flow thru testing to be scheduled. Waiting for contractor to complete work. (5/5/20)
C0063-19-01	1375 Sunflower	Commercial Building	Plans received and plan check fees paid on 12/14/18. Customer picked up redlines on 12/31/18. 2nd plan check submitted on 1/11/19, and redlines picked up on 1/29/19. 3rd plan check submitted on 1/31/19. Final permit fees paid on 6/20/19 and permit issued on 6/25/19. Precon held on 1/10/20. Mainline excavation done on 1/14/20. Pipeline installed on 1/16/20. Raised service line to grade and installed 3" Domestic meter on 5/5/20.
C0066-19-01	2062 Pomona	Single Family Home	Plans received and plan check fees paid on 11/29/18. Final fees paid on 1/22/19. Precon held on 2/5/19. Services installed on 2/11/19. Meters installed on 1/30/20. Waiting for flow thru testing to be scheduled (5/5/20)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0070-20-01	3333 Bristol Street (Tiffany & Company)	Commercial Building	Plans received and plan check fees paid on 3/18/20 and redlines returned on 4/12/20. Plans received and plan check fees paid on 4/22/20 and redlines returned on 4/23/20. Received final Water Improvement Plan. (5/5/20)
C0071-20-01	2277 Harbor Boulevard	Apartment Complex	Plans received and plan check fees paid on 3/17/20 and emailed customer redlines on 3/26/20. 2nd Plan check received on 3/31/20. 2nd plan check submitted on 4/5/20 and returned electronically on 4/8/20.
C0072-19-01	168 & 170 Cabrillo	Two Single Family Homes	Plans received and plan check fees paid on 1/14/19. Customer picked up redlines on 1/24/19. Customer submitted 2nd plan check on 5/9/19. 2nd plan check submitted on 5/13/19 and redlines picked up on 5/20/19. Final permit fees paid on 9/26/19. Permit issued on 10/3/19. Precon meeting held on 1/9/20. Installed services and abandoned old service on 2/3/20. Meters installed on 3/16/20. Waiting for flowthru testing to be conducted. (5/5/20)
C0073-19-01	55 Fair Drive	Vanguard University Student Center	Plans received and plan check fees paid on 1/14/19. Customer picked up redlines on 2/12/19. Second plan check submitted on 3/11/19. Third/Fourth (and final) plan check submitted on 3/14/19 and redlines picked up on 3/25/19. Final mylars submitted on 3/30/20. Issued permit on 3/31/20. Waiting for PreCon/site visit to be scheduled. (5/5/20)
C0079-19-01	1957 Newport Boulevard	Meter Upgrade	Plans received and plan check fees paid on 2/5/19. Customer picked up redlines on 2/27/19. Meeting on 3/5/19 with customer to discuss easement. 2nd plan check was submitted on 4/23/19 and redlines to be picked up on 5/6/19. 3rd plan check submitted on 5/16/19. Permit approved on 8/23/19. Precon held on 9/3/19. Shutdown to tie in tee & valve service line placement and pipeline installation completed on 9/11/19. Services installed on 10/2/19 and 10/2/19. Pressure test performed on 10/9/19. Hot tapping completed on 10/14/19. Shutdown to tie-in valves on 10/24/19. Meters installed on 12/23/19. Backflow tested on 1/10/20. First phase of meters installed on 2/26/20, 2/27/20, and again on 3/23/20. Backflow tested on 4/21/20.

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0086-19-01	285 22nd Street	Residential Care Facility	Plans received and plan check fees paid on 3/11/19. Customer picked up redlines on 3/19/19. 2nd plan check submitted on 5/9/19. Customer to pick up 2nd plan check redlines on 5/6/19. 3rd plan check submitted on 5/14/19 and picked up on 5/30/19. Precon held on 8/30/19. Service connection on 9/3/19. Abandonments completed on 9/6/19. Meter installed on 9/12/19 and locked. Flowthru testing completed on 5/1/20.
C0088-19-01	239 Knox Street	Single Family Home	Plans received and plan check fees paid on 4/2/19. 1st Plan Check submitted on 4/9/19 and redlines picked up on 4/11/19. Second plan check submitted on 4/29/19. Third and final plan check submitted on 5/13/19. Final permit fees paid on 5/28/19 and permit issued on 6/11/19. Precon meeting held on 7/8/19. Meter upgraded on 7/10/19. Waiting for Flowthru to be scheduled. (5/5/20)
C0089-19-01	3160 Airport Way	John Wayne Airport Taxilot	Plans received and plan check fees paid on 4/8/19. 1st Plan Check submitted on 4/9/19. 2nd plan check submitted 04/19/19 and redlines picked up on 4/25/19. Final permit fees paid on 6/18/19. Project on hold per John Wayne staff. (5/5/20)
C0092-19-01	2089 Harbor Blvd (Harbor and Hamilton)	28 New Townhomes	Plans received and plan check fees paid on 4/23/19. 1st plan check submitted 4/23/19 and redlines to be picked up on 5/6/19. 2nd plan check submitted on 6/11/19 and redlines picked up on 6/18/19. 3rd Plan Check submitted on 11/25/19 and redlines returned to customer on 11/27/19. 4th Plan Check submitted on 2/4/20 and redlines emailed to customer on 2/12/20. Waiting for next plan check to be submitted. (5/5/20)
C0094-19-01	259 E. 20th Street	Single Family Home	Plans received and plan check fees paid on 4/30/19. 1st Plan check submitted 4/30/19 and redlines to be picked up on 5/9/19. 2nd Plan check submitted on 5/14/19 and returned on 5/20/19. Final Permit fees paid on 5/21/19 and permit issued on 5/21/19. Final permit fees paid on 6/20/19 and permit issued on 6/20/19. Precon held on 5/22/19. Meter upgraded on 6/23/19. Waitinpg for contractor to call for last inspection. (5/5/20)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0095-19-01	272 Esther Street	Single Family Home	Plans received and plan check fees paid on 4/30/19. 1st Plan check submitted 4/30/19 and redlines to be picked up on 5/7/19. 2nd Plan check submitted 6/4/19 and redlines to be picked up on 6/11/19. Final permit fees paid on 8/27/19. Precon held on 10/30. Meter installed 11/18/19 and locked. Waiting for contractor to fire protection system to conduct Flowthru testing. (5/5/20)
C0101-19-01	1275 Bristol Avenue	Car Dealership	Plans received and plan check fees paid on 6/11/19. 1st Plan check submitted 6/11/19 and redlines picked up on 6/18/19. 2nd Plan check submitted on 8/13/19 and picked up on 8/20/19. 3rd Plan check submitted 9/3/19 and returned on 9/10/19. 4th Plan check submitted 1/29/20 and picked up on 2/4/20. Final permit fees paid on 2/10/20. Permit issued on 2/24/20. PreCon completed 3/5/20. Currently in construction. (5/5/20)
C0102-19-01	3560 Cadillac Avenue	Commercial	Plans received and plan check fees paid on 6/18/19. 1st Plan check submitted 6/18/19 and redlines to be picked up on 7/2/19. 2nd Plan check submitted on 7/9/19 and picked up on 7/16/19. Final permit fees paid and permit issued on 8/6/19. Waiting for contractor to complete work. (5/5/20)
C0104-19-01	413 E. 20th Street	Single Family Home	Plans received and plan check fees paid on 7/1/19. 1st Plan check submitted 7/1/19 and redlines picked up on 7/1/19. 2nd Plan check submitted on 1/7/20 and redlines emailed on 1/15/20. Permit issued on 2/4/20. Waiting for Precon/site visit to be scheduled. (5/5/20)
C0105-20-01	3333 Avenue of the Arts	Commercial	Plans received and plan check fees paid on 7/24/19. 1st Plan check submitted 7/26/19 and redlines to be picked up on 7/26/19. 2nd Plan check submitted on 8/30/19 and resubmitted on 9/11/19. 3rd plan check resubmitted on 10/8/19. Permit approved and final fees paid on 10/24/19. Precon held on 11/24/19. Temporary RW pipeline inspected and approved on 11/27/19 and report sent to DDW on 12/4/19. Waiting for contractor to complete work. (5/5/20)
C0110-20-01	861 Governor Street	Single Family Home	Plans received and plan check fees paid on 7/15/19. 1st Plan check submitted 7/26/19 and redlines picked up on 7/26/19. Developer still on hold for construction. (5/5/20)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0115-20-01	2179 Miner Street	Single Family Home	Plans received and plan check fees paid on 8/20/19. 1st Plan check submitted 8/27/19 and redlines picked up on 8/27/19. 2nd Plan check submitted on 1/9/20 and returned on 1/21/20. Permit issued on 2/4/20. Precon/site visit scheduled on 3/31/20. Meter installed on 4/21/20.
C0117-20-01	192 Flower Street	Single Family Home	Plans received and plan check fees paid on 10/7/19. 1st Plan check submitted 10/7/19 and redlines picked up on 10/16/19. 2nd Plan check submitted on 10/29/19. Precon held on 11/26/19 and meter installed on 12/2/19. Waiting for contractor to complete work. (5/5/20)
C0118-20-01	487 Abbie Way	Single Family Home	Plans received and plan check fees paid on 10/14/19. 1st Plan check submitted 10/21/19 and redlines picked up on 10/21/19. Permit approved and final fees paid on 10/22/19. Permit issued on 10/24/19. Waiting for contractor to complete work. (5/5/20)
C0120-20-01	934 Congress Street	Single Family Home	Plans received and plan check fees paid on 10/28/19. 1st Plan check submitted 10/28/19 and redlines picked up on 11/5/19. 2nd Plan check submitted on 3/11/20, and redlines emailed to customer on 3/18/20. 3rd Plan check submitted on 3/24/20 and redlines remailed to customer on 3/26/20. Customer put project on hold (5/5/20)
C0121-20-01	372 Bucknell Road	Single Family Home	Plans received and plan check fees paid on 10/28/19. 1st Plan check submitted 10/28/19 and redlines picked up on 10/29/19. Waiting for next plan check to be submitted. (5/5/20)
C0122-20-01	925 W 18th Street	Commercial	Plans received and plan check fees paid on 10/28/19. 1st Plan check submitted 10/28/19 and redlines picked up on 10/29/19. 2nd plan check submitted 12/4/19. 3rd Plan check submitted on 1/2/20 and redlines picked up on 1/6/20. Final plan check fees paid on 2/26/20. Permit issued on 4/18/20. Waiting for Precon to be scheduled. (5/5/20)
C0123-20-01	449 W Bay Street	Commercial	Plans received and plan check fees paid on 11/18/19. 1st Plan check submitted 11/18/19 and redlines picked up on 11/22/19. 2nd Plan check submitted on 1/7/20 and redlines emailed on 1/15/20. Final permit fees paid on 1/28/20, and permit issued on 1/29/20. Precon held on 2/6/20. Inspection scheduled for 3/31/20. Meter installed on 4/17/20.

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0124-20-01	2209 Fairview Road	Commercial	Plans received and plan check fees paid on 11/18/19. 1st Plan check submitted 11/5/19 and redlines picked up on 11/19/19. 2nd Plan check submitted on 11/21/19 and redlines picked up on 11/27/19. 3rd Plan check submitted on 2/3/20 and redlines returned to customer on 2/4/20. (5/5/20)
C0125-20-01	3080 Airway Avenue	Commercial	Plans received and plan check fees paid on 11/18/19. 1st Plan check submitted 11/7/19 and redlines picked up on 11/27/19. 2nd Plan check submitted on 1/16/20 and redlines picked up on 2/11/20. Permit issued on 3/6/20. Precon meeting held on on 4/28/20.
C0126-20-01	1646 Santa Ana Avenue	Single Family Home	Plans received and plan check fees paid on 11/18/19. 1st Plan check submitted 11/18/19 and redlines picked up on 11/26/19. 2nd Plan Check submitted on 1/2/20 and redlines picked up on 1/6/20. Final fees paid (3/23). Fire protection approval received (4/21). Permit issued 4/27/20.
C0128-20-01	901 B South Coast Drive	Commercial	Plans received and plan check fees paid on 11/25/19. 1st Plan check submitted 11/25/19 and redlines picked up on 12/3/19. 2nd Plan check submitted on 2/21/20 and redlines emailed to customer on 3/5/20. 3rd Plan check submitted on 3/16/20 and redlines emailed to customer on 3/18/20. Waiting for next plan check to be submitted. (3/31/20).
C0129-20-01	3590 Cadillac Avenue, Suite B	Commercial	Plans received and plan check fees paid on 11/25/19. 1st Plan check submitted 11/25/19 and redlines picked up on 12/4/19. 2nd Plan check submitted 1/14/20 and redlines emailed on 1/21/20. 3rd Plan check submitted on 3/20/20 and returned on 3/22/20. (5/5/20)
C0102-20-01	3560 Cadillac Avenue	Commercial	Plans received and plan check fees paid on 11/25/19. 1st Plan check submitted 11/25/19 and redlines picked up on 12/4/19. Waiting for next plan check to be submitted. (5/5/20)
C0102-20-02	3550 Cadillac Avenue	Commercial	Plans received and plan check fees paid on 11/25/19. 1st Plan check submitted 11/25/19 and redlines emailed on 12/4/19. Waiting for next plan check to be submitted. (5/5/20)
C0130-20-01	2940 College Avenue	Commercial	Plans received and plan check fees paid on 11/25/19. 1st Plan check submitted 11/25/19 and redlines picked up on 12/3/19. 2nd Plan check submitted on 12/9/19 and redlines emailed on 12/14/19. Final permit fees paid on 1/27/20, and permit issued on 1/29/20. Precon held on 3/5/20. Waiting for contractor to call for next inspection. (5/5/20)

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0131-20-01	1975 Wallace Avenue	6 Unit Apartments	Plans received and plan check fees paid on 11/18/19. 1st Plan check submitted 11/18/19 and redlines picked up on 11/22/19. 2nd Plan check submitted on 12/2/19 and redlines picked up on 12/3/19. Final permit fees paid on 3/6/20 and permit issued on 3/6/20. Waiting for contractor to call for inspection. (5/5/20)
C0132-20-01	3070, 3080, 3090 Bristol Street	Commercial	Plans received and plan check fees paid on 12/5/19. 1st Plan check submitted on 1/21/20 and redlines returned to customer on 1/29/20. Conducted field inspection on 2/27/20 and 3/10/20. 2nd Plan check submitted on 3/31/20 and redlines returned to customer on 4/12/20. Issued Payment Voucher and Water Service Agreement for payment and signature. Permit approved and issued on 5/1/20. Precon meeting held on 5/4/20.
C0133-20-01	3100 and 3150 Bristol Street	Commercial	Plans received and plan check fees paid on 12/5/19. 1st Plan check submitted on 1/21/20 and redlines returned to customer on 1/29/20. Conducted field inspection on 2/27/20 and 3/10/20. 2nd Plan check submitted on 3/31/20 and redlines returned to customer on 4/12/20. Issued Payment Voucher and Water Service Agreement for payment and signature. Permit approved and issued on 5/1/20. Precon meeting held on 5/4/20.
C0134-20-01	2227 Donnie Street	Single Family Home	Plan check fees paid on 1/14/20 and waiting for Water Improvement Plan.
C0135-20-01	3150 Bear Street	College	Plans received and plan check fees paid on 1/21/20. 1st Plan check submitted on 1/21/20 and redlines returned to customer on 2/4/20. (5/5/20)
C0136-20-01	1461 Superior Avenue	Commercial	Plans received and plan check fees paid on 2/26/20. 1st Plan check submitted on 2/26/20 and redlines emailed to customer on 3/6/20. 2nd Plan check submitted on 3/17 and redlines emailed to customer on 3/22. 3rd Plan check submitted on 3/25 and redlines emails to customer on 3/26. Issued permit on 4/23/20. Waiting for PreCon meeting.
C0137-20-01	3001 Murray Lane	Single Family Home	Plans received and plan check fees paid on 2/28/20. 1st Plan check submitted on 2/28/20 and emailed returned on 3/9/20. (5/5/20)
C0138-20-01	1966 Wallace Avenue	Five Single Family Homes	Plans received and plan check fees paid on 3/4/20. 1st Plan check submitted on 3/4/20. 2nd Plan check submitted on 3/20/20 and redlines emailed to customer on 3/22/20.

DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0139-20-01	1592 Riverside Place	Two Single Family Homes	Plans received and plan check fees paid on 3/4/20. 1st Plan check submitted on 3/4/20 and redlines emailed to customer on 3/13/20. 2nd Plan check submitted on 4/17/20 and redlines emailed to customer on 4/18/20. Issued Payment Voucher and Water Service Agreement for payment and signature (4/23).
C0140-20-01	2163 National Avenue	Single Family Home	Plans received and plan check fees paid on 3/4/20. 1st Plan check submitted on 3/4/20 and redlines emailed to customer on 3/13/20. (5/5/20)
C0141-20-01	424 Esther Street	Single Family Home	Plans received and plan check fees paid on 3/10/20. 1st Plan check submitted on 3/10/20 and redlines emailed to customer on 3/18/20. 2nd Plan check submitted on 3/20 and redlines emailed to customer on 3/22. Final permit fees paid on 4/10/20, and permit issued on 4/18/20. PreCon/site visit conducted on 4/28/20. Meter installed on 4/30/20. Flowthru system tested on 5/5/20.
C0142-20-01	2309 Santiago Drive	Single Family Home	Plans received on 4/23/20 and plan check fees paid on 4/29/20. 1st Plan check submitted on 4/23/20.
C0143-20-01	359 Nassau Road	Single Family Home	Plans received on 4/23/20 and plan check fees paid on 4/24/20. 1st Plan check submitted on 4/23/20.

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT
May 2020

Project Title: OC-44 Replacement and Rehabilitation Evaluation and Cathodic Protection Study

File No.: M 2034

Description: Evaluate potential repair and replacement options.

Status: Request for Bids sent out to contractors on February 6, 2019. Six bids received on 3/6/19. E&O Committee recommended award of the contract to lowest bidder (E.J. Meyer Company) on 3/19/19. Kick-off meeting held on 4/25/2019. Staff is working on reviewing submittals. Met with SARWQB on 5/24/19 and discussed water discharge permit requirements w/Susan Beeson. On 5/30/19 met with OCSD and went over requirements for the Special Purpose Discharge Permit (SPDP). Held Project Progress meeting on 6/6/19 and coordination meeting with Metropolitan Water District on 6/20/19. Held Permit Status Meeting on 7/11/2019, Traffic Coordination Meeting with Fletcher Jones Mercedes Dealership on 7/23/2019 and Project Progress Meeting on 7/23/2019. Submitted Application Package to OCSD for SPDP on 7/31/2019. Received Special Purpose Discharge Permit from OCSD on September 1, 2019. Coordination meeting with Fletcher Jones and Project Progress Meeting was held on 9/11/19. Contractor mobilized on 9/15/19 and started dewatering efforts. Project is substantially complete and line is ready for use. Native planting is complete and the contractor is providing maintenance of planted vegetation. The post-construction walk-through meeting held on 4/30/20. (4/30/20)

Project Title: Pipeline Testing Program

File No.: MC 2141

Description: Implement Resolution No. 1442 Replacement of Assets to annually perform non-destructive testing of 1% of the distribution system, and destructive testing of segments that are shown to have less than 70% of original wall thickness by non-destructive testing.

Status: Three miles of AC pipe constructed in 1956 were selected for non-destructive wall thickness measurement, which occurred during the week of January 14, 2019. The report was received on February 8, 2019. Five AC pipe samples are planned to be collected and sent for wall thickness measurements as part of routine valve replacements in April 2019. Samples were sent to the testing lab in May 2019, and the wall thickness measurement report was received on June 24, 2019. With more data collected from AC pipe samples, a proposed update the Res. 1442 Replacement of Assets was approved by the E&O Committee in September 2019. Staff developed a process for classifying pipeline breaks, and provided a class to the Distribution crews on November 21, 2019. Four AC pipe samples collected during valve replacements were sent for EDS testing on January 28, 2020. Reports were received on March 19, 2020 and are being reviewed. Staff is considering nondestructive testing of 1 to 2 miles of CMLC steel distribution pipelines. Staff is working with MWDOC on 30 miles of nondestructive leak detection planned for mid-May. (05/4/20)

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT
May 2020

Project Title: Chandler & Croddy Wells and Pipeline Project

File No.: M18-113

Description: Design, documentation, and permitting for two new wells located on Chandler Avenue and Croddy Way in the City of Santa Ana and the distribution pipeline connecting the wells to Mesa Water's supply system.

Status: Tetra Tech has been contracted to complete the design, documentation, and permitting for the Chandler and Croddy Wells and Pipeline Project. Initial data request sent to Tetra Tech on September 7, 2017. Met with Division of Drinking Water regarding well locations on September 20, 2017. Preliminary hydrological evaluation received on September 29, 2017. Board approved demolition of existing structures and dedicated well facility with option to evaluate long-term lease potential as market conditions dictate at both sites at November 2017 E&O. Butier Engineering has been contracted to provide Construction Management Services. Preliminary Design Report (PDR) for the distribution pipeline was reviewed and returned on March 6, 2018. Well site layouts were presented to the Board in May. DDW waiver for 50-foot control zone is currently being drafted. The revised PDR for the pipeline and the well sites was received in June 2018. A workshop to discuss review comments was held on August 14, 2018. 50% design for the Croddy Pipeline was received and the design review workshop occurred on November 26, 2018. 50% design for the wells is scheduled for submittal in February 2019. The draft CEQA Mitigated Negative Declaration was received on January 22, 2019, and filed for 30-day public comment on February 20, 2019 and completed on March 22, 2019. Four agencies submitted minor comments. A public meeting to adopt the Mitigated Negative Declaration has been noticed for the April 11, 2019 Board of Directors meeting. The revised Preliminary Design Report for the Chandler and Croddy Wells was received on March 5, 2019. 50% design documents for the existing building demolitions and well drilling were received on April 16, 2019. 50% design documents for well equipping were received on September 9, 2019 and reviewed by staff. The design team met on October 7, 2019, to review design options for the Croddy Pipeline. A corrosion potential report for the Croddy pipeline alignment was received on December 23, 2019, and reviewed by staff. A design team workshop was held on February 13, 2020. 90% design deliverables for building demolition and well drilling were received on February 11, 2020 and February 28, 2020, and were reviewed by staff. Well equipping package 90% design package is expected in May 2020. Site demolition 100% design is nearing completion, and recommendations for demolition contractors are being sought for the prospective bidder's list. (5/4/20)

Project Title: Meter Technology Evaluation

File No.: MC 2248

Description: The lifespan of a water meter is approximately 15 years. As a meter ages, the accuracy drops off due to wear. In preparation for its annual water meter replacement, staff has been reviewing water meter technology determining what water meter and reading solutions would be the best fit for Mesa Water's aging register technology. With today's technology, there are several types of meters and meter reading solutions available. The most common are as follows: Fixed Network,

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

May 2020

Automatic Meter Reading (AMR) System, Handheld or Touch Technology, and Advanced Metering Analytics - Cellular Endpoint.

Status: Mesa Water prepared a Technical Memo with information of the existing aging metering technology in comparison with proposed new meter reading solutions. The Technical memo was presented to the April E&O Committee and approved by the Board at the May 2019 Board meeting. Recommendations approved by the Board for early implementation include ensuring competitive pricing from the standardized meter supplier, making cellular endpoint meters available to customers who wish to have access to real-time water use data, and working with the meter reading software vendor to configure a software upgrade. Staff has compiled the total installed cost of the cellular endpoint meters and presented an implementation plan to the Engineering and Operations Committee on August 20, 2019. Staff also negotiated a contract with National Meter and Automation for preferred customer pricing and limiting annual price escalation, and presented the contract to the Engineering and Operations Committee on August 20, 2019. Staff is working with Badger Meter and Cogsdale to add cellular endpoints to large customer meters to automate meter reading and billing. Staff evaluated each Route 600 meter and vault for meter, register, and end point replacement to assist with installation activities. The first set of cellular endpoints were installed on February 26, 2020. The data is being received by Badger's Beacon system. Route 600 meter vaults were evaluated for construction challenges. Two sites were identified for attempting challenging replacements with and without vault demolition. A proposal was received from Badger on April 28, 2020, for upgrading meter reading field tools and is being evaluated. A proposal was requested from Sprypoint on April 29, 2020 to integrate traditional meter reads into the Badger Beacon system. (5/4/20)

Project Title: Reservoirs 1 & 2 Chemical Systems Design

File No.: M18-117

Description: Improve disinfection and mixing in both reservoirs to improve water quality and minimize nitrification.

Status: Final Design Contract awarded to Hazen & Sawyer on February 14, 2018. 50% design report received on July 17, 2018. Design review workshop took place in September 2018. A site visit to Laguna Beach County's El Morro reservoirs occurred on November 8, 2018, to evaluate the Vortex mixing system. Staff met with the designer on December 5, 2018, to incorporate design-for-reliability and design-for-maintainability principals into the mixing system design. The consultant provided a Technical Memo summarizing the options for maintainability and reliability of the Vortex mixer system on April 4, 2019. The 90% design deliverable was received on June 4, 2019, and is being reviewed by staff. Per the E&O Committee's request, the Preliminary Design Report describing the basis of this project was included in the October E&O Committee package. The consultant is working with the reservoir management system supplier to use Mesa Water's standardized analytical equipment to maintain disinfectant residual in the reservoirs. 100% design deliverable was received on April 29, 2020 and was reviewed by staff. (5/4/20)

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT
May 2020

Project Title: Capital Improvement Program Renewal (CIPR) Request for Qualifications for On-Call Design Services

File No.: TBD

Description: Request for Qualifications (RFQ) to Select Design Consultants for CIPR

Status: A draft Request for Qualifications for CIPR Design Services was drafted and sent to consultants for review on March 6, 2020. The final request for qualifications was released to nine consulting firms on March 25, 2020. A pre-proposal meeting was held April 2, 2020. Statements of Qualifications from 8 consultants were received on April 23, 2020. Contract award recommendations will be considered at the May 14, 2020, Board of Directors meeting. (5/4/2020)

Project Title: District Wide Security System

File No.: TBD

Description: Planning and Design Services for a District-Wide Security System

Status: The District-Wide security system is among the first new projects to be awarded as part of the Capital Improvement Program Renewal (CIPR). Staff is drafting the scope of work for the project. (5/4/2020)

Project Title: MWRF Outreach Project

File No.: TBD

Description: MWRF Outreach Center and Storage Facility

Status: In November 2019 the Board directed staff to proceed with Design Concept 2 of the Mesa Water Reliability Facility Outreach Center. Mesa Water obtained a cost proposal from IBI Group to provide professional design services and construction support services for the MWRF Outreach Center. The scope of work also incorporates the design of a MWRF spare parts storage building (located at the MWRF) and wells spare parts storage building (located at Well 9 or other well site) as part of the design services. Board approved this item at its 4/9/2020 Board Meeting. The pre-design kick-off meeting was held on 4/27/20. Design in progress. (4/30/20)

Project Title: Well 1 Sound Mitigation Enclosure Project

File No.: M17-100

Description: Install Well 1 Noise Mitigation Enclosure

Status: In January, 2020, Mesa Water's design Consultant completed the design, specifications, and bid package for Well 1 Noise Mitigation Enclosure. Mesa Water invited eight prospective contractors for a site visit (March 9, 2020) and a request to submit a bid. Bids closed on March 17, 2020, and one bid was received from Paulus Engineering. The Board approved this item at the April 9, 2020 Board Meeting. Working on finalizing the contract. (4/30/20)

MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT
May 2020

Project Title: MWRF Parking Project

File No.: M20-105

Description: Construct Parking on Gisler Avenue

Status: The Board approved Alternative No. 3 Parking option along Gisler Ave. on 3/15/2014. E & O Committee accepted the conceptual design (by NV5 former Civil Source) and provided comments at the May 2015 E&O Committee Meeting. An Encroachment Permit was received from the City of Costa Mesa in September 2016. The final bid package was completed 3/15/16. Board approved the Hold Harmless Agreement for the Installation of off-site parking improvements within public right-of-way at the August 2016 E&O Committee Meeting. Agreement sent to the City for execution and recording on 9/7/16. Recorded Agreement received from the City on 10/19/16.

Request for Bids sent out to contractors on February 25, 2020. Two bids received on 3/24/20. Board awarded contract to the lowest bidder (GMC Engineering, Inc.) on 4/9/20. Working on obtaining the traffic control permit from the City of Costa Mesa. (4/30/20)

Water Quality Call Report

April 2020

Date: 4/2/2020
Source: Phone/Visit
Address: 2019 Placentia Avenue
Description: Customer has been away from his house for 3 weeks and upon return is noticing a sulfur odor in the shower.

Outcome: Explained to customer that the water is clear, odorless, and has a chlorine residual at the outside hose bib. The two water samples the customer provided from the shower have sulfur odor and no chlorine residual. The water quality has changed after entering the home. Customer was advised to contact a plumber to flush system.

Date: 4/3/2020
Source: Phone/Visit
Address: 920 Dahlia Avenue
Description: Customer called to report sudden dirty/rusty water.

Outcome: Staff were in the area exercising valves and may have disturbed sediment in the water main. Staff flushed the nearby fire hydrant to clear the sediments since the customer lives at the end of the cul-de-sac and the line is a dead end. Customer also flushed his internal lines until the water cleared up.

Date: 4/14/2020
Source: Phone
Address: 1585 Riverside
Description: Customer experienced discolored water for about an hour on Saturday and then it cleared up. Customer is wondering what may have caused the discolored water.

Outcome: No clear cause has been identified and the issue has not recurred. Residence is in a short, dead end cul-de-sac. Mesa Water was not performing work in the area.

Date: 4/17/2020
Source: Phone
Address: 151 Kalmus
Description: Customer called to report sudden discolored water that resulted from a sheared fire hydrant nearby.

Outcome: Distribution crews were on site cleaning up after the sheared hydrant and went to flush nearby hydrants to clear the line. Provided update to customer.

Date: 4/17/2020

Source: Phone

Address: Not Provided

Description: Customer inquired why the water she stored in used store-bought water containers are growing mold after a few weeks of storage. She collected water from the water vending machine to store for emergency purpose.

Outcome: Explained to customer that used containers need to be sanitized prior to storing clean water. Sent customer EPA and CDC links on recommendations for disinfecting water for storage.

Date: 4/17/2020

Source: Phone

Address: Not Provided

Description: Customer is interested in a home test kit to test the water for taste.

Outcome: Explained to customer that there is not a home test or a laboratory taste test available since taste is subjective. Phone line was disconnected and was unable to reach customer for a follow up.

Date: 4/22/2020

Source: Declined

Address: Not Provided

Description: Customer stated that the water smells bad from 2-3 AM and wants to know what Mesa Water is putting in the water at that time.

Outcome: Explained to customer that the water is disinfected with chlorine and offered customer a site visit which she declined and said that her house is not the problem. Followed up with customer a few days later and she wanted to know if the amount of chlorine added in the water is safe. Explained to customer that EPA and the State of California set stringent drinking water standards for many compounds, including chlorine. Assured customer that chlorine is being monitored and levels are well below the maximum allowable level.

Date: 4/29/2020

Source: Phone/Visit

Address: 151 Kalmus Drive F-1

Description: Customer has noticed periodic discolored water in three toilets. Sink water appears to be clear.

Outcome: Water from the front hose bib as well as the water in the customer's sinks and toilets were clear during the site visit. The customer's first experience of "rusty yellow" water was two weeks earlier at the same time another customer from this location reported discolored water due to a hit fire hydrant. Customer then noticed the return of the discolored water on the 29th which was the same time the new valve and hydrant lateral for the hit hydrant was replaced. The discolored water may be related to the service line shutdowns for repair. Customer was asked to call back if they should experience discolored water in the future.

Water Operations Status Report
July 1, 2019 - April 30, 2020

Operations Department Status Report	Wk Unit	Plan Days	Act Days	Plan Qty	Act Qty	Plan Cost	Actual Cost
01 - HYDRANTS							
WD-0101 - HYDRANT MAINTENANCE	HYDRANTS	140	113	2808	2196	\$55,710	\$43,784
WD-0102 - HYDRANT PAINTING	HYDRANTS	12	14	351	402	\$4,161	\$5,000
WD-0103 - HYDRANT REPAIR	HYDRANTS	43	45	50	46	\$14,208	\$24,767
Program 01 TOTAL		195	172			\$74,079	\$73,551
02 - VALVES							
WD-0201 - DISTRIBUTION VALVE MAINTENANCE	VALVES	100	102	1996	2158	\$43,224	\$42,816
WD-0202 - NIGHT VALVE MAINTENANCE	VALVES	12	0	165	0	\$5,571	\$0
Program 02 TOTAL		112	102			\$48,795	\$42,816
03 - METERS							
WD-0305 - ANGLE STOP/BALL VALVE REPLACE	REPLACE	22	18	43	38	\$13,668	\$6,624
Program 03 TOTAL		22	18			\$13,668	\$6,624
04 - MAIN LINES							
WD-0401 - MAIN LINE REPAIR	REPAIRS	100	68	17	7	\$50,181	\$33,282
WD-0402 - AIR VAC MAINTENANCE/REPAIR	REPAIRS	22	20	132	137	\$8,134	\$6,857
Program 04 TOTAL		122	88			\$58,315	\$40,139
05 - SERVICE LINES							
WD-0501 - SERVICE LINE REPAIR	REPAIRS	47	92	17	29	\$19,874	\$43,402
Program 05 TOTAL		47	92			\$19,874	\$43,402
06 - CAPITAL							
CAP AV - CAPITAL AIR VACUUM REPLACE	AIR VACS	30	52	5	23	\$12,405	\$22,981
CAP BI - CAPITAL BYPASS & METER INSTALL	REPLACE	12	0	1	0	\$6,425	\$0
CAP FH - CAPITAL HYDRANT UPGRADE	HYDRANTS	198	75	29	15	\$152,332	\$59,966
CAP MV - CAPITAL MAINLINE VALVE REPLACE	VALVES	164	97	29	13	\$110,442	\$51,443
CAP SL - CAPITAL SERVICE LINE REPLACE	SERVICES	31	35	8	7	\$17,038	\$17,283
CAP SS - CAPITAL SAMPLE STATION REPLACE	STATIONS	5	1	5	1	\$2,488	\$184
Program 06 TOTAL		440	260			\$301,130	\$151,857
TOTAL						\$515,861	\$358,389

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
CAPITAL				
MICHAEL BAKER INTERNATIONAL				
000032362	1071306	M18-118 OC44 PIPELINE REHAB		23,934.14
000032362	1074394	M18-118 OC44 PIPELINE REHAB		16,142.18
	3/5/2020		1	<u>40,076.32</u>
SNYDER LANGSTON HOLDINGS, LLC				
000032448	1173-011	M17-106 HVAC/ROOF REPAIRS		80,172.00
	3/13/2020		1	<u>80,172.00</u>
TETRA TECH, INC				
000032415	51555349	M18-100 DESIGN SERVICES		27,987.00
	3/5/2020		1	<u>27,987.00</u>
TOTAL CAPITAL			3	148,235.32

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
DEPARTMENT EXPENSE				
ACWA JOINT POWERS INSURANCE AUTHORITY				
000032457	APR2020EAP	APRIL 2020 EAP		136.30
	3/13/2020		1	136.30
APPLE ONE EMPLOYMENT				
000032426	01-5516777	TEMP LABOR, HR, WE 02/08		840.96
000032426	01-5521820	TEMP LABOR, HR, WE 02/15		595.68
000032458	01-5529211	TEMP LABOR, HR, WE 02/22		893.25
000032531	01-5536165	TEMP LABOR, HR, WE 02/29		817.60
	3/19/2020		3	3,147.49
AMERICAN WATER WORKS ASSOCIATION				
000032508	7001764197	KAY L. MEMBERSHIP 50120-043020		286.00
	3/13/2020		1	286.00
CA DEPT OF JUSTICE				
000032461	438692	PRE-EMPLOYMENT FINGERPRINTS		32.00
	3/13/2020		1	32.00
CALPERS BENEFIT PAYMENTS				
0152846	021420	PPE 2/14/20		34,041.27
0152847	15957097	MARCH HEALTH		51,371.13
0152848	15926590	FEBRUARY PA HEALTH		6,408.26
0153468	022820	PPE 2/28/20		34,354.99
	3/19/2020		4	126,175.65
CA ASS'N OF PUBLIC PURCH OFCR				
000032433	300006204	2020 ANNUAL MEMBERSHIP: MARY		130.00
	3/5/2020		1	130.00
COLONIAL LIFE & ACCIDENT INS				
000032384	8892333-0307501	INSURANCE - PPE 02/14/20		208.75
000032462	8892333-0321310	INSURANCE - PPE 02/28/20		208.75
	3/13/2020		2	417.50

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
FIRST BANKCARD				
0153387	022120	FEBRUARY CHARGES		17,182.63
	3/18/2020		1	<u>17,182.63</u>
HOOVER PRINTING				
000032469	94659	PRINTING - NEWSLETTER		2,386.66
	3/13/2020		1	<u>2,386.66</u>
ICMA-RC RETIREMENT				
0152841	22820	PPE 2/28/20		1,028.96
0152842	228201	PPE 2/28/20		4,554.26
0153465	31320	PPE 3/13/20		1,028.96
0153466	0313201	PPE 3/13/20		4,554.26
	3/19/2020		4	<u>11,166.44</u>
4 IMPRINT				
000032540	8213637	MWD PROMO ITEMS		168.10
000032592	8250810	MWD PROMO ITEMS		2,543.87
	3/27/2020		2	<u>2,711.97</u>
NATIONWIDE RETIREMENT SOLUTIONS				
0152843	22820	PPE 2/28/20		6,404.93
0153467	031320	PPE 3/13/20		6,404.93
	3/19/2020		2	<u>12,809.86</u>
ORANGE COUNTY EMPLOYEES ASSN				
000032400	OCEA PPE 022820	MEMBERSHIP DUES - PPE 02/28		275.52
000032596	OCEA PPE 031420	MEMBERSHIP DUES - PPE 03/14		295.20
	3/27/2020		2	<u>570.72</u>
TASC				
000032413	IN1709613	FSA ADMIN FEES- JANUARY 2020		474.19
000032604	IN1729350	FSA ADMIN FEES-FEBRUARY 2020		161.19
	3/27/2020		2	<u>635.38</u>
ULTIMATE STAFFING SERVICES				
000032445	13850545	TEMP LABOR, CS, WE 02/02		1,319.20

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
000032445	13853714	TEMP LABOR, CS, WE 02/09		1,319.20
000032520	13853713	TEMP LABOR, HR, WE 02/09		2,726.80
000032520	13856779	TEMP LABOR, HR, WE 02/16		2,726.80
000032520	13860008	TEMP LABOR, HR, WE 02/23		1,090.72
000032552	13863309	TEMP LABOR, HR, WE 03/01		2,726.80
	3/19/2020		3	11,909.52
VISTA DEL VERDE LANDSCAPE				
000032421	33458	LANDSCAPE MAINTENANCE - MAR20		2,770.09
	3/5/2020		1	2,770.09
TOTAL DEPARTMENT EXPENSE			31	192,468.21

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
DIRECTOR CHECKS				
FRED BOCKMILLER				
0152985	EXP022820	MILEAGE REIMBURSEMENT		48.07
	3/17/2020		1	48.07
JAMES ATKINSON				
0152680	EXP021020	MILEAGE REIMBURSEMENT		41.98
0152983	EXP031020	EXPENSE REIMBURSEMENT		123.57
0152984	EXP022820	MILEAGE REIMBURSEMENT		23.00
	3/17/2020		3	188.55
JAMES FISLER				
0152681	EXP021020	MILEAGE REIMBURSEMENT		35.65
0152989	EXP022820	MILEAGE REIMBURSEMENT		31.05
	3/17/2020		2	66.70
MARICE DEPASQUALE				
0152682	EXP021020	MILEAGE REIMBURSEMENT		21.85
0152683	EXP021120	CONFERENCE REIMBURSEMENT		888.32
0152986	EXP022820	MILEAGE REIMBURSEMENT		29.33
	3/17/2020		3	939.50
SHAWN DEWANE				
0152684	EXP021020	MILEAGE REIMBURSEMENT		90.85
0152685	EXP021020-1	EXPENSE REIMBURSEMENT		205.72
0152987	EXP030320	COMMUNICATIONS REIMBURSEMENT		1,652.55
0152988	EXP022820	EXPENSE REIMBURSEMENT		95.43
	3/17/2020		4	2,044.55
TOTAL DIRECTOR CHECKS			13	3,287.37

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
EMPLOYEE CHECKS				
ALEX HRADECKY				
0152990	EXP031020	SAFETY SHOES		200.00
	3/17/2020		1	<u>200.00</u>
JUSTIN FINCH				
0152992	EXP022620	EXPENSE REIMBURSEMENT		71.64
	3/17/2020		1	<u>71.64</u>
KYLE BARKER				
0152688	EXP020420	TUITION REIMBURSEMENT		294.35
	3/3/2020		1	<u>294.35</u>
MARWAN KHALIFA				
0152686	EXP012920	EXPENSE REIMBURSEMENT		71.10
0152687	EXP010920	EXPENSE REIMBURSEMENT		66.79
	3/3/2020		2	<u>137.89</u>
SHANE KEMP				
0152993	EXP030320	SAFETY SHOES		200.00
	3/17/2020		1	<u>200.00</u>
STACY TAYLOR				
0152994	EXP022020	EXPENSE REIMBURSEMENT		123.63
	3/17/2020		1	<u>123.63</u>
TYLER JERNIGAN				
0152991	EXP030320	CERT REIMB - SWRCB		105.00
	3/17/2020		1	<u>105.00</u>
TOTAL EMPLOYEE CHECKS			8	<u>1,132.51</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
FINANCIAL OBLIGATIONS				
US BANK				
000032487	5561948	2010 COPS ADMIN FEES		1,850.00
0152849	1549854	2017 COPS PAYMENT		3,431,120.06
	3/13/2020		2	3,432,970.06
TOTAL FINANCIAL OBLIGATIONS			2	3,432,970.06

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
GENERAL AND ADMINISTRATIVE				
CHALK & VERMILION FINE ARTS, INC.				
000032363	CHEQ00099007456	30000825 Overpayment		30.50
	3/5/2020		1	<u>30.50</u>
STEVEN CROOKS				
000032524	CHEQ00099007476	04608719 Cheque Deposits 04608		19.38
	3/19/2020		1	<u>19.38</u>
NEW CREATION ENG & BUILDERS, INC.				
000032495	CHEQ00099007473	20076400 Cheque Deposits 20076		985.28
	3/13/2020		1	<u>985.28</u>
STILLWELL CONSTRUCTION, INC.				
000032364	CHEQ00099007460	20071700 Overpayment		461.05
	3/5/2020		1	<u>461.05</u>
CITY OF COSTA MESA				
000032509	03062020	WISG 4/29/20 PARKING PERMIT		425.00
	3/13/2020		1	<u>425.00</u>
LEROY P VENTEICHER				
000032365	CHEQ00099007455	06702400 Overpayment		19.78
	3/5/2020		1	<u>19.78</u>
JOE W CONNER				
000032525	CHEQ00099007477	01401000 Cheque Deposits 01401		130.55
	3/19/2020		1	<u>130.55</u>
NINA LOZANO				
000032577	CHEQ00099007482	10200400 Cheque Deposits 10200		140.43
	3/27/2020		1	<u>140.43</u>
LENORE LEVERETT				
000032496	CHEQ00099007469	01600900 Cheque Deposits 01600		39.41
	3/13/2020		1	<u>39.41</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
CHARLES MILLER				
000032366	CHEQ00099007452	07215900 Overpayment		88.38
	3/5/2020		1	<u>88.38</u>
JESSE SMITH				
000032450	CHEQ00099007466	10421400 Cheque Deposits 10421		81.51
	3/13/2020		1	<u>81.51</u>
DAVID DOYLE				
000032367	CHEQ00099007457	01224500 Overpayment		50.00
	3/5/2020		1	<u>50.00</u>
WEATHERWAX PROMOTION, INC.				
000032451	CHEQ00099007467	03207300 Cheque Deposits 03207		70.32
	3/13/2020		1	<u>70.32</u>
JOHN LE				
000032526	CHEQ00099007479	02016200 Cheque Deposits 02016		176.83
	3/19/2020		1	<u>176.83</u>
TRACY WILLMS				
000032368	CHEQ00099007464	01210600 Cheque Deposits 01210		296.71
	3/5/2020		1	<u>296.71</u>
MV PARTNERS				
000032369	CHEQ00099007454	30001866 Overpayment		6.74
	3/5/2020		1	<u>6.74</u>
MEKAYLA LOZANO				
000032611	CHEQ00099007483	02700402 Cheque Deposits 02700		73.16
	3/27/2020		1	<u>73.16</u>
JAMES CAVANAUGH				
000032370	CHEQ00099007465	00203600 Cheque Deposits 00203		91.81
	3/5/2020		1	<u>91.81</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
JARNAIL SINGH 000032371	CHEQ00099007463	06550110 Cheque Deposits 06550		116.37
3/5/2020			1	<u>116.37</u>
MICHELLE BONAS 000032452	CHEQ00099007472	00303802 Overpayment		63.01
3/13/2020			1	<u>63.01</u>
FRANK ARMENTA 000032372	CHEQ00099007459	04610301 overpayment		222.80
3/5/2020			1	<u>222.80</u>
RYAN GUTE 000032453	CHEQ00099007471	06329206 Cheque Deposits 06329		23.94
3/13/2020			1	<u>23.94</u>
THUY VU 000032454	CHEQ00099007474	00950110 Cheque Deposits 00950		346.80
3/13/2020			1	<u>346.80</u>
JULIAN HORAN 000032373	CHEQ00099007458	06912800 Cheque Deposits 06912		231.63
3/5/2020			1	<u>231.63</u>
SEALI MARINE 000032578	CHEQ00099007481	06300901 Cheque Deposits 06300		60.83
3/27/2020			1	<u>60.83</u>
JASON ANDERSON 000032527	CHEQ00099007475	30001550 Cheque Deposits 30001		98.42
3/19/2020			1	<u>98.42</u>
SHARON JONES 000032374	CHEQ00099007461	06917600 Cheque Deposits 06917		307.50
3/5/2020			1	<u>307.50</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
JOSIAH FREDRIKSEN				
000032579	CHEQ00099007480	10401900 Deposit Refund		58.71
	3/27/2020		1	<u>58.71</u>
MATTHEW TUTTON				
000032455	CHEQ00099007468	02102700 Cheque Deposits 02102		58.76
	3/13/2020		1	<u>58.76</u>
MICHELS CORPORATION				
000032375	CHEQ00099007453	20078500 Cheque Deposits 20078		624.00
000032456	CHEQ00099007470	20078500 Overpayment		379.00
	3/13/2020		2	<u>1,003.00</u>
BRYAN PRESBY				
000032376	CHEQ00099007462	00511200 Cheque Deposits 00511		15.08
	3/5/2020		1	<u>15.08</u>
AGNEW MULTILINGUAL				
000032378	19049	TRANSLATION SERVICE		995.00
000032529	19097	TRANSLATION SERVICE		264.00
	3/19/2020		2	<u>1,259.00</u>
APOLLO PRINTING & GRAPHICS				
000032498	257271	PRINTING - BUSINESS CARDS		36.64
000032498	257274	PRINTING - BUSINESS CARDS		36.64
000032498	257270	PRINTING - BUSINESS CARDS		36.64
000032498	256960	PRINTING - BUSINESS CARDS		36.64
	3/13/2020		1	<u>146.56</u>
ASSOCIATION OF CA CITIES - ORANGE COUNTY				
000032499	2540	FY20 MEMBERSHIP DUES		5,000.00
	3/13/2020		1	<u>5,000.00</u>
AT&T MOBILITY				
000032432	87295684390X02162	WIRELESS COMM 02/09-03/08		2,010.76
	020			

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
000032459	87023041770X02282 020	WIRELESS COMM 01/21-02/20		65.65
000032580	87295684390X03162 020	WIRELESS COMM 03/09-04/08		1,460.77
	3/27/2020		3	<u>3,537.18</u>
ATKINSON, ANDELSON, LOYA, RUUD & ROMO				
000032380	587281	LEGAL SERVICES - JANUARY 2020		9,301.09
000032581	589388	LEGAL SERVICES - FEBRUARY 2020		9,696.86
	3/27/2020		2	<u>18,997.95</u>
BLUECOSMO SATELLITE COMMUNICATIONS				
000032381	BU01197799	SATELLITE PHONE SERVICE		110.66
000032582	BU01205106	SATELLITE PHONE SERVICE		100.14
	3/27/2020		2	<u>210.80</u>
BSI EHS SERVICES AND SOLUTIONS				
000032532	56687	EHS SUPPORT SERVICES		8,858.00
	3/19/2020		1	<u>8,858.00</u>
CALIFORNIA ADVOCATES INC.				
000032533	032056	PROFESSIONAL SERVICES		7,576.31
	3/19/2020		1	<u>7,576.31</u>
CALDESAL				
000032583	030320	OUTREACH COMM SERVICES		25,000.00
	3/27/2020		1	<u>25,000.00</u>
CANON FINANCIAL SERVICES, INC.				
000032382	21086215	PRINTER EQUIPMENT LEASE		4,138.83
000032584	21200139	PRINTER EQUIPMENT LEASE		4,407.98
	3/27/2020		2	<u>8,546.81</u>
CITY CLERKS ASSOCIATION OF CALIFORNIA				
000032434	5592	MEM. RENEWAL: PRIMARY DENISE		80.00
000032434	5560	MEM. RENEWAL: ASSOC. WENDY		35.00
	3/5/2020		1	<u>115.00</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
CITY OF SANTA ANA				
000032511	369144-2020	BUSINESS LICENSE RENEWAL		288.75
000032511	369145-2020	BUSINESS LICENSE RENEWAL		332.12
	3/13/2020		1	<u>620.87</u>
THE TRANZONIC COMPANIES				
000032559	IN02460290	SCRIMDRY WIPES		1,306.47
	3/19/2020		1	<u>1,306.47</u>
CCS ORANGE COUNTY JANITORIAL INC.				
000032386	461254	JANITORIAL SERVICES		3,798.08
	3/5/2020		1	<u>3,798.08</u>
COMPONETICS				
000032534	1680	EXHAUST TUBE REPAIR		275.00
	3/19/2020		1	<u>275.00</u>
DROPBOX				
000032585	10291672	17-DROP BOX USER LICENSES		2,550.00
	3/27/2020		1	<u>2,550.00</u>
EMPLOYEE RELATIONS INC				
000032463	87266	PRE-EMPLOYMENT VEHICLE REPORT		15.70
	3/13/2020		1	<u>15.70</u>
ENERGY ENVIRONMENTAL SOLUTIONS, INC.				
000032561	EES-2020-MWD01	ICE ENGINE TESTS		4,800.00
	3/19/2020		1	<u>4,800.00</u>
ENTERPRISE FM TRUST				
000032464	FBN3914684	AUTO LEASES - MARCH 2020		1,025.68
	3/13/2020		1	<u>1,025.68</u>
EPIC BUSINESS ESSENTIALS, LLC				
000032562	SI00389462	OFFICE SUPPLIES		140.53
	3/19/2020		1	<u>140.53</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
MARIBEL LARIOS DBA FIDUCIARY EXPERTS LLC				
000032436	1304	QUARTERLY FEE - 4TH QTR 2019		2,000.00
	3/5/2020		1	<u>2,000.00</u>
FIELDMAN, ROLAPP & ASSOCIATES				
000032587	25150	FINANCIAL CONSULTING SERVICES		350.00
	3/27/2020		1	<u>350.00</u>
FM THOMAS AIR CONDITIONING INC				
000032563	40891	REPAIRS - HVAC		376.76
000032563	40886	VFD QUARTERLY MAINTENANCE		1,111.00
000032563	40885	HVAC QUARTERLY MAINTENANCE		345.00
000032589	40963	REPAIRS - VFD		1,967.00
	3/27/2020		2	<u>3,799.76</u>
FOLEY & MANSFIELD, P.L.L.P.				
000032437	2529007	LEGAL FEES - JAN 2020		1,170.00
000032437	2529008	LEGAL FEES - JAN 2020		3,802.50
000032564	2536431	LEGAL FEES - FEB 2020		840.00
000032564	2536432	LEGAL FEES - FEB 2020		3,592.50
	3/19/2020		2	<u>9,405.00</u>
FRONTIER COMMUNICATIONS				
000032389	17945FEB20	DDS LINE 02/13-03/12		108.37
000032590	17945MAR20	DDS LINE 03/13-04/12		108.37
	3/27/2020		2	<u>216.74</u>
FULL CIRCLE RECYCLING				
000032390	24710	RECYCLING SERVICES		133.50
	3/5/2020		1	<u>133.50</u>
GARZA INDUSTRIES				
000032391	1884063	OFFICE SUPPLIES		198.91
	3/5/2020		1	<u>198.91</u>
GERARD SIGNS & GRAPHICS INC				
000032565	28903	DESIGN SERVICES		1,188.90

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
000032565	28904	DESIGN SERVICES		578.57
000032565	28925	DESIGN SERVICES		187.50
	3/19/2020		1	<u>1,954.97</u>
GLOBAL ENVIRONMENTAL NETWORK INC.				
000032566	967473	SAFETY TRAINING		1,614.00
	3/19/2020		1	<u>1,614.00</u>
INFOSEND INC				
000032438	167483	CUSTOMER BILLING SERVICE		2,185.62
000032438	167740	CUSTOMER BILLING SERVICE		1,966.18
000032470	167873	RECRUITMENT LETTER-WATER QTLY		1,931.33
000032541	168718	CUSTOMER SERV PORTAL- MAR20		400.00
	3/19/2020		3	<u>6,483.13</u>
KIRTON McCONKIE				
000032619	1619990	PROFESSIONAL SERVICES		280.00
000032619	1619989	PROFESSIONAL SERVICES		5,183.50
	3/27/2020		1	<u>5,463.50</u>
KLEEN KRAFT SERVICES				
000032439	1027757	UNIFORMS, MATS, TOWELS		212.82
000032439	1028446	UNIFORMS, MATS, TOWELS		191.52
000032618	1029124	UNIFORMS, MATS, TOWELS		248.34
000032618	1029804	UNIFORMS, MATS, TOWELS		213.59
000032618	1030483	UNIFORMS, MATS, TOWELS		228.30
	3/27/2020		2	<u>1,094.57</u>
LA CONSULTING INC				
000032567	0014877	PP 54 BUS PROCESS IMPLEMENT		2,570.00
000032567	0014913	PP 55 BUS PROCESS IMPLEMENT		6,426.00
	3/19/2020		1	<u>8,996.00</u>
CHARLES L. SWEAZY				
000032395	18725	TEST BACKFLOW - PREVENTION		644.50
	3/5/2020		1	<u>644.50</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
LOS ANGELES TIMES				
000032594	71466-042120	LAT SUBSCRIPTION 04/21-07/11		181.96
	3/27/2020		1	181.96
QUADIENT LEASING USA, INC				
000032575	N8177487	LEASE - MAIL EQUIPMENT		603.59
	3/19/2020		1	603.59
MAIN GRAPHICS				
000032515	138919	DESIGN-ANNIVERSARY POSTCARD		750.00
000032568	139018	WISG 5X7 POSTCARDS		5,811.73
	3/19/2020		2	6,561.73
MEDIA ANALYTICS LTD				
000032440	29972	WATER DESAL. REPORT RENEWAL		595.00
	3/5/2020		1	595.00
MOUSE GRAPHICS				
000032472	433600	PRINTING & DESIGN 5X7 CARDS		406.22
000032544	433579	PRINTING & DESIGN 5X4 CARDS		263.45
000032595	434096	PRINTING - 5X3 CARDS		96.23
	3/27/2020		3	765.90
NATEC INTERNATIONAL INC.				
000032473	200802	SAFETY TRAINING		105.00
	3/13/2020		1	105.00
NEXTDAY DELIVERY SERVICE, LLC				
000032474	763877	MAIL DELIVERY SVCS		552.84
	3/13/2020		1	552.84
NOACK AWARDS & ENGRAVING INC				
000032475	26057	LASER ENGRAVING		30.17
	3/13/2020		1	30.17

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
NOVATIME TECHNOLOGY INC				
000032546	SI-071080	MONTHLY FEE - TIME CARDS		183.50
	3/19/2020		1	<u>183.50</u>
NTH GENERATION COMPUTING INC.				
000032547	35112TM6	AUDIT PLAN SUPPORT		1,592.50
	3/19/2020		1	<u>1,592.50</u>
O'NEIL STORAGE #0481				
000032517	2002055	FILE STORAGE - FEBRUARY 2020		141.68
	3/13/2020		1	<u>141.68</u>
ORANGE COAST PLUMBING				
000032477	10259	PLUMBING REPAIRS		332.40
	3/13/2020		1	<u>332.40</u>
PLACENTIA CHAMBER OF COMMERCE				
000032403	12350	SPONSORSHIP		1,500.00
	3/5/2020		1	<u>1,500.00</u>
PROCARE WORK INJURY CENTER (DBA)				
000032519	286538	MEDICAL SERVICES		381.82
000032519	287620	MEDICAL SERVICES		276.78
000032600	286629	MEDICAL SERVICES		120.00
000032600	286663	MEDICAL SERVICES		120.00
	3/27/2020		2	<u>898.60</u>
RACHIO INC.				
000032570	326742	WEATHERPROOF BOX		5,144.79
000032570	326969	WEBINAR TRAINING		500.00
	3/19/2020		1	<u>5,644.79</u>
RAFTELIS FINANCIAL CONSULTANTS				
000032405	14278	CONSULTING-WATER COST ANALYSIS		2,145.00
000032601	14364	CONSULTING-WATER COST ANALYSIS		5,237.50
	3/27/2020		2	<u>7,382.50</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
RAYNE WATER SYSTEMS				
000032479	30486MAR20	SOFT WATER SERVICE MAR 20		41.42
	3/13/2020		1	<u>41.42</u>
RSM US PRODUCT SALES, LLP				
000032407	5894946	GREAT PLAINS SUPPORT		800.00
000032480	5899700	GREAT PLAINS ANNUAL RENEWAL		26,979.50
000032548	5919944	GREAT PLAINS SUPPORT		800.00
	3/19/2020		3	<u>28,579.50</u>
SECTRAN SECURITY INC				
000032408	20020990	WEEKLY BANK DEPOSITS		140.16
000032603	20030984	WEEKLY BANK DEPOSITS		140.16
	3/27/2020		2	<u>280.32</u>
SENTRIC INC				
0153247	1185297	PAYROLL PROCESSING FEE		1,087.05
0153248	1186694	PAYROLL PROCESSING FEE		385.45
	3/18/2020		2	<u>1,472.50</u>
SHARON M. BROWNING DBA SHARON BROWNING AND ASSOCIATES				
000032550	01	BOARD FACILITATOR SERVICES		13,800.00
	3/19/2020		1	<u>13,800.00</u>
SOLINST CANADA LTD				
000032410	12821607	WATER OPS REPAIR		704.73
	3/5/2020		1	<u>704.73</u>
T2 TECHNOLOGY GROUP, LLC				
000032576	00307072	IT SUPPORT - JANUARY 2020		26,470.00
000032576	00307074	IT CONSULTING		61,995.00
000032576	00307098	M18-120H TICKETING SYS		3,552.50
000032576	00307099	M18-120K SOLAR WINDS		4,510.00
000032576	00307100	M18-120C/E NGFW		20,702.50
000032576	00307080	IT SUPPORT - FEBRUARY 2020		39,465.00
000032576	00307082	M18-120G AUDIT		1,200.00

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
000032576	00307083	IT SUPPORT - FEBRUARY 2020		28,440.00
000032576	00307084	M18-120L MDM		3,360.00
000032576	00307085	M18-120J CARBON BLACK		3,012.50
000032576	00307086	M18-120I INTRANET DASHBOARD		13,610.00
000032576	00307087	M18-120E FIREWALL ADVANCED		7,790.00
000032576	00307096	M18-120F EOC INTERNET CONN		5,720.00
000032576	00307097	M18-120A PROJECT MGMT		26,625.00
000032576	3787	M18-120C DESKTOPS		63,655.23
	3/27/2020		1	<u>310,107.73</u>
THEODORE ROBINS FORD				
000032416	C34360	AUTO REPAIRS & MAINTENANCE		803.75
000032482	C34819	AUTO REPAIRS & MAINTENANCE		62.46
000032551	C34690	AUTO REPAIRS & MAINTENANCE		384.21
	3/19/2020		3	<u>1,250.42</u>
THYSSENKRUPP ELEVATOR				
000032483	3005124021	ELEVATOR MAINTENANCE 3/1-5/31		2,386.42
	3/13/2020		1	<u>2,386.42</u>
TIME WARNER CABLE				
000032443	1524356021520	INTERNET - MWRF SUBLEASE		204.98
000032443	0679649021820	INTERNET - MWRF		324.98
000032443	1048224021920	INTERNET - DISTRICT		2,114.00
000032484	0012934030320	INTERNET - DISTRICT		349.37
000032605	1524356031520	INTERNET - MWRF		204.98
	3/27/2020		3	<u>3,198.31</u>
QUADIENT FINANCE USA, INC				
000032574	5780FEB20	POSTAGE - FEBRUARY 2020		500.00
	3/19/2020		1	<u>500.00</u>
UNITED STATES TREASURY				
000032573	CP161	TAX PERIOD 6/30/18		18.78
	3/19/2020		1	<u>18.78</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
UNIVERSAL WASTE SYSTEMS, INC				
000032418	0000546215	WASTE REMOVAL - MARCH		87.00
	3/5/2020		1	<u>87.00</u>
UNUM				
000032486	04205600016APR20	LIFE INSURANCE - APR 2020		3,852.74
	3/13/2020		1	<u>3,852.74</u>
US POSTAL SERVICE				
000032488	5008-2020	PO BOX ANNUAL FEE		1,240.00
	3/13/2020		1	<u>1,240.00</u>
VERIZON WIRELESS				
000032419	9848545379	MOBILE INTERNET - 01/17-02/16		3,987.27
	3/5/2020		1	<u>3,987.27</u>
VILLAGE NURSERY/SITE ONE LANDSCAPE				
000032617	97776724-001	GARDEN SUPPLIES		74.34
000032617	97776539-001	GARDEN SUPPLIES		153.54
000032617	97768724-001	GARDEN SUPPLIES		338.44
000032617	97770294-001	GARDEN SUPPLIES		26.67
	3/27/2020		1	<u>592.99</u>
VORTEX INDUSTRIES, INC				
000032491	09-1421659	SERVICE INTERIOR DOORS		2,013.42
	3/13/2020		1	<u>2,013.42</u>
WASTE MANAGEMENT OF OC				
000032422	0382712-2515-3	TR CONTAINER RENTAL MAR 2020		1,026.70
000032492	7948130-0149-0	TR CONTAINER RENTAL FEB 20		435.00
	3/13/2020		2	<u>1,461.70</u>
WATER SYSTEMS CONSULTING, INC.				
000032423	4431	PROJECT RISK & EMERGENCY PLAN		17,732.50
000032555	4501	PROJECT RISK & EMERGENCY PLAN		17,622.50
	3/19/2020		2	<u>35,355.00</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
WESTERN EXTERMINATOR COMPANY				
000032556	7899861	PEST CONTROL - MWRP		92.50
000032609	7899862	PEST CONTROL - DISTRICT		92.50
	3/27/2020		2	185.00
 WOLF CONSULTING, INC.				
000032494	INV-000146	DATABASE SUPPORT SERVICES		4,125.00
	3/13/2020		1	4,125.00
 YORKE ENGINEERING, LLC				
000032610	21636	AQ & ES COMPLIANCE ASSISTANCE		5,354.00
000032610	21638	RULE 1043 COMPLIANCE ASSIST		2,910.00
	3/27/2020		1	8,264.00
TOTAL GENERAL AND ADMINISTRATIVE			133	592,504.62

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
RETIREE CHECKS				
ALAN COOK 000032379	030120	MAR 2020 INSURANCE SUBSIDY		98.83
3/5/2020			1	98.83
COLEEN L MONTELEONE 000032385	030120	MAR 2020 INSURANCE SUBSIDY		245.00
3/5/2020			1	245.00
DIANA LEACH 000032387	030120	MAR 2020 INSURANCE SUBSIDY		271.06
3/5/2020			1	271.06
JOHN CERNEK 000032394	030120	MAR 2020 INSURANCE SUBSIDY		66.28
3/5/2020			1	66.28
LORI MULLER 000032398	030120	MAR 2020 INSURANCE SUBSIDY		98.56
3/5/2020			1	98.56
PATTI REYNOLDS 000032402	030120	MAR 2020 INSURANCE SUBSIDY		1.06
3/5/2020			1	1.06
TOTAL RETIREE CHECKS			6	780.79

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
CHECK SIGNATURE EXEMPT				
SOUTHERN CALIFORNIA EDISON CO				
000032361	2236281499FEB20	ELECTRICITY - FEBRUARY 2020		83,840.93
	3/5/2020		1	83,840.93
TOTAL CHECK SIGNATURE EXEMPT			1	83,840.93

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
WATER SUPPLY				
AIRGAS USA LLC				
000032530	9969224687	CYLINDER RENTAL		169.67
	3/19/2020		1	<u>169.67</u>
HARRINGTON INDUSTRIAL PLASTICS				
000032538	002N7145	PVC PIPES & SUPPLIES		267.66
	3/19/2020		1	<u>267.66</u>
HILL BROTHERS CHEMICAL CO.				
000032591	07066202	AMMONIA		6,442.64
	3/27/2020		1	<u>6,442.64</u>
JCI JONES CHEMICAL CO.				
000032393	813997	CAUSTIC SODA		2,250.73
000032542	815854	CAUSTIC SODA		2,935.15
	3/19/2020		2	<u>5,185.88</u>
MUNICIPAL WATER DISTRICT OF OC				
0152845	10088	JANUARY WTR DELIVERIES		20,713.56
	3/5/2020		1	<u>20,713.56</u>
OCWD				
0152844	21350	JANUARY GAP WATER		11,427.06
	3/5/2020		1	<u>11,427.06</u>
SEPARATION PROCESSES, INC				
000032549	9690	SUPPORT SERVICES		6,919.54
	3/19/2020		1	<u>6,919.54</u>
TESTOIL				
000032414	259533	OIL TESTING		528.00
	3/5/2020		1	<u>528.00</u>
UNIVAR SOLUTIONS USA, INC.				
000032446	48489315	SOD HYPO		2,578.88
000032446	48489314	SOD HYPO		1,990.16
000032446	48489313	SOD HYPO		229.13

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
000032522	48498312	SOD HYPO		2,181.00
000032522	48498313	SOD HYPO		2,050.14
000032522	48508631	SOD HYPO		1,635.75
000032522	48508632	SOD HYPO		1,690.28
000032522	48508629	SOD HYPO		1,334.77
000032522	48508630	SOD HYPO		231.19
000032553	48515418	SOD HYPO		2,944.35
000032615	48524658	SOD HYPO		1,635.75
000032615	48524657	SOD HYPO		1,417.65
000032615	48524656	SOD HYPO		1,559.42
	3/27/2020		4	21,478.47
UNITED WATERWORKS INC.				
000032616	S100085351.001	WATER OPS SUPPLIES		3,093.96
000032616	S100086002-001	WATER OPS SUPPLIES		1,790.49
	3/27/2020		1	4,884.45
TOTAL WATER SUPPLY			14	78,016.93

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
WATER SYSTEM				
ACCESSORIE AIR COMPRESSOR SYSTEMS				
000032377	195234	AIR COMPRESSOR REPAIR		3,799.61
	3/5/2020		1	<u>3,799.61</u>
ARMORCAST PRODUCTS CO				
000032427	0204615-IN	METER LIDS		6,885.23
	3/5/2020		1	<u>6,885.23</u>
CHARLES P CROWLEY				
000032558	26714	WATER OPS PARTS		3,493.12
	3/19/2020		1	<u>3,493.12</u>
DIG SAFE BOARD				
000032388	DSB20190959	DIG SAFE BOARD FEES		328.04
	3/5/2020		1	<u>328.04</u>
EWLES MATERIALS INC				
000032465	385408	BOBTAIL DUMP FEES		480.00
	3/13/2020		1	<u>480.00</u>
FERGUSON WATERWORKS				
000032447	0707176	WATER OPS SUPPLIES		679.64
	3/5/2020		1	<u>679.64</u>
IRVINE PIPE & SUPPLY				
000032471	934915	PIPE FITTINGS AND SUPPLIES		64.18
	3/13/2020		1	<u>64.18</u>
LARRY'S BUILDING MATERIALS				
000032396	CM-122851	BUILDING MATERIALS		124.77
000032593	CM-123153	BUILDING MATERIALS- M20-001FH		30.98
	3/27/2020		2	<u>155.75</u>
MATT CHLOR INC				
000032449	23575	OC-44 CHLORINATE SERV M18-118		11,995.00
000032449	23605	OC-44 CHLORINATE SERV M18-118		20,990.00
000032449	23606	OC-44 CHLORINATE SERV M18-118		8,995.00
	3/13/2020		1	<u>41,980.00</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
BADGER METER INC. - DO NOT USE				
000032516	S1124164.001	BEACON CELLULAR M20-100		1,500.86
000032516	1347384	BEACON SERVICE FEE M20-100		4,250.00
	3/13/2020		1	<u>5,750.86</u>
ORANGE COUNTY PUMP				
000032401	152837	C02 PUMP REPAIR		1,055.76
	3/5/2020		1	<u>1,055.76</u>
PRAXAIR DISTRIBUTION, INC.				
000032478	95018446	ACETYLENE CYLINDER RENTAL		122.88
000032598	95330870	WELDING SUPPLIES		5.51
	3/27/2020		2	<u>128.39</u>
PRAXAIR				
000032518	95119457	CARBON DIOXIDE		3,300.79
000032518	95223783	CARBON DIOXIDE TANK RENTAL		2,164.70
000032599	95416344	CARBON DIOXIDE		3,307.33
	3/27/2020		2	<u>8,772.82</u>
RELIABLE MONITORING SERVICES				
000032406	2020-18741	GAS DETECTION SYS-CALIBRATE		355.00
000032406	2020-18743	GAS DETECTION SYS-CALIBRATE		355.00
	3/5/2020		1	<u>710.00</u>
SOUTH COAST A.Q.M.D.				
000032442	3594026	RENEWAL FEES - AMMONIA TANK		421.02
000032442	3597119	FLAT FEE - FY19-20 EMISSIONS		136.40
	3/5/2020		1	<u>557.42</u>
STATE WATER RESOURCES CONTROL BOARD				
000032411	WD-0170574	ANNUAL WASTE DISCHARGE FEES		1,638.00
	3/5/2020		1	<u>1,638.00</u>
ALS TRUESDAIL LABORATORIES INC				
000032417	522000940	WATER QUALITY TESTING		11.00
000032572	522001192	WATER QUALITY TESTING		22.00
000032572	522001193	WATER QUALITY TESTING		44.00

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
000032614	522001286	WATER QUALITY TESTING		11.00
000032614	522001287	WATER QUALITY TESTING		22.00
	3/27/2020		3	110.00
UNDERGROUND SERVICE ALERT/SC				
000032485	220200436	UNDERGROUND DIG ALERT		524.80
	3/13/2020		1	524.80
VULCAN MATERIALS				
000032523	72473488	PAVING MATERIALS		174.80
000032523	72506279	PAVING MATERIALS		251.28
000032523	72508452	PAVING MATERIALS		99.69
000032523	72508451	PAVING MATERIALS		208.67
000032523	72517518	PAVING MATERIALS		169.34
000032607	72515216	PAVING MATERIALS		87.40
000032607	72531056	M20-001FH-PAVING MATERIALS		169.34
	3/27/2020		2	1,160.52
TOTAL WATER SYSTEM			25	78,274.14

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
VARIOUS				
ACADEMY ELECTRIC INC.				
000032528	1302-7	ELECTRICAL REPAIRS		1,474.76
	3/19/2020		1	<u>1,474.76</u>
AMAZON BUSINESS				
000032425	16M9-X3QD-JV4W	OFFICE SUPPLIES		59.40
000032425	13J7-YD9H-9MHY	OFFICE SUPPLIES		766.58
000032425	1JLJ-RDMX-333T	OFFICE SUPPLIES		18.63
000032425	11DN-V7DY-NGKP	OFFICE SUPPLIES		72.70
000032425	163N-PWLR-DFNV	OFFICE SUPPLIES		41.67
000032497	1GV3-793W-HRF6	OFFICE SUPPLIES		57.56
000032497	1WV9-7NX9-1XDP	OFFICE SUPPLIES		149.09
000032497	1XMQ-76XK-QXMR	OFFICE SUPPLIES		71.77
000032557	1N3M-YCWN-NCKK	OFFICE SUPPLIES		246.19
000032557	1VJ6-7WPY-6GTF	OFFICE SUPPLIES		184.43
000032557	144C-T431-TH6H	OFFICE SUPPLIES		18.26
000032557	1FMD-Q3J1-RXVM	OFFICE SUPPLIES		74.48
000032557	1HYX-4VL3-LJ1Y	OFFICE SUPPLIES		83.51
000032557	1V7K-P7CL-VXHD	OFFICE SUPPLIES		21.54
000032557	1HYX-4VL3-X6TX	OFFICE SUPPLIES		12.92
000032557	1QM4-1WGX-DHLF	OFFICE SUPPLIES		42.24
000032557	1J61-YNGX-9WV3	OFFICE SUPPLIES		24.76
000032557	1XGW-PRR1-GNP3	OFFICE SUPPLIES		20.40
000032557	1QVH-L3KD-41N9	OFFICE SUPPLIES		48.50
000032557	16LY-4Y3Y-73VL	OFFICE SUPPLIES		22.08
000032612	1QVN-9TYX-CL7K	OFFICE SUPPLIES		26.22
	3/27/2020		4	<u>2,062.93</u>
AT&T				
000032500	000014402863	ACCT#9391061444 FEBRUARY 2020		55.60
000032500	000014402005	ACCT#9391055284 FEBRUARY 2020		3,542.36
	3/13/2020		1	<u>3,597.96</u>
AT&T				
000032428	8274FEB20	949-722-8274 FEBRUARY 2020		174.80
000032429	5487MAR20	714-754-5487 MARCH 2020		99.24
000032430	9337MAR20	714-435-9337 MARCH 2020		2,284.01

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
000032431	8315MAR20	714-241-8315 MARCH 2020		878.31
000032501	0779MAR20	339-263-0779 MARCH 2020		1,594.63
000032502	8883MAR20	949-631-8883 MARCH 2020		363.04
000032503	3044MAR20	949-574-3044 MARCH 2020		2,488.71
000032504	3066MAR20	960-350-3066 MARCH 2020		4,418.85
000032505	0926MAR20	949-650-0926 MARCH 2020		1,555.90
000032506	9024MAR20	339-264-9024 MARCH 2020		351.43
000032507	4054001MAR20	030 203 4054 001 MARCH 2020		84.79
	3/13/2020		11	<u>14,293.71</u>
BEHRENS AND ASSOCIATES, INC.				
000032460	RI12284	SOUND PANEL RENTAL		1,551.60
	3/13/2020		1	<u>1,551.60</u>
CAROLLO ENGINEERS				
000032510	0184720	E400-0012 GIS HYDRAULIC MODL		5,677.50
	3/13/2020		1	<u>5,677.50</u>
CITADEL ENVIRONMENTAL SERVICES INC				
000032383	0025587	EHS AUDIT		233.02
	3/5/2020		1	<u>233.02</u>
DION & SONS, INC				
000032435	745828	GASOLINE		8,541.74
000032435	745829	DIESEL FUEL		1,121.55
000032560	747895	GASOLINE		2,391.21
000032560	747897	DIESEL FUEL		672.84
	3/19/2020		2	<u>12,727.34</u>
EMISSION COMPLIANT CONTROLS CORP				
000032521	PS04765	ENGINE 2 REPAIRS		608.03
000032521	PS04825	ENGINE REPAIRS		6,407.59
	3/13/2020		1	<u>7,015.62</u>
FEDERAL EXPRESS CORPORATION				
000032586	6-956-36837	SHIPPING SERVICES		105.94
	3/27/2020		1	<u>105.94</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
FLW, INC				
000032588	1229168	WATER OPS PARTS		347.68
	3/27/2020		1	<u>347.68</u>
FORSTA FILTERS INC				
000032512	21594	SUPPLIES - WELLS		1,582.38
000032535	21630	SUPPLIES - WELLS		447.45
	3/19/2020		2	<u>2,029.83</u>
GENERAL PUMP COMPANY				
000032466	27606	RAGD REPLACEMENT		3,638.00
	3/13/2020		1	<u>3,638.00</u>
GRAINGER				
000032513	9449477661	SAFETY TOOLS & EQUIPMENT		1,628.45
000032513	9459739042	SAFETY TOOLS & EQUIPMENT		569.58
000032536	9470551210	SAFETY TOOLS & EQUIPMENT		224.37
000032613	9465353416	SAFETY TOOLS & EQUIPMENT		570.82
000032613	9471167313	SAFETY TOOLS & EQUIPMENT		69.17
	3/27/2020		3	<u>3,062.39</u>
HACH COMPANY				
000032514	11842907	WATER QUALITY SUPPLIES		1,609.34
000032514	11845006	WATER QUALITY SUPPLIES		635.64
000032514	11847065	WATER QUALITY SUPPLIES		167.44
000032514	11860572	WATER QUALITY SUPPLIES		2,187.96
000032514	11859892	WATER QUALITY SUPPLIES		2,851.07
000032537	11864944	WATER QUALITY SUPPLIES		2,837.28
	3/19/2020		2	<u>10,288.73</u>
HASHTAG PINPOINT				
000032467	1226	STRATEGIC COMMUNICATIONS		4,000.00
	3/13/2020		1	<u>4,000.00</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
THE HOME DEPOT COMMERCIAL ACCT				
000032468	1915FEB20	TOOLS & EQUIPMENT		818.11
	3/13/2020		1	<u>818.11</u>
HUB AUTO SUPPLY				
000032539	162039	AUTO SUPPLIES		20.82
	3/19/2020		1	<u>20.82</u>
INDEPENDENT STATIONERS				
000032392	SI00386842	OFFICE SUPPLIES		363.06
	3/5/2020		1	<u>363.06</u>
LEED ELECTRIC				
000032543	200225	ON CALL ELECTRICAL REPAIR		5,192.00
	3/19/2020		1	<u>5,192.00</u>
LEWIS CONSULTING GROUP				
000032397	2020-109	GOV'T RELATIONS SERVICES		5,000.00
	3/5/2020		1	<u>5,000.00</u>
MEYERS NAVE				
000032399	2020010199	E200-0001 MATTER 1893.003		27,028.41
	3/5/2020		1	<u>27,028.41</u>
NORTHERN SAFETY CO INC				
000032545	903854777	SAFETY SUPPLIES		457.19
	3/19/2020		1	<u>457.19</u>
ORANGE COUNTY HOSE CO				
000032476	157863	WATER HOSE & FITTINGS		213.52
000032597	157966	WATER HOSE & FITTINGS		37.71
	3/27/2020		2	<u>251.23</u>
PONTON INDUSTRIES INC				
000032404	21745-37905	SUPPLIES-ULTRASONIC TRANS		871.70
	3/5/2020		1	<u>871.70</u>

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
PRIME SYSTEMS INDUSTRIAL AUTOMATION				
000032569	825-14	SCADA SYSTEM SUPPORT		17,724.90
	3/19/2020		1	17,724.90
SOUTHERN CALIFORNIA GAS CO				
000032441	05200799004FEB20	NATURAL GAS, RES 2, FEB 2020		1,927.37
000032441	08520813000FEB20	NATURAL GAS DISTRICT, FEB 2020		54.26
000032441	08940813002FEB20	NATURAL GAS, RES 1, FEB 2020		808.86
000032481	05060829008FEB20	NATURAL GAS, WELL 5, FEB 2020		9,648.45
000032602	05200799004MAR20	NATURAL GAS, RES 2, MAR 2020		1,839.47
	3/27/2020		3	14,278.41
SIGN DEPOT				
000032409	9106	EMP NAME PLATE		48.49
	3/5/2020		1	48.49
SPRYPOINT SERVICES INC				
000032571	PS010243	COGSDALE SUPPORT		3,100.00
	3/19/2020		1	3,100.00
STIVERS & ASSOCIATES INC.				
000032412	12-714	MWRF GARDEN CONSULTING		428.98
	3/5/2020		1	428.98
TYCO/ JOHNSON CONTROLS				
000032444	33746254	SERVICE CALL - BOARDROOM PANEL		328.03
000032444	33866715	REPLACE ALARM PANEL & UPGRADE		5,094.83
000032606	10449665	QUARTERLY SECURITY SERVICE		7,809.24
	3/27/2020		2	13,232.10
VALLEY POWER				
000032489	B42223	WELL #5 ENGINE REPAIR		4,770.85
000032554	B42120	RES 1 - ENGINE REPAIR		16,283.75
	3/19/2020		2	21,054.60
VFS FIRE & SECURITY SERVICES				
000032420	6470239	FIRE SPRINKLER INSPECTION-QTR		250.00

ACCOUNTS PAID LISTING

FROM 3/1/2020 TO 3/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
000032420	6470313	FIRE SPRINKLER INSPECTION-QTR		250.00
	3/5/2020		1	<u>500.00</u>
VONAGE HOLDINGS CORPORATION				
000032490	1936626	TELEPHONE SERVICES		8,528.08
	3/13/2020		1	<u>8,528.08</u>
WECK ANALYTICAL ENVIRONMENTAL SERVICES INC.				
000032608	70515	WATER QUALITY ANALYSIS		4,265.00
	3/27/2020		1	<u>4,265.00</u>
WHITTINGHAM PUBLIC AFFAIRS ADVISORS				
000032424	000621	SCAQMD CONSULTING		3,025.00
000032493	000646	SCAQMD CONSULTING		3,300.00
	3/13/2020		2	<u>6,325.00</u>

TOTAL VARIOUS	60	201,595.09
GRAND TOTAL	296	4,813,105.97



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Marwan Khalifa, CPA, MBA, Chief Financial Officer
DATE: May 14, 2020
SUBJECT: Monthly Financial Reports

RECOMMENDATION

Receive and file the Monthly Financial Reports.

STRATEGIC PLAN

Goal #3: Be financially responsible and transparent.

PRIOR BOARD ACTION/DISCUSSION

None.

DISCUSSION

The attached Treasurer's status reports reflect the performance of Mesa Water's cash and investment accounts.

FINANCIAL IMPACT

None.

ATTACHMENTS

Attachment A: Monthly Treasurer's Status Report on Investments as of 03/31/20
Attachment B: Monthly Treasurer's Status Report on Investments as of 02/29/20

Mesa Water District
Quarterly Treasurer's Report on Investments
As of 03/31/2020



Investments are in compliance with the Investment Policy adopted as Resolution 1506 of the Mesa Water District Board of Directors. The liquidity of investments will meet cash flow needs for the next six months except under unforeseen catastrophic circumstances.

Investments	Maturity Date	Days to Maturity	Yield to Maturity @ Cost	Cost Value	% of Portfolio	Policy % Limit	Market Value	Interest Year to Date	Notes
Local Agency Investment Fund (LAIF)	Liquid	1	1.79%	1,068.08	0.00%	No Limit	1,068.08	19.30	1,4
Orange County Investment Pool (OCIP)	Liquid	1	1.74%	2,771,056.75	8.80%	No Limit	2,771,056.75	81,175.80	1,6
Miscellaneous (Petty Cash, Emergency Cash, etc.)	Liquid	1	0.00%	14,000.00	0.04%	N/A	14,000.00	0.00	
Union Bank Custody Account									2,5
Negotiable CD	Various	953	2.05%	8,806,787.50	28.39%	30.00%	8,941,877.22	122,593.60	
US Agency	Various	802	1.66%	11,445,290.25	36.74%	No Limit	11,569,941.67	222,716.60	
Sub Total / Average			1.82%	20,252,077.75			20,511,818.89	345,310.20	
Union Bank Accounts	Liquid	1	0.45%	8,198,177.86	26.03%	No Limit	8,198,177.86	0.00	1,3
Total Average		565	1.46%	\$31,236,380.44	100.00%		\$31,496,121.58	\$426,505.30	

PARS OPEB & Pension Trust	1 Month Rate of Return	3 Month Rate of Return	Cost Value	Market Value
Public Agency Retirement Services (PARS)				
Capital Appreciation HighMark PLUS Fund				
OPEB	-13.14%	-18.29%	1,341,537.92	1,237,237.28
Pension Trust	-13.27%	-18.35%	12,871,739.39	11,464,325.16
			\$ 14,213,277.31	\$ 12,701,562.44

Sources of Market Value Valuation - Account Statements

LAIF, OCIP & Union Bank

I certify that this report reflects the cash and investments of Mesa Water District and is in conformity with the Government Code requirements and the District Investment Policy/Guidelines in effect at the time of the investment.

Local Agency Investment Fund (LAIF)

District LAIF includes the funds designated for advances; construction, customer deposits, working capital cash and monies to pay COP principal/interest payments.

Marwan Khalifa

Marwan Khalifa, CPA, MBA, District Treasurer

Weighted Average Return | 1.46 %

Benchmark: 3 Month Treasury Bill - March | .30%

Weighted Average Maturity | 1.5 Years

Days to Maturity | 565

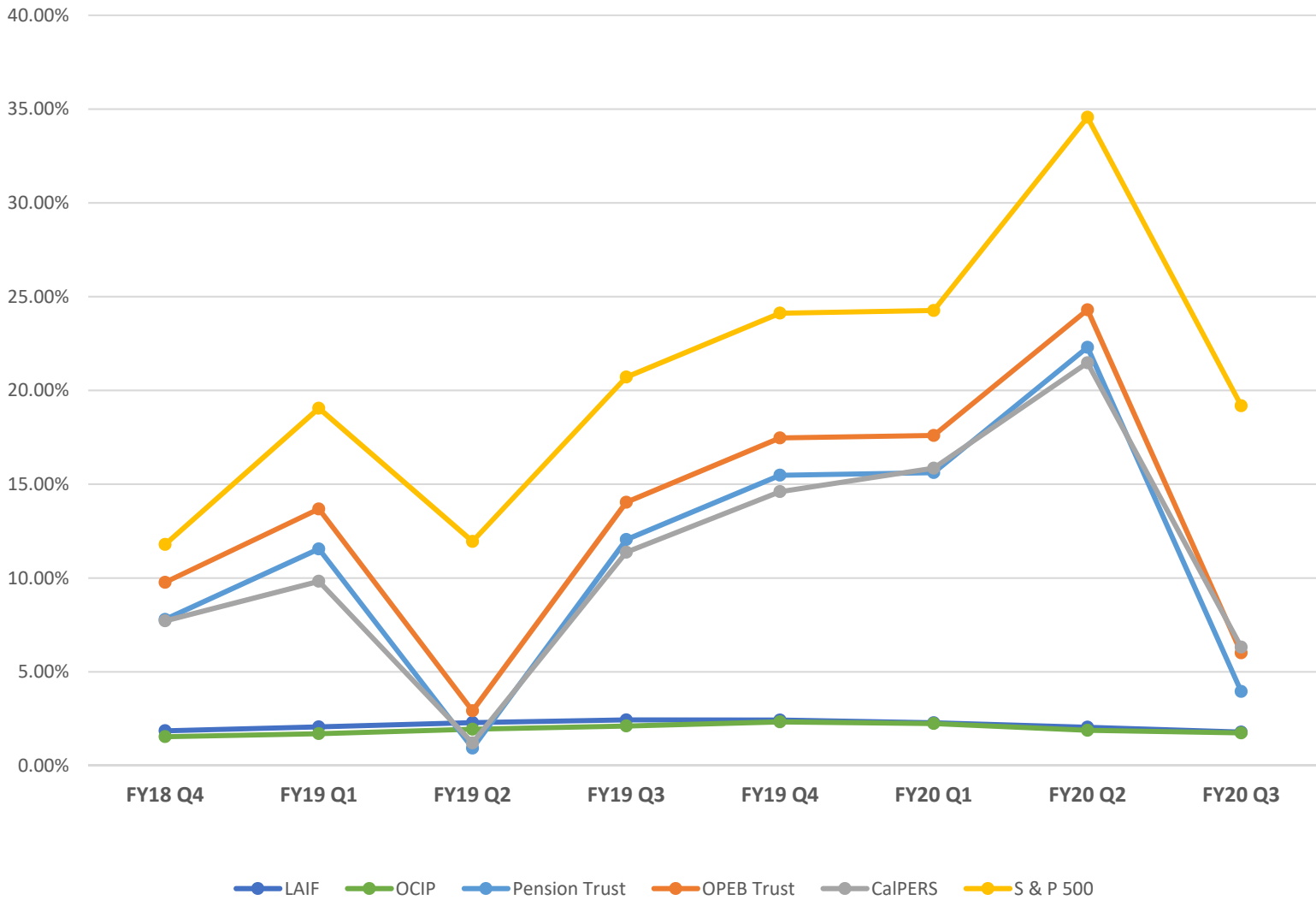
PARS OPEB & Pension Trust - Benchmark - S & P 500 Index

1 Month | 16.07 % 3 Month | -15.38% 1 YEAR | -4.04 %

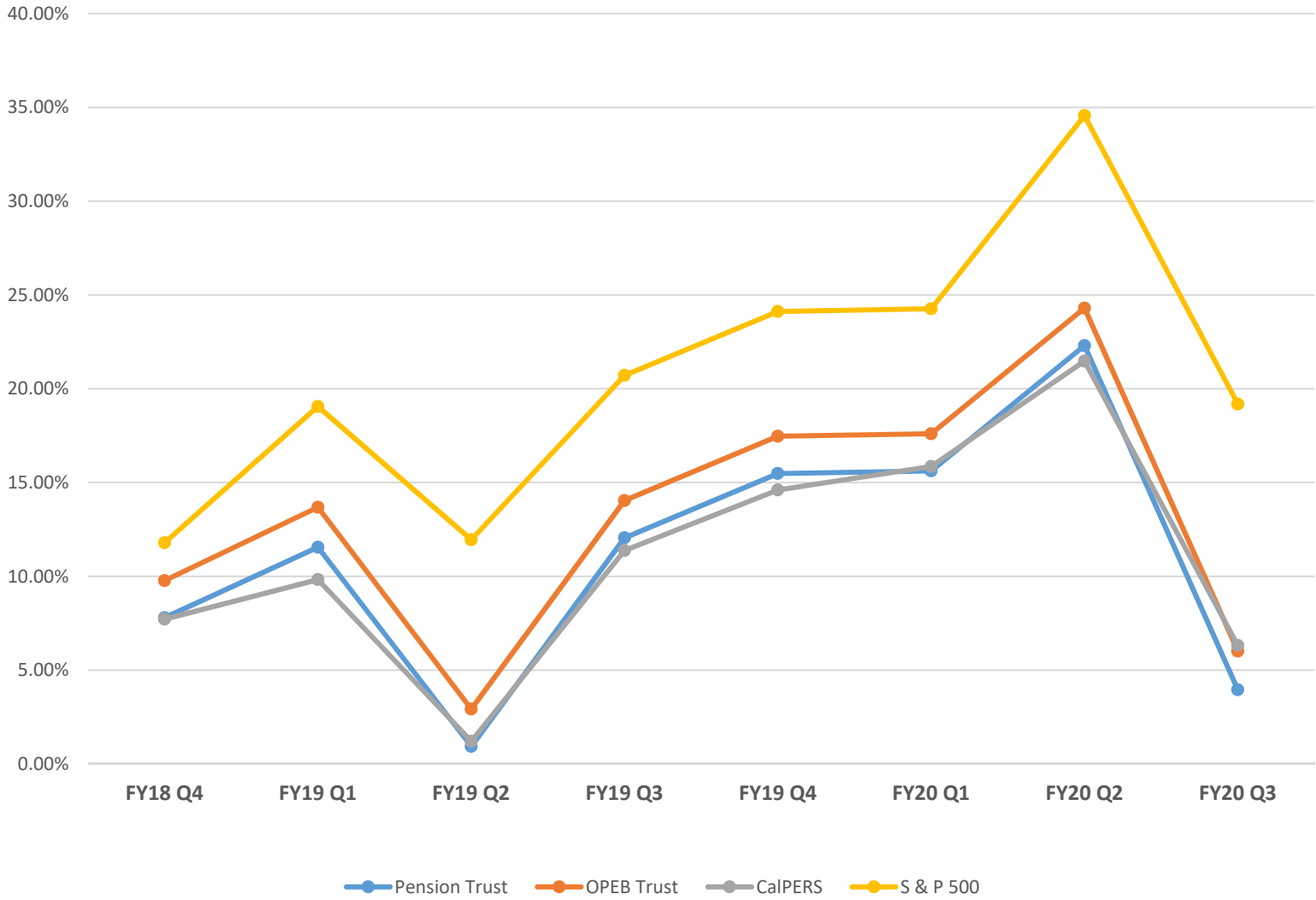
Notes

- The interest or yield shown is for the current month net of fees.
- The interest rate (Yield to Maturity @Cost) shown is the guaranteed annual interest rate for the term of the investment.
- The rate shown is the Earnings Credit Rate. These earnings are applied against bank service charges; no actual monies are received.
- LAIF general ledger carrying value reflects market value (unrealized gains/losses) only at fiscal year end. LAIF only provides the market value participation factor quarterly. * The March Fair Value Factor is 1.007481015. The yield earned on the Treasurer's Reports does not reflect change in fair market value.
- Union Bank Custody Account general ledger carrying value reflects market value (unrealized gains/losses). The Yield earned does not reflect change in fair market value.
- Orange County Investment Pool - March 2020, Net Asset Value is 1.00.

Cumulative Quarterly Return on Investments



Cumulative Quarterly Return on Investments



Mesa Water District
 Portfolio Holdings
 Certificate of Participation Investments
 Report Format: By Transaction
 Group By: Portfolio Name
 Average By: Market Value
 Portfolio / Report Group: Report Group | COPS Trust Indentures
 As of 3/31/2020

<u>Description</u>	<u>CUSIP/Ticker</u>	<u>Asset Category</u>	<u>Coupon Rate</u>	<u>YTM @ Cost</u>	<u>Settlement Date</u>	<u>Maturity Date</u>	<u>Cost Value</u>	<u>Market Value</u>	<u>% of Portfolio</u>
2010 COPS									
US Bank Cash	MM6000	6000 Reserve Fund - Liquid Assets	0.000	0.000	8/31/2015	N/A	0.02	0.02	100.00
Sub Total / Average 2010 COPS			0.000	0.000			0.02	0.02	100.00
Total / Average			0.000	0.000			0.02	0.02	100

Mesa Water District
 Transactions Summary
 Quarterly Treasurer's Status Report - Investment Activity
 Group By: Action
 Portfolio / Report Group: Report Group | Treasurer's Report
 Begin Date: 12/31/2019, End Date: 03/31/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
FNMA 1.875 4/5/2022	3135G0T45	0.520	3/23/2020	4/5/2022	500,000.00	513,685.00	4,375.00	518,060.00
FFCB 1.3 3/24/2025-21	3130AJF95	1.220	3/24/2020	3/24/2025	750,000.00	752,901.75	0.00	752,901.75
Baycoast Bank MA 0.9 3/31/2025	072727BG4	0.900	3/31/2020	3/31/2025	248,000.00	248,000.00	0.00	248,000.00
Sub Total / Average Buy					1,498,000.00	1,514,586.75	4,375.00	1,518,961.75
Called								
FFCB 1.625 12/1/2020-16	3133EGCP8	0.000	3/10/2020	12/1/2020	700,000.00	700,000.00	3,128.13	703,128.13
FFCB 1.58 2/17/2021-16	3133EGAZ8	0.000	3/11/2020	2/17/2021	1,000,000.00	1,000,000.00	1,053.33	1,001,053.33
FFCB 1.42 1/12/2021-16	3133EGLH6	0.000	3/13/2020	1/12/2021	1,000,000.00	1,000,000.00	2,406.11	1,002,406.11
Commonwealth Bank & Trust KY 2 9/18/2024-20	202710AJ8	0.000	3/18/2020	9/18/2024	249,000.00	249,000.00	0.00	249,000.00
First Keystone Community Bank PA 1.9 10/23/2023-20	32065RAF2	0.000	3/23/2020	10/23/2023	249,000.00	249,000.00	0.00	249,000.00
Sub Total / Average Called					3,198,000.00	3,198,000.00	6,587.57	3,204,587.57

Mesa Water District
Date To Date
Quarterly Interest | Received
Report Format: By Transaction
Group By: Asset Category
Portfolio / Report Group: Report Group | Treasurer's Report
Begin Date: 12/31/2019, End Date: 3/31/2020

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
LAIF / Policy - No Limit							
LAIF LGIP	LGIP0012	6/30/2010	N/A	N/A	1,068.08	6.10	0.00
Sub Total/Average					1,068.08	6.10	0.00
Orange County LGIP - OCIP / Policy - No Limit							
Orange County Investment Pool LGIP	LGIP9LC	9/30/2011	N/A	N/A	2,771,056.75	29,809.34	0.00
Sub Total/Average					2,771,056.75	29,809.34	0.00
Miscellaneous Cash (Petty, Emergency)							
Miscellaneous Cash Cash	CASH	6/30/2015	N/A	N/A	14,000.00	0.00	0.00
Sub Total/Average					14,000.00	0.00	0.00
Union Bank - Negotiable CD							
Washington TR County 1.45 5/18/2020 BMW	940637HX2	11/18/2016	5/18/2020	1.450	247,000.00	0.00	0.00
Bank UT 2.1 6/26/2020	05580ACB8	6/29/2015	6/26/2020	2.100	247,000.00	0.00	0.00
Everbank FL 2 7/14/2020	29976DZD5	7/14/2015	7/14/2020	2.000	247,000.00	2,490.30	0.00
Investors Bank NJ 2 8/25/2020	46176PEJ0	8/26/2015	8/25/2020	2.000	247,000.00	2,490.30	0.00
HSBC Bank VA 1.5 12/21/2020-19	40434YCS4	10/27/2016	12/21/2020	1.500	140,000.00	512.05	0.00
HSBC Bank VA 1.5 12/21/2020-19	40434YCS4	10/27/2016	12/21/2020	1.500	57,000.00	208.48	0.00
First Technology CU CA 1.75 6/30/2021 Wells	33715LAD2	6/30/2016	6/30/2021	1.750	247,000.00	11.84	0.00
Fargo SD 1.6 8/3/2021	9497486Z5	8/3/2016	8/3/2021	1.600	247,000.00	985.29	0.00
Privatebank and Trust IL 1.5 8/30/2021	74267GVM6	8/29/2016	8/30/2021	1.500	247,000.00	1,852.50	0.00
Mercantil Commerce Bank FL 1.65 9/28/2021	58733ADJ5	9/28/2016	9/28/2021	1.650	247,000.00	2,032.17	0.00
Countryside Federal CU NY 1.65 10/28/2021	22239MAL2	10/28/2016	10/28/2021	1.650	247,000.00	1,016.09	0.00
Beneficial Mutual Savings PA 1.55 11/16/2021	08173QBU9	11/16/2016	11/16/2021	1.550	247,000.00	0.00	0.00
Bank of Baroda 1.85 11/23/2021	06062QXG4	11/23/2016	11/23/2021	1.850	247,000.00	0.00	0.00
Business Bank MO 2 1/20/2022	12325EHH8	1/20/2017	1/20/2022	2.000	247,000.00	1,231.61	0.00
First National Bank MI 2 1/20/2022	32110YJT3	1/20/2017	1/20/2022	2.000	201,000.00	1,002.24	0.00
Franklin Synergy Bank TN 2 1/31/2022	35471TCV2	1/31/2017	1/31/2022	2.000	247,000.00	1,231.61	0.00

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
Synchrony Bank UT 2.3 2/24/2022	87165FPA6	2/24/2017	2/24/2022	2.300	247,000.00	2,863.85	0.00
Capital One Bank VA 2.3 3/1/2022	140420Y53	3/1/2017	3/1/2022	2.300	247,000.00	2,832.72	0.00
State Bank India NY 2.35 3/14/2022	8562846V1	3/14/2017	3/14/2022	2.350	247,000.00	2,894.30	0.00
Amercian Express 2.45 4/5/2022	02587DN38	4/5/2017	4/5/2022	2.450	247,000.00	0.00	0.00
Ally Bank UT 1.85 10/24/2022	02007GML4	10/24/2019	10/24/2022	1.850	247,000.00	0.00	0.00
Merrick Bank UT 3 7/31/2023	59013J6G9	1/30/2019	7/31/2023	3.000	249,000.00	1,862.39	0.00
First Keystone Community Bank PA 1.9 10/23/2023-20	32065RAF2	10/23/2019	10/23/2023	1.900	0.00	1,179.51	0.00
Enterprise Bank & Trust 1.75 11/8/2023	29367SJR6	11/8/2019	11/8/2023	1.750	249,000.00	1,086.39	0.00
Raymond James Bank 1.75 11/8/2023	75472RAH4	11/8/2019	11/8/2023	1.750	247,000.00	0.00	0.00
Third Federal Savings 1.75 11/13/2023	88413QCJ5	11/12/2019	11/13/2023	1.750	247,000.00	0.00	0.00
Marlin Business Bank UT 1.7 12/4/2023	57116ATG3	12/2/2019	12/4/2023	1.700	249,000.00	1,055.36	0.00
Goldman Sachs NY 3.3 1/16/2024	38148P4E4	1/16/2019	1/16/2024	3.300	245,000.00	4,075.73	0.00
Morgan Stanley UT 3.05 1/31/2024	61690UDV9	1/31/2019	1/31/2024	3.050	246,000.00	3,782.33	0.00
Morgan Stanley NY 3.05 1/31/2024	61760AVF3	1/31/2019	1/31/2024	3.050	246,000.00	3,782.33	0.00
Capital One VA 2.65 5/22/2024	14042RLP4	5/22/2019	5/22/2024	2.650	246,000.00	0.00	0.00
Eaglebank MD 2.5 5/24/2024	27002YEN2	5/24/2019	5/24/2024	2.500	249,000.00	1,551.99	0.00
JPMorgan Chase OH 2.1 8/31/2024-20	48128H6D5	8/30/2019	8/31/2024	2.100	247,000.00	2,600.61	0.00
Commonwealth Bank & Trust KY 2 9/18/2024-20	202710AJ8	9/18/2019	9/18/2024	2.000	0.00	1,241.59	0.00
Sallie Mae Bank UT 1.9 10/16/2024	7954504P7	10/17/2019	10/16/2024	1.900	247,000.00	0.00	0.00
Celtic Bank UT 1.65 10/23/2024	15118RSV0	10/23/2019	10/23/2024	1.650	249,000.00	1,024.31	0.00
Parkside Financial Bank MO 1.85 10/23/2024	70147ADG6	10/23/2019	10/23/2024	1.850	249,000.00	1,148.48	0.00
Garnett State Bank 1.7 11/19/2024	366526AW1	11/19/2019	11/19/2024	1.700	249,000.00	1,055.36	0.00
Citizens State Bank 1.7 11/22/2024	176688CR8	11/22/2019	11/22/2024	1.700	249,000.00	1,055.36	0.00
Sub Total/Average					8,807,000.00	50,157.09	0.00
Union Bank - US Agency							
FNMA 1.35 4/27/2020-17	3136G4FP3	11/17/2016	4/27/2020	1.350	150,000.00	0.00	0.00
FFCB 1.625 12/1/2020-16	3133EGCP8	6/15/2016	12/1/2020	1.625	0.00	0.00	3,128.13
FFCB 1.42 1/12/2021-16	3133EGLH6	7/12/2016	1/12/2021	1.420	0.00	7,100.00	2,406.11
FFCB 1.58 2/17/2021-16	3133EGAZ8	11/18/2016	2/17/2021	1.580	0.00	7,900.00	1,053.33
FNMA 1.6 7/28/2021-16	3136G3J30	7/28/2016	7/28/2021	1.600	1,000,000.00	8,000.00	0.00
FNMA 1.6 7/28/2021-16	3136G3J30	7/28/2016	7/28/2021	1.600	2,000,000.00	16,000.00	0.00
FNMA 1.625 8/10/2021-16	3136G3N76	8/10/2016	8/10/2021	1.625	1,000,000.00	8,125.00	0.00
FHLB 1.68 8/25/2021-16	3134G93Q8	8/25/2016	8/25/2021	1.680	1,000,000.00	8,400.00	0.00
FHLB 2 11/10/2021-18	3130A9S44	11/10/2016	11/10/2021	2.000	750,000.00	0.00	0.00
FHLMC 1.65 11/22/2021-17	3134GAUB8	11/22/2016	11/22/2021	1.650	975,000.00	0.00	0.00
FNMA 1.875 4/5/2022	3135G0T45	3/23/2020	4/5/2022	1.875	500,000.00	0.00	0.00

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
FNMA 1.375 9/6/2022	3135G0W33	11/8/2019	9/6/2022	1.375	500,000.00	3,437.50	0.00
FHLB 3 12/9/2022	3130AFE78	1/9/2019	12/9/2022	3.000	1,000,000.00	0.00	0.00
FFCB 2.125 6/5/2023	3133EKPT7	11/8/2019	6/5/2023	2.125	500,000.00	0.00	0.00
FAMC 3.05 9/19/2023	3132X06C0	1/9/2019	9/19/2023	3.050	500,000.00	7,625.00	0.00
FAMC 2.15 6/5/2024	31422BGA2	11/8/2019	6/5/2024	2.150	500,000.00	0.00	0.00
FFCB 1.3 3/24/2025-21	3130AJF95	3/24/2020	3/24/2025	1.300	750,000.00	0.00	0.00
Baycoast Bank MA 0.9 3/31/2025	072727BG4	3/31/2020	3/31/2025	0.900	248,000.00	0.00	0.00
Sub Total/Average					11,373,000.00	66,587.50	6,587.57
Union Bank Accounts / Policy - No Limit							
Union Bank MM	MM2110	11/30/2013	N/A	N/A	8,198,177.86	0.00	0.00
Sub Total/Average					8,198,177.86	0.00	0.00
Total / Average					31,164,302.69	146,560.03	6,587.57

Mesa Water District
Portfolio Holdings
Investment Report | PARS Trust
Report Format: By CUSIP / Ticker
Group By: Portfolio Name
Average By: Market Value
Portfolio / Report Group: PARS OPEB Trust
As of 3/31/2020

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS OPEB Trust					
Columbia Contrarian Fund	19766M709	Mutual Fund	3,450.77	80,785.11	77,434.81
DFA Large Cap	233203868	Mutual Fund	3,215.62	66,217.86	57,237.70
Dodge & Cox International	256206103	Mutual Fund	1,207.25	45,520.66	36,579.17
Dodge & Cox Stock Fund	256219106	Mutual Fund	680.08	119,103.76	91,505.57
Doubline Core Fix Income	258620301	Mutual Fund	7,794.09	85,278.09	82,773.13
Harbor Capital Appreciation	411512528	Mutual Fund	690.33	46,389.98	46,093.81
Hartford Schroders	41665X859	Mutual Fund	5,060.14	75,559.74	64,415.67
iShares Russell Mid Cap	464287499	Mutual Fund	1,450.00	30,247.40	62,596.50
iShares SP500	464287408	Mutual Fund	323.00	40,803.81	31,088.75
MFS International	552746356	Mutual Fund	1,183.65	33,929.70	35,722.42
PGIM Total Return Bond	74440B884	Mutual Fund	6,100.25	89,114.06	84,792.87
Pimco Total Return Fund	693390700	Mutual Fund	8,153.14	84,522.19	85,526.59
Price T Rowe Growth	741479406	Mutual Fund	740.21	44,938.28	46,382.06
Undiscovered	904504479	Mutual Fund	1,253.19	77,583.73	46,581.43
US Bank PARS - OPEB Trust MM	MM4900	Money Market	57,530.65	57,530.65	57,530.65
Vanguard Growth & Income	921913208	Mutual Fund	2,975.04	211,862.47	200,964.49
Vanguard Real Estate	922908553	Mutual Fund	737.00	62,108.21	51,479.45
Vanguard Short Term	922031836	Mutual Fund	2,954.25	31,013.20	31,019.54
Victory RS	92647Q363	Mutual Fund	769.81	59,029.02	47,512.67
Sub Total / Average PARS OPEB Trust			106,268.47	1,341,537.92	1,237,237.28
Total / Average			106,268.47	1,341,537.92	1,237,237.28

Mesa Water District
Portfolio Holdings
Investment Report | PARS Trust
Report Format: By CUSIP / Ticker
Group By: Portfolio Name
Average By: Market Value
Portfolio / Report Group: PARS Pension Trust
As of 3/31/2020

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS Pension Trust					
Columbia Contrarian Fund	19766M709	Mutual Fund	31,979.39	826,639.02	717,617.35
DFA Large Cap	233203868	Mutual Fund	29,792.82	620,167.01	530,312.19
Dodge & Cox International	256206103	Mutual Fund	11,186.91	471,688.58	338,963.51
Dodge & Cox Stock Fund	256219106	Mutual Fund	6,175.39	1,171,577.09	830,898.32
Doubline Core Fix Income	258620301	Mutual Fund	72,230.67	788,253.17	767,089.57
Harbor Capital Appreciation	411512528	Mutual Fund	6,397.61	463,155.75	427,168.63
Hartford Schroders	41665X859	Mutual Fund	46,913.11	707,457.64	597,203.94
iShares Russell Mid Cap	464287499	Mutual Fund	13,420.00	214,217.68	579,341.40
iShares SP500	464287408	Mutual Fund	2,987.00	381,119.70	287,498.75
MFS International	552746356	Mutual Fund	10,969.27	363,966.97	331,052.82
PGIM Total Return Bond	74440B884	Mutual Fund	56,347.47	819,194.89	783,229.97
Pimco Total Return Fund	693390700	Mutual Fund	75,336.58	773,260.45	790,280.67
Price T Rowe Growth	741479406	Mutual Fund	6,862.42	454,300.03	429,999.73
Undiscovered	904504479	Mutual Fund	11,613.88	748,949.68	431,687.77
US Bank PARS - Pension Trust MM	MM4901	Money Market	556,045.53	556,045.53	556,045.53
Vanguard Growth & Income	921913208	Mutual Fund	27,581.52	2,117,983.02	1,863,131.59
Vanguard Real Estate	922908553	Mutual Fund	6,811.00	561,668.57	475,748.35
Vanguard Short Term	922031836	Mutual Fund	27,308.31	285,696.06	286,737.18
Victory RS	92647Q363	Mutual Fund	7,134.10	546,398.55	440,317.89
Sub Total / Average PARS Pension Trust			1,007,092.98	12,871,739.39	11,464,325.16
Total / Average			1,007,092.98	12,871,739.39	11,464,325.16

Mesa Water District
 Transactions Summary
 Quarterly Treasurer's Status Report - Investment Activity
 Group By: Action
 Portfolio / Report Group: PARS OPEB Trust
 Begin Date: 12/31/2019, End Date: 03/31/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Pimco Total Return Fund	693390700	0.000	1/31/2020	N/A	25.686	271.50	0.00	271.50
PGIM Total Return Bond	74440B884	0.000	1/31/2020	N/A	19.119	281.81	0.00	281.81
Vanguard Short Term	922031836	0.000	1/31/2020	N/A	8.369	90.39	0.00	90.39
Pimco Total Return Fund	693390700	0.000	2/29/2020	N/A	23.005	246.15	0.00	246.15
PGIM Total Return Bond	74440B884	0.000	2/29/2020	N/A	17.781	265.11	0.00	265.11
Vanguard Short Term	922031836	0.000	2/29/2020	N/A	7.695	83.57	0.00	83.57
Hartford Schroders	41665X859	0.000	3/4/2020	N/A	70.006	1,103.99	0.00	1,103.99
iShares SP500	464287408	0.000	3/4/2020	N/A	4.00	479.09	0.00	479.09
Vanguard Growth & Income	921913208	0.000	3/4/2020	N/A	42.251	3,470.10	0.00	3,470.10
Vanguard Real Estate	922908553	0.000	3/4/2020	N/A	10.00	934.52	0.00	934.52
DFA Large Cap	233203868	0.000	3/4/2020	N/A	42.202	924.22	0.00	924.22
Undiscovered	904504479	0.000	3/4/2020	N/A	18.425	986.28	0.00	986.28
Dodge & Cox Stock Fund	256219106	0.000	3/4/2020	N/A	8.444	1,494.68	0.00	1,494.68
Columbia Contrarian Fund	19766M709	0.000	3/4/2020	N/A	50.382	1,347.71	0.00	1,347.71
Dodge & Cox International	256206103	0.000	3/4/2020	N/A	14.537	565.47	0.00	565.47
MFS International	552746356	0.000	3/4/2020	N/A	17.139	606.05	0.00	606.05
Price T Rowe Growth	741479406	0.000	3/4/2020	N/A	11.066	820.30	0.00	820.30
Victory RS	92647Q363	0.000	3/4/2020	N/A	14.293	1,134.04	0.00	1,134.04
Harbor Capital Appreciation	411512528	0.000	3/4/2020	N/A	10.733	840.47	0.00	840.47
iShares Russell Mid Cap	464287499	0.000	3/4/2020	N/A	22.00	1,233.24	0.00	1,233.24
Hartford Schroders	41665X859	0.000	3/17/2020	N/A	56.682	713.06	0.00	713.06
iShares SP500	464287408	0.000	3/17/2020	N/A	3.00	282.44	0.00	282.44
Vanguard Growth & Income	921913208	0.000	3/17/2020	N/A	34.18	2,259.33	0.00	2,259.33
Vanguard Real Estate	922908553	0.000	3/17/2020	N/A	8.00	541.48	0.00	541.48
DFA Large Cap	233203868	0.000	3/17/2020	N/A	34.017	568.08	0.00	568.08
Undiscovered	904504479	0.000	3/17/2020	N/A	15.016	538.79	0.00	538.79
Dodge & Cox Stock Fund	256219106	0.000	3/17/2020	N/A	6.836	904.93	0.00	904.93
Columbia Contrarian Fund	19766M709	0.000	3/17/2020	N/A	40.696	887.98	0.00	887.98
Dodge & Cox International	256206103	0.000	3/17/2020	N/A	11.783	336.98	0.00	336.98

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
MFS International	552746356	0.000	3/17/2020	N/A	13.962	398.20	0.00	398.20
Price T Rowe Growth	741479406	0.000	3/17/2020	N/A	9.004	529.27	0.00	529.27
Victory RS	92647Q363	0.000	3/17/2020	N/A	11.418	665.00	0.00	665.00
Harbor Capital Appreciation	411512528	0.000	3/17/2020	N/A	8.659	536.71	0.00	536.71
iShares Russell Mid Cap	464287499	0.000	3/17/2020	N/A	18.00	742.05	0.00	742.05
Hartford Schroders	41665X859	0.000	3/20/2020	N/A	220.648	2,621.30	0.00	2,621.30
iShares SP500	464287408	0.000	3/20/2020	N/A	26.00	2,323.52	0.00	2,323.52
Vanguard Growth & Income	921913208	0.000	3/20/2020	N/A	10.017	601.92	0.00	601.92
Vanguard Real Estate	922908553	0.000	3/20/2020	N/A	45.00	2,857.47	0.00	2,857.47
DFA Large Cap	233203868	0.000	3/20/2020	N/A	298.241	4,724.13	0.00	4,724.13
Dodge & Cox Stock Fund	256219106	0.000	3/20/2020	N/A	78.60	9,622.17	0.00	9,622.17
Dodge & Cox International	256206103	0.000	3/20/2020	N/A	200.272	5,401.33	0.00	5,401.33
Dodge & Cox Stock Fund	256219106	0.000	3/27/2020	N/A	13.404	1,869.38	0.00	1,869.38
Pimco Total Return Fund	693390700	0.000	3/31/2020	N/A	23.926	250.98	0.00	250.98
PGIM Total Return Bond	74440B884	0.000	3/31/2020	N/A	20.015	278.21	0.00	278.21
Vanguard Short Term	922031836	0.000	3/31/2020	N/A	7.526	79.02	0.00	79.02
Sub Total / Average Buy					1,652.035	57,712.42	0.00	57,712.42

Dividend

Pimco Total Return Fund	693390700	0.000	1/31/2020	N/A	0.00	0.00	271.50	271.50
PGIM Total Return Bond	74440B884	0.000	1/31/2020	N/A	0.00	0.00	281.81	281.81
Vanguard Short Term	922031836	0.000	1/31/2020	N/A	0.00	0.00	90.39	90.39
Doubeline Core Fix Income	258620301	0.000	2/4/2020	N/A	0.00	0.00	272.91	272.91
Pimco Total Return Fund	693390700	0.000	2/29/2020	N/A	0.00	0.00	246.15	246.15
PGIM Total Return Bond	74440B884	0.000	2/29/2020	N/A	0.00	0.00	265.11	265.11
Vanguard Short Term	922031836	0.000	2/29/2020	N/A	0.00	0.00	83.57	83.57
Doubeline Core Fix Income	258620301	0.000	3/2/2020	N/A	0.00	0.00	257.24	257.24
Vanguard Real Estate	922908553	0.000	3/13/2020	N/A	0.00	0.00	443.16	443.16
Dodge & Cox Stock Fund	256219106	0.000	3/27/2020	N/A	0.00	0.00	666.68	666.68
iShares SP500	464287408	0.000	3/31/2020	N/A	0.00	0.00	265.42	265.42
Pimco Total Return Fund	693390700	0.000	3/31/2020	N/A	0.00	0.00	250.98	250.98
PGIM Total Return Bond	74440B884	0.000	3/31/2020	N/A	0.00	0.00	278.21	278.21
Vanguard Short Term	922031836	0.000	3/31/2020	N/A	0.00	0.00	79.02	79.02
iShares Russell Mid Cap	464287499	0.000	3/31/2020	N/A	0.00	0.00	385.65	385.65
Sub Total / Average Dividend					0.00	0.00	4,137.80	4,137.80

Sell

Pimco Total Return Fund	693390700	0.000	3/4/2020	N/A	527.701	5,672.79	0.00	5,672.79
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Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
PGIM Total Return Bond	74440B884	0.000	3/4/2020	N/A	377.472	5,654.53	0.00	5,654.53
Vanguard Short Term	922031836	0.000	3/4/2020	N/A	190.875	2,082.45	0.00	2,082.45
Doubeline Core Fix Income	258620301	0.000	3/4/2020	N/A	487.592	5,553.67	0.00	5,553.67
Pimco Total Return Fund	693390700	0.000	3/17/2020	N/A	339.311	3,481.33	0.00	3,481.33
PGIM Total Return Bond	74440B884	0.000	3/17/2020	N/A	243.328	3,404.16	0.00	3,404.16
Vanguard Short Term	922031836	0.000	3/17/2020	N/A	122.733	1,297.29	0.00	1,297.29
Doubeline Core Fix Income	258620301	0.000	3/17/2020	N/A	313.521	3,389.16	0.00	3,389.16
Undiscovered	904504479	0.000	3/20/2020	N/A	22.954	755.88	0.00	755.88
Columbia Contrarian Fund	19766M709	0.000	3/20/2020	N/A	80.171	1,603.42	0.00	1,603.42
Pimco Total Return Fund	693390700	0.000	3/20/2020	N/A	1,365.258	13,843.72	0.00	13,843.72
PGIM Total Return Bond	74440B884	0.000	3/20/2020	N/A	728.502	9,769.21	0.00	9,769.21
MFS International	552746356	0.000	3/20/2020	N/A	3.325	90.74	0.00	90.74
Price T Rowe Growth	741479406	0.000	3/20/2020	N/A	34.332	1,905.43	0.00	1,905.43
Vanguard Short Term	922031836	0.000	3/20/2020	N/A	487.55	5,021.77	0.00	5,021.77
Victory RS	92647Q363	0.000	3/20/2020	N/A	224.624	12,163.39	0.00	12,163.39
Doubeline Core Fix Income	258620301	0.000	3/20/2020	N/A	978.757	10,179.07	0.00	10,179.07
Harbor Capital Appreciation	411512528	0.000	3/20/2020	N/A	59.078	3,526.96	0.00	3,526.96
iShares Russell Mid Cap	464287499	0.000	3/20/2020	N/A	79.00	3,153.59	0.00	3,153.59
Sub Total / Average Sell					6,666.084	92,548.56	0.00	92,548.56

Mesa Water District
 Transactions Summary
 Quarterly Treasurer's Status Report - Investment Activity
 Group By: Action
 Portfolio / Report Group: PARS Pension Trust
 Begin Date: 12/31/2019, End Date: 03/31/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Hartford Schroders	41665X859	0.000	2/19/2020	N/A	2,014.069	33,493.97	0.00	33,493.97
iShares SP500	464287408	0.000	2/19/2020	N/A	33.00	4,338.35	0.00	4,338.35
DFA Large Cap	233203868	0.000	2/19/2020	N/A	802.769	18,865.08	0.00	18,865.08
Undiscovered	904504479	0.000	2/19/2020	N/A	862.651	51,733.20	0.00	51,733.20
Dodge & Cox Stock Fund	256219106	0.000	2/19/2020	N/A	8.402	1,665.09	0.00	1,665.09
Pimco Total Return Fund	693390700	0.000	2/19/2020	N/A	604.366	6,370.02	0.00	6,370.02
Dodge & Cox International	256206103	0.000	2/19/2020	N/A	391.145	16,768.37	0.00	16,768.37
PGIM Total Return Bond	74440B884	0.000	2/19/2020	N/A	77.36	1,141.84	0.00	1,141.84
MFS International	552746356	0.000	2/19/2020	N/A	257.034	9,564.22	0.00	9,564.22
Vanguard Short Term	922031836	0.000	2/19/2020	N/A	531.627	5,736.25	0.00	5,736.25
Doubline Core Fix Income	258620301	0.000	2/19/2020	N/A	821.059	9,236.91	0.00	9,236.91
Hartford Schroders	41665X859	0.000	3/4/2020	N/A	848.962	13,388.13	0.00	13,388.13
iShares SP500	464287408	0.000	3/4/2020	N/A	53.00	6,349.86	0.00	6,349.86
Vanguard Growth & Income	921913208	0.000	3/4/2020	N/A	490.585	40,291.72	0.00	40,291.72
Vanguard Real Estate	922908553	0.000	3/4/2020	N/A	115.00	10,750.96	0.00	10,750.96
DFA Large Cap	233203868	0.000	3/4/2020	N/A	515.442	11,288.18	0.00	11,288.18
Undiscovered	904504479	0.000	3/4/2020	N/A	234.62	12,559.23	0.00	12,559.23
Dodge & Cox Stock Fund	256219106	0.000	3/4/2020	N/A	100.271	17,749.91	0.00	17,749.91
Columbia Contrarian Fund	19766M709	0.000	3/4/2020	N/A	580.357	15,524.54	0.00	15,524.54
Dodge & Cox International	256206103	0.000	3/4/2020	N/A	179.677	6,989.44	0.00	6,989.44
MFS International	552746356	0.000	3/4/2020	N/A	208.028	7,355.88	0.00	7,355.88
Price T Rowe Growth	741479406	0.000	3/4/2020	N/A	122.151	9,055.04	0.00	9,055.04
Victory RS	92647Q363	0.000	3/4/2020	N/A	162.674	12,906.58	0.00	12,906.58
Harbor Capital Appreciation	411512528	0.000	3/4/2020	N/A	116.044	9,087.41	0.00	9,087.41
iShares Russell Mid Cap	464287499	0.000	3/4/2020	N/A	264.00	14,808.16	0.00	14,808.16
Hartford Schroders	41665X859	0.000	3/17/2020	N/A	332.742	4,185.89	0.00	4,185.89
iShares SP500	464287408	0.000	3/17/2020	N/A	21.00	1,985.33	0.00	1,985.33
Vanguard Growth & Income	921913208	0.000	3/17/2020	N/A	192.104	12,698.05	0.00	12,698.05
Vanguard Real Estate	922908553	0.000	3/17/2020	N/A	45.00	3,070.17	0.00	3,070.17

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
DFA Large Cap	233203868	0.000	3/17/2020	N/A	201.117	3,358.65	0.00	3,358.65
Undiscovered	904504479	0.000	3/17/2020	N/A	92.563	3,321.15	0.00	3,321.15
Dodge & Cox Stock Fund	256219106	0.000	3/17/2020	N/A	39.295	5,201.84	0.00	5,201.84
Columbia Contrarian Fund	19766M709	0.000	3/17/2020	N/A	226.912	4,951.21	0.00	4,951.21
Dodge & Cox International	256206103	0.000	3/17/2020	N/A	70.497	2,016.22	0.00	2,016.22
MFS International	552746356	0.000	3/17/2020	N/A	82.033	2,339.57	0.00	2,339.57
Price T Rowe Growth	741479406	0.000	3/17/2020	N/A	48.112	2,828.00	0.00	2,828.00
Victory RS	92647Q363	0.000	3/17/2020	N/A	62.904	3,663.51	0.00	3,663.51
Harbor Capital Appreciation	411512528	0.000	3/17/2020	N/A	45.321	2,808.99	0.00	2,808.99
iShares Russell Mid Cap	464287499	0.000	3/17/2020	N/A	104.00	4,319.84	0.00	4,319.84
Hartford Schroders	41665X859	0.000	3/20/2020	N/A	464.917	5,523.21	0.00	5,523.21
iShares SP500	464287408	0.000	3/20/2020	N/A	151.00	13,499.59	0.00	13,499.59
Vanguard Growth & Income	921913208	0.000	3/20/2020	N/A	334.26	20,085.70	0.00	20,085.70
Vanguard Real Estate	922908553	0.000	3/20/2020	N/A	651.00	41,360.84	0.00	41,360.84
DFA Large Cap	233203868	0.000	3/20/2020	N/A	1,592.229	25,220.90	0.00	25,220.90
Dodge & Cox Stock Fund	256219106	0.000	3/20/2020	N/A	648.237	79,357.21	0.00	79,357.21
Dodge & Cox International	256206103	0.000	3/20/2020	N/A	1,336.475	36,044.73	0.00	36,044.73
Price T Rowe Growth	741479406	0.000	3/20/2020	N/A	95.752	5,314.21	0.00	5,314.21
Sub Total / Average Buy					17,231.763	630,173.15	0.00	630,173.15
Dividend								
Pimco Total Return Fund	693390700	0.000	1/31/2020	N/A	0.00	0.00	2,531.21	2,531.21
PGIM Total Return Bond	74440B884	0.000	1/31/2020	N/A	0.00	0.00	2,633.11	2,633.11
Vanguard Short Term	922031836	0.000	1/31/2020	N/A	0.00	0.00	847.00	847.00
Doubeline Core Fix Income	258620301	0.000	2/4/2020	N/A	0.00	0.00	2,562.85	2,562.85
Pimco Total Return Fund	693390700	0.000	2/29/2020	N/A	0.00	0.00	2,294.61	2,294.61
PGIM Total Return Bond	74440B884	0.000	2/29/2020	N/A	0.00	0.00	2,472.29	2,472.29
Vanguard Short Term	922031836	0.000	2/29/2020	N/A	0.00	0.00	785.43	785.43
Doubeline Core Fix Income	258620301	0.000	3/2/2020	N/A	0.00	0.00	2,437.76	2,437.76
Vanguard Real Estate	922908553	0.000	3/13/2020	N/A	0.00	0.00	3,961.91	3,961.91
Dodge & Cox Stock Fund	256219106	0.000	3/27/2020	N/A	0.00	0.00	6,175.39	6,175.39
iShares SP500	464287408	0.000	3/31/2020	N/A	0.00	0.00	2,454.54	2,454.54
Pimco Total Return Fund	693390700	0.000	3/31/2020	N/A	0.00	0.00	2,322.70	2,322.70
PGIM Total Return Bond	74440B884	0.000	3/31/2020	N/A	0.00	0.00	2,568.62	2,568.62
Vanguard Short Term	922031836	0.000	3/31/2020	N/A	0.00	0.00	739.31	739.31
iShares Russell Mid Cap	464287499	0.000	3/31/2020	N/A	0.00	0.00	3,569.25	3,569.25
Sub Total / Average Dividend					0.00	0.00	38,355.98	38,355.98

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Sell								
Vanguard Growth & Income	921913208	0.000	2/19/2020	N/A	562.135	49,928.83	0.00	49,928.83
Vanguard Real Estate	922908553	0.000	2/19/2020	N/A	338.00	33,258.46	0.00	33,258.46
Columbia Contrarian Fund	19766M709	0.000	2/19/2020	N/A	917.97	26,520.15	0.00	26,520.15
Price T Rowe Growth	741479406	0.000	2/19/2020	N/A	488.911	39,523.57	0.00	39,523.57
Victory RS	92647Q363	0.000	2/19/2020	N/A	365.253	31,652.82	0.00	31,652.82
Harbor Capital Appreciation	411512528	0.000	2/19/2020	N/A	603.956	51,807.35	0.00	51,807.35
iShares Russell Mid Cap	464287499	0.000	2/19/2020	N/A	241.00	14,935.63	0.00	14,935.63
Pimco Total Return Fund	693390700	0.000	3/4/2020	N/A	5,622.902	60,446.20	0.00	60,446.20
PGIM Total Return Bond	74440B884	0.000	3/4/2020	N/A	4,019.056	60,205.46	0.00	60,205.46
Vanguard Short Term	922031836	0.000	3/4/2020	N/A	842.18	9,188.18	0.00	9,188.18
Vanguard Short Term	922031836	0.000	3/4/2020	N/A	1,220.545	13,316.15	0.00	13,316.15
Doubline Core Fix Income	258620301	0.000	3/4/2020	N/A	5,273.002	60,059.49	0.00	60,059.49
Pimco Total Return Fund	693390700	0.000	3/17/2020	N/A	4,376.366	44,901.52	0.00	44,901.52
PGIM Total Return Bond	74440B884	0.000	3/17/2020	N/A	3,128.075	43,761.77	0.00	43,761.77
Vanguard Short Term	922031836	0.000	3/17/2020	N/A	1,605.441	16,969.51	0.00	16,969.51
Doubline Core Fix Income	258620301	0.000	3/17/2020	N/A	4,104.035	44,364.62	0.00	44,364.62
Undiscovered	904504479	0.000	3/20/2020	N/A	1,246.82	41,057.78	0.00	41,057.78
Columbia Contrarian Fund	19766M709	0.000	3/20/2020	N/A	211.486	4,229.72	0.00	4,229.72
Pimco Total Return Fund	693390700	0.000	3/20/2020	N/A	11,414.432	115,742.34	0.00	115,742.34
PGIM Total Return Bond	74440B884	0.000	3/20/2020	N/A	5,659.143	75,889.11	0.00	75,889.11
MFS International	552746356	0.000	3/20/2020	N/A	432.352	11,798.89	0.00	11,798.89
Vanguard Short Term	922031836	0.000	3/20/2020	N/A	4,515.735	46,512.07	0.00	46,512.07
Victory RS	92647Q363	0.000	3/20/2020	N/A	1,823.626	98,749.35	0.00	98,749.35
Doubline Core Fix Income	258620301	0.000	3/20/2020	N/A	9,122.027	94,869.08	0.00	94,869.08
Harbor Capital Appreciation	411512528	0.000	3/20/2020	N/A	15.442	921.89	0.00	921.89
iShares Russell Mid Cap	464287499	0.000	3/20/2020	N/A	139.00	5,543.86	0.00	5,543.86
iShares Russell Mid Cap	464287499	0.000	3/20/2020	N/A	554.00	22,095.66	0.00	22,095.66
Sub Total / Average Sell					68,842.89	1,118,249.46	0.00	1,118,249.46

Mesa Water District
Monthly Treasurer's Status Report on Investments
As of 02/29/2020



Investments are in compliance with the Investment Policy adopted as Resolution 1506 of the Mesa Water District Board of Directors. The liquidity of investments will meet cash flow needs for the next six months except under unforeseen catastrophic circumstances.

<u>Investments</u>	<u>Maturity Date</u>	<u>Days to Maturity</u>	<u>YTM@Cost</u>	<u>Cost Value</u>	<u>% of Portfolio</u>	<u>Policy % Limit</u>	<u>Market Value</u>
Local Agency Investment Fund (LAIF)	Liquid	1	1.91%	1,068.08	0.00%	No Limit	1,068.08
Orange County Investment Pool (OCIP)	Liquid	1	1.94%	6,761,673.18	20.16%	No Limit	6,761,673.18
Miscellaneous Cash (Petty Cash, Emergency Cash, etc.)	Liquid	1	0.00%	14,000.00	0.04%	N/A	14,000.00
Union Bank Custody Account							
Negotiable Certificate of Deposit	Various	1,010	2.04%	9,304,787.50	28.08%	30.00%	9,420,434.70
US Agency Bonds	Various	647	1.73%	12,624,793.50	37.94%	No Limit	12,728,148.50
Sub Total / Average				21,929,581.00			22,148,583.20
Union Bank Accounts	Liquid	1	0.45%	4,621,097.86	13.78%	No Limit	4,621,097.86
Total / Average		530	1.68%	\$ 33,327,420.12	100.00%		\$ 33,546,422.32

<u>PARS OPEB & Pension Trust</u>	<u>Monthly Rate of Return</u>	<u>Cost Value</u>	<u>Market Value</u>
Public Agency Retirement Services (PARS)			
Capital Appreciation HighMark PLUS Fund			
OPEB	-5.49%	1,355,290.95	1,425,069.91
Pension Trust	-5.41%	13,104,370.88	13,284,259.67
		\$ 14,459,661.83	\$ 14,709,329.58

Local Agency Investment Fund (LAIF)

LAIF includes funds designated for allocation of working capital cash to reserves, working capital cash and advances for construction. LAIF market value on Monthly Treasurer's Status Report on Investments for months between quarters is the dollar amount invested times the fair market value Fair Value factor of prior quarter end. The general ledger LAIF carrying value reflects market value (unrealized gains and losses) only at fiscal year end. LAIF provides the Fair Value factor as of March 31, June 30, September 30 and December 31 each year. LAIF market value on this report is based on the December 2019 Fair Value Factor of 1.001770298.

Orange County Treasurer's Investment Pool (OCIP)

The MY 2019 net asset value factor is estimated at 1.00, and the interest rate is the Monthly Net Yield.

Weighted Average Return

Mesa Water® Funds | 1.68%

Benchmark: 3 Month Treasury Bill - February 2020 | 1.54 %

Weighted Average Maturity

Years | 1.5

Days to Maturity | 530

PARS OPEB & Pension Trust Benchmark - S & P 500 Index

1 Month | -8.41 %

Mesa Water District
 Portfolio Holdings
 Certificate of Participation Investments
 Report Format: By Transaction
 Group By: Portfolio Name
 Average By: Market Value
 Portfolio / Report Group: Report Group | COPS Trust Indentures
 As of 2/29/2020

<u>Description</u>	<u>CUSIP/Ticker</u>	<u>Asset Category</u>	<u>Coupon Rate</u>	<u>YTM @ Cost</u>	<u>Settlement Date</u>	<u>Maturity Date</u>	<u>Cost Value</u>	<u>Market Value</u>	<u>% of Portfolio</u>
2010 COPS									
US Bank Cash	MM6000	6000 Reserve Fund - Liquid Assets	0.000	0.000	8/31/2015	N/A	0.02	0.02	100.00
Sub Total / Average 2010 COPS			0.000	0.000			0.02	0.02	100.00
Total / Average			0.000	0.000			0.02	0.02	100

Mesa Water District
Date To Date
Monthly Interest | Received
Report Format: By Transaction
Group By: Asset Category
Portfolio / Report Group: Report Group | Treasurer's Report
Begin Date: 1/31/2020, End Date: 2/29/2020

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
LAIF - LGIP							
	LGIP0012	6/30/2010	N/A	N/A	1,068.08	0.00	0.00
Sub Total/Average					1,068.08	0.00	0.00
Orange County Investment Pool - LGIP							
	LGIP9LC	9/30/2011	N/A	N/A	6,761,673.18	13,472.82	0.00
Sub Total/Average					6,761,673.18	13,472.82	0.00
Miscellaneous Cash (Petty, Emergency)							
	CASH	6/30/2015	N/A	N/A	14,000.00	0.00	0.00
Sub Total/Average					14,000.00	0.00	0.00
Union Bank - Negotiable CD							
Washingon TR County 1.45 5/18/2020 BMW	940637HX2	11/18/2016	5/18/2020	1.450	247,000.00	0.00	0.00
Bank UT 2.1 6/26/2020	05580ACB8	6/29/2015	6/26/2020	2.100	247,000.00	0.00	0.00
Everbank FL 2 7/14/2020	29976DZD5	7/14/2015	7/14/2020	2.000	247,000.00	0.00	0.00
Investors Bank NJ 2 8/25/2020	46176PEJ0	8/26/2015	8/25/2020	2.000	247,000.00	2,490.30	0.00
HSBC Bank VA 1.5 12/21/2020-19	40434YCS4	10/27/2016	12/21/2020	1.500	140,000.00	0.00	0.00
HSBC Bank VA 1.5 12/21/2020-19	40434YCS4	10/27/2016	12/21/2020	1.500	57,000.00	0.00	0.00
First Technology CU CA 1.75 6/30/2021	33715LAD2	6/30/2016	6/30/2021	1.750	247,000.00	0.00	0.00
Wells Fargo SD 1.6 8/3/2021	9497486Z5	8/3/2016	8/3/2021	1.600	247,000.00	335.65	0.00
Privatebank and Trust IL 1.5 8/30/2021	74267GVM6	8/29/2016	8/30/2021	1.500	247,000.00	1,852.50	0.00
Mercantil Commerce Bank FL 1.65 9/28/2021	58733ADJ5	9/28/2016	9/28/2021	1.650	247,000.00	0.00	0.00
Countryside Federal CU NY 1.65 10/28/2021	22239MAL2	10/28/2016	10/28/2021	1.650	247,000.00	346.14	0.00
Beneficial Mutual Savings PA 1.55 11/16/2021	08173QBU9	11/16/2016	11/16/2021	1.550	247,000.00	0.00	0.00
Bank of Baroda 1.85 11/23/2021	06062QXG4	11/23/2016	11/23/2021	1.850	247,000.00	0.00	0.00
Business Bank MO 2 1/20/2022	12325EHH8	1/20/2017	1/20/2022	2.000	247,000.00	419.56	0.00
First National Bank MI 2 1/20/2022	32110YJT3	1/20/2017	1/20/2022	2.000	201,000.00	341.42	0.00
Franklin Synergy Bank TN 2 1/31/2022	35471TCV2	1/31/2017	1/31/2022	2.000	247,000.00	392.49	0.00

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
Synchrony Bank UT 2.3 2/24/2022	87165FPA6	2/24/2017	2/24/2022	2.300	247,000.00	2,863.85	0.00
Capital One Bank VA 2.3 3/1/2022	140420Y53	3/1/2017	3/1/2022	2.300	247,000.00	0.00	0.00
State Bank India NY 2.35 3/14/2022	8562846V1	3/14/2017	3/14/2022	2.350	247,000.00	0.00	0.00
Amercian Express 2.45 4/5/2022	02587DN38	4/5/2017	4/5/2022	2.450	247,000.00	0.00	0.00
Ally Bank UT 1.85 10/24/2022	02007GML4	10/24/2019	10/24/2022	1.850	247,000.00	0.00	0.00
Merrick Bank UT 3 7/31/2023	59013J6G9	1/30/2019	7/31/2023	3.000	249,000.00	634.44	0.00
First Keystone Community Bank PA 1.9 10/23/2023-20	32065RAF2	10/23/2019	10/23/2023	1.900	249,000.00	401.81	0.00
Enterprise Bank & Trust 1.75 11/8/2023	29367SJR6	11/8/2019	11/8/2023	1.750	249,000.00	370.09	0.00
Raymond James Bank 1.75 11/8/2023	75472RAH4	11/8/2019	11/8/2023	1.750	247,000.00	0.00	0.00
Third Federal Savings 1.75 11/13/2023	88413QCJ5	11/12/2019	11/13/2023	1.750	247,000.00	0.00	0.00
Marlin Business Bank UT 1.7 12/4/2023	57116ATG3	12/2/2019	12/4/2023	1.700	249,000.00	359.52	0.00
Goldman Sachs NY 3.3 1/16/2024	38148P4E4	1/16/2019	1/16/2024	3.300	245,000.00	0.00	0.00
Morgan Stanley UT 3.05 1/31/2024	61690UDV9	1/31/2019	1/31/2024	3.050	246,000.00	0.00	0.00
Morgan Stanley NY 3.05 1/31/2024	61760AVF3	1/31/2019	1/31/2024	3.050	246,000.00	0.00	0.00
Capital One VA 2.65 5/22/2024	14042RLP4	5/22/2019	5/22/2024	2.650	246,000.00	0.00	0.00
Eaglebank MD 2.5 5/24/2024	27002YEN2	5/24/2019	5/24/2024	2.500	249,000.00	528.70	0.00
JPMorgan Chase OH 2.1 8/31/2024-20	48128H6D5	8/30/2019	8/31/2024	2.100	247,000.00	2,600.61	0.00
Commonwealth Bank & Trust KY 2 9/18/2024	202710AJ8	9/18/2019	9/18/2024	2.000	249,000.00	422.96	0.00
Sallie Mae Bank UT 1.9 10/16/2024	7954504P7	10/17/2019	10/16/2024	1.900	247,000.00	0.00	0.00
Celtic Bank UT 1.65 10/23/2024	15118RSV0	10/23/2019	10/23/2024	1.650	249,000.00	348.94	0.00
Parkside Financial Bank MO 1.85 10/23/2024	70147ADG6	10/23/2019	10/23/2024	1.850	249,000.00	391.24	0.00
Garnett State Bank 1.7 11/19/2024	366526AW1	11/19/2019	11/19/2024	1.700	249,000.00	359.52	0.00
Citizens State Bank 1.7 11/22/2024	176688CR8	11/22/2019	11/22/2024	1.700	249,000.00	359.52	0.00
Sub Total/Average					9,305,000.00	15,819.26	0.00
Union Bank - US Agency							
FNMA 1.35 4/27/2020-17	3136G4FP3	11/17/2016	4/27/2020	1.350	150,000.00	0.00	0.00
FFCB 1.625 12/1/2020-16	3133EGCP8	6/15/2016	12/1/2020	1.625	700,000.00	0.00	0.00
FFCB 1.42 1/12/2021-16	3133EGLH6	7/12/2016	1/12/2021	1.420	1,000,000.00	0.00	0.00
FFCB 1.58 2/17/2021-16	3133EGAZ8	11/18/2016	2/17/2021	1.580	1,000,000.00	7,900.00	0.00
FNMA 1.6 7/28/2021-16	3136G3J30	7/28/2016	7/28/2021	1.600	2,000,000.00	0.00	0.00
FNMA 1.6 7/28/2021-16	3136G3J30	7/28/2016	7/28/2021	1.600	1,000,000.00	0.00	0.00
FNMA 1.625 8/10/2021-16	3136G3N76	8/10/2016	8/10/2021	1.625	1,000,000.00	8,125.00	0.00
FHLB 1.68 8/25/2021-16	3134G93Q8	8/25/2016	8/25/2021	1.680	1,000,000.00	8,400.00	0.00
FHLB 2 11/10/2021-18	3130A9S44	11/10/2016	11/10/2021	2.000	750,000.00	0.00	0.00
FHLMC 1.65 11/22/2021-17	3134GAUB8	11/22/2016	11/22/2021	1.650	975,000.00	0.00	0.00
FNMA 1.375 9/6/2022	3135G0W33	11/8/2019	9/6/2022	1.375	500,000.00	0.00	0.00

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
FHLB 3 12/9/2022	3130AFE78	1/9/2019	12/9/2022	3.000	1,000,000.00	0.00	0.00
FFCB 2.125 6/5/2023	3133EKPT7	11/8/2019	6/5/2023	2.125	500,000.00	0.00	0.00
FAMC 3.05 9/19/2023	3132X06C0	1/9/2019	9/19/2023	3.050	500,000.00	0.00	0.00
FAMC 2.15 6/5/2024	31422BGA2	11/8/2019	6/5/2024	2.150	500,000.00	0.00	0.00
Sub Total/Average					12,575,000.00	24,425.00	0.00
Union Bank Account							
	MM2110	11/30/2013	N/A	N/A	4,621,097.86	0.00	0.00
Sub Total/Average					4,621,097.86	0.00	0.00
Total / Average					33,277,839.12	53,717.08	0.00

Mesa Water District
Portfolio Holdings
Investment Report | PARS Trust
Report Format: By CUSIP / Ticker
Group By: Portfolio Name
Average By: Market Value
Portfolio / Report Group: PARS OPEB Trust
As of 2/29/2020

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS OPEB Trust					
Columbia Contrarian Fund	19766M709	Mutual Fund	3,439.86	80,385.60	87,096.80
DFA Large Cap	233203868	Mutual Fund	2,841.16	60,001.43	60,345.84
Dodge & Cox International	256206103	Mutual Fund	980.66	39,216.88	37,313.38
Dodge & Cox Stock Fund	256219106	Mutual Fund	572.80	105,212.60	97,846.04
Doubleline Core Fix Income	258620301	Mutual Fund	9,573.96	104,443.62	108,568.59
Harbor Capital Appreciation	411512528	Mutual Fund	730.02	48,705.17	54,437.82
Hartford Schroders	41665X859	Mutual Fund	4,712.80	71,121.39	71,776.11
iShares Russell Mid Cap	464287499	Mutual Fund	1,489.00	41,762.23	80,525.12
iShares SP500	464287408	Mutual Fund	290.00	37,718.76	33,242.70
MFS International	552746356	Mutual Fund	1,155.88	33,016.17	39,149.31
PGIM Total Return Bond	74440B884	Mutual Fund	7,429.53	108,282.77	110,773.73
Pimco Total Return Fund	693390700	Mutual Fund	10,361.48	107,380.55	110,868.01
Price T Rowe Growth	741479406	Mutual Fund	754.47	45,489.26	53,364.36
Undiscovered	904504479	Mutual Fund	1,242.70	77,531.16	64,645.93
US Bank PARS - OPEB Trust MM	MM4900	Money Market	18,198.31	18,198.31	18,198.31
Vanguard Growth & Income	921913208	Mutual Fund	2,888.59	205,531.12	223,577.63
Vanguard Real Estate	922908553	Mutual Fund	674.00	57,774.74	58,860.42
Vanguard Short Term	922031836	Mutual Fund	3,747.88	39,258.21	40,701.88
Victory RS	92647Q363	Mutual Fund	968.72	74,260.98	73,777.93
Sub Total / Average PARS OPEB Trust			72,051.82	1,355,290.95	1,425,069.91
Total / Average			72,051.82	1,355,290.95	1,425,069.91

Mesa Water District
Portfolio Holdings
Investment Report | PARS Trust
Report Format: By CUSIP / Ticker
Group By: Portfolio Name
Average By: Market Value
Portfolio / Report Group: PARS Pension Trust
As of 2/29/2020

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
PARS Pension Trust					
Columbia Contrarian Fund	19766M709	Mutual Fund	31,383.61	811,737.20	794,632.72
DFA Large Cap	233203868	Mutual Fund	27,484.03	580,299.28	583,760.80
Dodge & Cox International	256206103	Mutual Fund	9,600.25	426,638.19	365,290.12
Dodge & Cox Stock Fund	256219106	Mutual Fund	5,387.58	1,069,268.13	920,307.10
Doubline Core Fix Income	258620301	Mutual Fund	90,729.74	987,170.97	1,028,875.04
Harbor Capital Appreciation	411512528	Mutual Fund	6,251.69	452,385.08	466,188.53
Hartford Schroders	41665X859	Mutual Fund	45,266.49	684,360.41	689,408.67
iShares Russell Mid Cap	464287499	Mutual Fund	13,745.00	338,507.80	743,329.60
iShares SP500	464287408	Mutual Fund	2,762.00	359,284.92	316,608.06
MFS International	552746356	Mutual Fund	11,111.56	368,712.01	376,348.83
PGIM Total Return Bond	74440B884	Mutual Fund	69,153.75	1,003,302.57	1,031,082.50
Pimco Total Return Fund	693390700	Mutual Fund	96,750.28	990,972.06	1,035,227.95
Price T Rowe Growth	741479406	Mutual Fund	6,596.41	437,102.78	466,564.28
Undiscovered	904504479	Mutual Fund	12,533.52	820,293.47	651,993.35
US Bank PARS - Pension Trust MM	MM4901	Money Market	184,077.17	184,077.17	184,077.17
Vanguard Growth & Income	921913208	Mutual Fund	26,564.58	2,044,907.55	2,056,097.72
Vanguard Real Estate	922908553	Mutual Fund	6,000.00	506,486.60	523,980.00
Vanguard Short Term	922031836	Mutual Fund	35,492.21	370,768.90	385,445.32
Victory RS	92647Q363	Mutual Fund	8,732.16	668,095.79	665,041.91
Sub Total / Average PARS Pension Trust			689,622.03	13,104,370.88	13,284,259.67
Total / Average			689,622.03	13,104,370.88	13,284,259.67

Mesa Water District
 Transactions Summary
 PARS Monthly Treasurer's Status Report - Investment Activity
 Group By: Action
 Portfolio / Report Group: PARS OPEB Trust
 Begin Date: 01/31/2020, End Date: 02/29/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Pimco Total Return Fund	693390700	0.000	2/29/2020	N/A	23.005	246.15	0.00	246.15
PGIM Total Return Bond	74440B884	0.000	2/29/2020	N/A	17.781	265.11	0.00	265.11
Vanguard Short Term	922031836	0.000	2/29/2020	N/A	7.695	83.57	0.00	83.57
Sub Total / Average Buy					48.481	594.83	0.00	594.83
Dividend								
Doubeline Core Fix Income	258620301	0.000	2/4/2020	N/A	0.00	0.00	272.91	272.91
Pimco Total Return Fund	693390700	0.000	2/29/2020	N/A	0.00	0.00	246.15	246.15
PGIM Total Return Bond	74440B884	0.000	2/29/2020	N/A	0.00	0.00	265.11	265.11
Vanguard Short Term	922031836	0.000	2/29/2020	N/A	0.00	0.00	83.57	83.57
Sub Total / Average Dividend					0.00	0.00	867.74	867.74
Interest								
US Bank PARS - OPEB Trust MM	MM4900	0.000	2/29/2020	N/A	0.00	0.00	0.01	0.01
US Bank PARS - OPEB Trust MM	MM4900	0.000	2/29/2020	N/A	0.00	0.00	23.56	23.56
Sub Total / Average Interest					0.00	0.00	23.57	23.57

Mesa Water District
Transactions Summary
PARS Monthly Treasurer's Status Report - Investment Activity
Group By: Action
Portfolio / Report Group: PARS Pension Trust
Begin Date: 01/31/2020, End Date: 02/29/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Buy								
Hartford Schroders	41665X859	0.000	2/19/2020	N/A	2,014.069	33,493.97	0.00	33,493.97
iShares SP500	464287408	0.000	2/19/2020	N/A	33.00	4,338.35	0.00	4,338.35
DFA Large Cap	233203868	0.000	2/19/2020	N/A	802.769	18,865.08	0.00	18,865.08
Undiscovered	904504479	0.000	2/19/2020	N/A	862.651	51,733.20	0.00	51,733.20
Dodge & Cox Stock Fund	256219106	0.000	2/19/2020	N/A	8.402	1,665.09	0.00	1,665.09
Pimco Total Return Fund	693390700	0.000	2/19/2020	N/A	604.366	6,370.02	0.00	6,370.02
Dodge & Cox International	256206103	0.000	2/19/2020	N/A	391.145	16,768.37	0.00	16,768.37
PGIM Total Return Bond	74440B884	0.000	2/19/2020	N/A	77.36	1,141.84	0.00	1,141.84
MFS International	552746356	0.000	2/19/2020	N/A	257.034	9,564.22	0.00	9,564.22
Vanguard Short Term	922031836	0.000	2/19/2020	N/A	531.627	5,736.25	0.00	5,736.25
Doubeline Core Fix Income	258620301	0.000	2/19/2020	N/A	821.059	9,236.91	0.00	9,236.91
Sub Total / Average Buy					6,403.482	158,913.30	0.00	158,913.30
Dividend								
Doubeline Core Fix Income	258620301	0.000	2/4/2020	N/A	0.00	0.00	2,562.85	2,562.85
Pimco Total Return Fund	693390700	0.000	2/29/2020	N/A	0.00	0.00	2,294.61	2,294.61
PGIM Total Return Bond	74440B884	0.000	2/29/2020	N/A	0.00	0.00	2,472.29	2,472.29
Vanguard Short Term	922031836	0.000	2/29/2020	N/A	0.00	0.00	785.43	785.43
Sub Total / Average Dividend					0.00	0.00	8,115.18	8,115.18
Interest								
US Bank PARS - Pension Trust MM	MM4901	0.000	2/29/2020	N/A	0.00	0.00	0.11	0.11
US Bank PARS - Pension Trust MM	MM4901	0.000	2/29/2020	N/A	0.00	0.00	218.74	218.74
Sub Total / Average Interest					0.00	0.00	218.85	218.85
Sell								
Vanguard Growth & Income	921913208	0.000	2/19/2020	N/A	562.135	49,928.83	0.00	49,928.83
Vanguard Real Estate	922908553	0.000	2/19/2020	N/A	338.00	33,258.46	0.00	33,258.46
Columbia Contrarian Fund	19766M709	0.000	2/19/2020	N/A	917.97	26,520.15	0.00	26,520.15
Price T Rowe Growth	741479406	0.000	2/19/2020	N/A	488.911	39,523.57	0.00	39,523.57
Victory RS	92647Q363	0.000	2/19/2020	N/A	365.253	31,652.82	0.00	31,652.82

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Harbor Capital Appreciation	411512528	0.000	2/19/2020	N/A	603.956	51,807.35	0.00	51,807.35
iShares Russell Mid Cap	464287499	0.000	2/19/2020	N/A	241.00	14,935.63	0.00	14,935.63
Sub Total / Average Sell					3,517.225	247,626.81	0.00	247,626.81



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Syndie Ly, Human Resources Manager
DATE: May 14, 2020
SUBJECT: Quarterly Training Report

RECOMMENDATION

Receive the Quarterly Training Report for January 1, 2020 to March 31, 2020.

STRATEGIC PLAN

Goal #5: Attract and retain skilled employees.

DISCUSSION

As part of the Board of Director's (Board) approved 2019 Strategic Plan Goal #5 – Attract and retain skilled employees, Objective B is to Build Employee Skills, specifically the following:

- Fully train a minimum of two employees in key processes to ensure accountability and sustainability
- Develop and implement an operational and institutional knowledge transfer plan

Outcome 3 calls for providing quarterly training reports to the Board.

Attached is the Quarterly Training Report for January 1, 2020 to March 31, 2020. In addition to the training listed on the report, staff also conducts safety training for all employees and Monday Morning Tailgate Talks for Water Operations, Engineering and Customer Services field staff.

The Tailgate Talks for this quarter included the following topics:

- Safe Fuel Handling Practices
- Keeping Chemical Deliveries Safe
- Spill Prevention Control and Countermeasure (SPCC) Training
- Don't Get in a Bind with a Backhoe
- Asbestos Quiz
- Elevated Surfaces and Fall Protection Video
- SPCC Training Reminders
- Setting Up a Safe Traffic Control Zone
- Hold on to Hand Safety
- Eyes on Safety
- Emergency Action Plan Quiz
- Handling the Load: Forklift Safety
- Be Prepared in an Emergency

The Safety Training program included the following topics:

- Traffic Control and Flagger
- New Hire Safety Training
- Trenching and Excavation
- Forklift Classroom and Practical



- AC Pipe Refresher
- AC Pipe Initial
- Fire Extinguisher Refresher
- Respirator Fit Test

Below are the required continuing education hours needed, over a three-year period, for each Distribution and Treatment Certification Renewal held by staff:

Distribution and Treatment Certification Renewals – Required Continuing Education Hours (within the last three years)				
Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
12 hours	16 hours	24 hours	36 Hours	36 hours

FINANCIAL IMPACT

The cost for the training is budgeted each fiscal year, per department or in the overall safety budget.

ATTACHMENTS

Attachment A: Quarterly Training Report for January 1, 2020 to March 31, 2020



FY20 Quarterly Training Report

3rd Quarter January 1, 2020 - March 31, 2020

Position	Department	Date of Training	Type of Training	Organization
Water Quality & Compliance Supervisor	Operations	1/6 - 10/2020	Cross Connection Specialist Course	CA-NV AWWA
Human Resources Analyst	Human Resources	1/9/2020	DOT D&A Clearinghouse: How does it affect your recordkeeping?	J.J. Keller
Department Assistant	Administrative Services	1/14/2020	Reasonable Suspicion of Alcohol for Supervisors	Target Solutions
Department Assistant	Administrative Services	1/15/2020	Reasonable Suspicion of Drugs for Supervisors	Target Solutions
Executive Assistant to the General Manager Office Assistant Records Management Specialist	Administrative Services	1/16/2020	The Brown Act: The People's Business and the Right to Access Webinar	Best Best & Krieger
Human Resources Analyst(s) Human Resources Manager	Human Resources	1/21/2020	AB 5 Independent Contractors: How Does It Impact Your Agency?	Liebert Cassidy Whitmore
Senior Civil Engineer	Engineering	1/21-5/15/2020	MPA classes Government Budgeting and Strategic Planning	CSULB
Human Resources Analyst	Human Resources	1/22/2020	Academy for Leaders/Leadership Skill Building Day 1	Regional Government Services
Water Quality & Compliance Supervisor	Operations	1/24/2020	CA Anti-Harassment Training for Supervisors & Managers (SB1343/AB1825)	Target Solutions
Water Use Efficiency Analyst	Customer Services	1/27 - 28/2020	California Irrigation Institute Conference	California Irrigation Institute
Field Customer Service Representative II(s)	Customer Services	2/6/2020	Confined Space Entry Attendant Training	Baker Rescue Services
Buyer	Financial Services	2/11/2020	CAPPO Workshop: How to Survive and Recover from a Complete IT Systems Meltdown	CAPPO
Buyer	Financial Services	2/17/2020	Construction Procurement	CAPPO
Buyer	Financial Services	2/18/2020	Electronic Signature Processing	CAPPO



FY20 Quarterly Training Report

3rd Quarter January 1, 2020 - March 31, 2020

Position	Department	Date of Training	Type of Training	Organization
Buyer	Financial Services	2/18/2020	Getting to Why: An alternative to numeric scoring	CAPPO
Customer Service Representative II	Customer Services	2/19/2020	800 MHz Radio Training	Weroc
Buyer	Financial Services	2/19/2020	We saved you a seat: Become the FEMA Procurement Expert your Team can't do without	CAPPO
Buyer	Financial Services	2/19/2020	The Tough Stuff: Conflict, Negotiations and Protests	CAPPO
Buyer	Financial Services	2/20/2020	The logic of effective solicitations	CAPPO
Human Resources Analyst	Human Resources	2/26/2020	Academy for Leaders/Leadership Skill Building Day 2	Regional Government Services
Open to All Staff	All Departments	3/3/2020	Conflict of Interest Training	AALRR
Executive Assistant to the General Manager	Administrative Services	3/10/2020	AlertOC Training	Orange County Emergency Operations Center
Executive Assistant to the General Manager Office Assistant Records Management Specialist	Administrative Services	3/18/2020	Brown Act Compliance During Pandemic Webinar	California Special Districts Association
Human Resources Analyst(s) Human Resources Manager	Human Resources	3/19/2020	Employment Issues for Public Employers During the COVID-19 Pandemic	Liebert Cassidy Whitmore
Department Assistant	Administrative Services	3/19/2020	Guidelines for Special Districts Moving to Remote Meetings	Streamline
Water Quality Technician I	Operations	3/23/2020	CANV Backflow Prevention and Cross Connection Control	AWWA
Water Quality Technician I	Operations	3/23/2020	CANV Disinfection and Water Quality Treatment (Plant to Tap)	AWWA
Water Quality Technician I	Operations	3/23/2020	CANV Recycled Water & Water Reuse	AWWA



FY20 Quarterly Training Report

3rd Quarter January 1, 2020 - March 31, 2020

Position	Department	Date of Training	Type of Training	Organization
Operator I	Operations	3/24/2020	Water Industry Water Main Installation	AWWA
Department Assistant	Administrative Services	3/25/2020	Responding to the Coronavirus - HR Perspective	California Special Districts Association
Senior Operator	Operations	3/25/2020	Water Industry Laboratory Safety	AWWA
Human Resources Analyst(s) Human Resources Manager	Human Resources	3/26/2020	Families First Coronavirus Response Act	Fisher Phillips
Human Resources Analyst	Human Resources	3/27/2020	Coronavirus Posting Compliance: New requirements and best practices for remote employees	J.J. Keller
Field Customer Service Representative II	Customer Services	3/31/2020	CANV Water Use Efficiency Grade 1 Part 1	AWWA
Facility Maintenance Worker I	Operations	3/31/2020	Water Industry Ground Water Treatment	AWWA
Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Advanced HAZWOPER Awareness (MOD #1)	AWWA
Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Advanced HAZWOPER Awareness (MOD #2)	AWWA
Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Advanced HAZWOPER Awareness (MOD #3)	AWWA
Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Advanced HAZWOPER Awareness (MOD #4)	AWWA
Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Back Injury Prevention	AWWA
Facility Maintenance Worker I Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Backflow Prevention Methods	AWWA



FY20 Quarterly Training Report

3rd Quarter January 1, 2020 - March 31, 2020

Position	Department	Date of Training	Type of Training	Organization
Facility Maintenance Worker I Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Backflow Prevention Overview	AWWA
Facility Maintenance Worker I Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Coagulation, Flocculation and Sedimentation	AWWA
Operator I(s)	Operations	Various dates in March 2020	Water Industry Corrosion Control	AWWA
Facility Maintenance Worker I Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Disinfection Basics	AWWA
Operator I(s)	Operations	Various dates in March 2020	Water Industry Distribution Service to Customers	AWWA
Operator I Facility Maintenance Worker I	Operations	Various dates in March 2020	Water Industry Distribution System Materials and Equipment	AWWA
Field Customer Service Representative II	Customer Services	Various dates in March 2020	Water Industry Emergency Response to Terrorism (MOD #1), (MOD #2), (MOD #3) & (MOD #4)	AWWA
Facility Maintenance Worker I Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Eye Safety	AWWA
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Fall Protection	AWWA
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Fire Extinguisher Safety	AWWA
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Fire Prevention Safety	AWWA
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry HAZMAT Spill Prevention & Control	AWWA



FY20 Quarterly Training Report

3rd Quarter January 1, 2020 - March 31, 2020

Position	Department	Date of Training	Type of Training	Organization
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Hearing Conservation	AWWA
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Ladder & Scaffolding Safety	AWWA
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Lock-Out / Tag-Out	AWWA
Field Customer Service Representative II	Customer Services	Various dates in March 2020	Water Industry Machine Guarding	AWWA
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Materials Handling, Storage, Use, & Disposal	AWWA
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Personal Protective Equipment	AWWA
Field Customer Service Representative II	Customer Services	Various dates in March 2020	Water Industry Radiation Safety	AWWA
Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Respiratory Protection	AWWA
Operator I(s) Senior Operator(s)	Operations	Various dates in March 2020	Water Industry Slips, Trips, and Falls Prevention	AWWA
Facility Maintenance Worker I Operator I	Operations	Various dates in March 2020	Water Industry Storm Water Pollution Prevention	AWWA
Facility Maintenance Worker I Operator I	Operations	Various dates in March 2020	Water Industry Trenching & Shoring	AWWA
Field Customer Service Representative II Operator I(s) Senior Operator(s)	Customer Services Operations	Various dates in March 2020	Water Industry Hazard Communication	AWWA

**MESA CONSOLIDATED WATER DISTRICT
IMPROVEMENT CORPORATION
SPECIAL MEETING
1965 Placentia Avenue, Costa Mesa, CA 92627
Thursday, May 14, 2020 at 6:00 p.m.**

AGENDA

CALL TO ORDER – 6:00 p.m. or as soon thereafter as the Mesa Water District agenda permits.

PUBLIC COMMENTS

ITEMS TO BE WITHDRAWN OR REORDERED ON THE AGENDA

ACTION ITEMS:

A. **ISSUANCE OF 2020 REVENUE CERTIFICATES OF PARTICIPATION:**

Recommendation: Adopt Resolution No. 2020-1 of the Mesa Consolidated Water District Improvement Corporation Board of Directors Authorizing the Preparation, Sale and Delivery of Revenue Certificates of Participation, Approving Certain Documents as Described in the Resolution With Respect Thereto and Authorizing Certain Actions in Connection Therewith.

In compliance with California law and the Americans with Disabilities Act, if you need disability-related modifications or accommodations, including auxiliary aids or services in order to participate in the meeting, or if you need the agenda provided in an alternative format, please contact the District Secretary at (949) 631-1206. Notification 48 hours prior to the meeting will enable Mesa Water District (Mesa Water) to make reasonable arrangements to accommodate your requests.

Members of the public desiring to make verbal comments utilizing a translator to present their comments into English shall be provided reasonable time accommodations that are consistent with California law.

Agenda materials that are public records, which have been distributed to a majority of the Mesa Water Board of Directors (Board), will be available for public inspection at the District Boardroom, 1965 Placentia Avenue, Costa Mesa, CA and on Mesa Water's website at www.MesaWater.org. If materials are distributed to the Board less than 72 hours prior or during the meeting, the materials will be available at the time of the meeting.

ADJOURNMENT



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: MCWDIC Board of Directors
FROM: Marwan Khalifa, CPA, MBA, Chief Financial Officer
DATE: May 14, 2020
SUBJECT: Issuance of 2020 Revenue Certificates of Participation

RECOMMENDATION

Adopt Resolution No. 2020-1 Authorizing the Preparation, Sale and Delivery of Revenue Certificates of Participation, Approving Certain Documents as Described in the Resolution With Respect Thereto and Authorizing Certain Actions in Connection Therewith.

STRATEGIC PLAN

Goal #3: Be financially responsible and transparent.

PRIOR BOARD ACTION/DISCUSSION

At its November 14, 2019 workshop, the Board of Directors (Board) provided direction to staff to develop funding options to complete the next phase of projects from the 2014 Capital Improvement Program Master Plan Update.

At its February 18, 2020 meeting, the Board recommended approval of the proposed Capital Improvement Program Renewal (CIPR) and directed staff to come back with financing options.

At its March 12, 2020 meeting, the Board received the proposed schedule for the Issuance of Certificates of Participation (COPs) and authorized staff to proceed with the issuance of COPs to fund \$70MM in capital improvements.

DISCUSSION

At the recommendation of Fieldman, Rolapp & Associates (FRA) - Mesa Water District's (Mesa Water) municipal advisor - staff issued a Request for Proposals (RFP) to six investment banking firms to underwrite the COPs. Proposals were received from five qualified firms: Morgan Stanley, JP Morgan, Citigroup, Wells Fargo and BofA Securities (BAS). The selection team believed all five firms were capable to underwrite the deal; bids ranged from \$2.69/bond to \$4.36/bond, including adjustments for market volatility. BAS was selected based upon its qualifications to underwrite California revenue-based tax-exempt COPs and fees (BAS provided the lowest fee).

A team was then assembled - comprised of Stradling, Yocca, Carlson & Rauth (as Special Counsel); FRA; BAS; Atkinson, Andelson, Loya, Ruud, & Romo (as General Counsel); and staff – to develop the documentation necessary to create the legal structure of the COPs, a structure similar in nature to past transactions sold by Mesa Water. Additionally, the team developed a Preliminary Official Statement (POS), which is Mesa Water's disclosure document that BAS will use to sell the COPs to investors.

On April 30, 2020, Mesa Water's strong credit features and the COPs' structure was provided to Standard & Poor's Global Ratings and Fitch Ratings through the presentation team of Mesa Water Board President Shawn Dewane, MCWDIC President and Finance Committee Chair



James Fisler, General Manager Paul Shoenberger and Chief Financial Officer Marwan Khalifa, CPA. Credit ratings are expected to be available by May 13.

As of May 7, 2020, market conditions for the proposed COPs indicate a true-interest-cost of 3.25%; total payments on the proposed issuance over thirty years would be approximately \$114.4MM. The structure of the COPs is designed to maintain customer rates within levels as adopted in November 2017 and debt service coverage levels expected of a AAA-rated utility.

Funding the \$70MM Capital Improvement Program through the issuance of COPs will assist Mesa Water in reaching the Board's target for Days' Cash and Cash on Hand by the end of Fiscal Year 2023. Mesa Water will also maintain the Board's target of debt coverage and all required legal targets of debt coverage.

Mesa Consolidated Water District Improvement Corporation (MCWDIC) will assist in the financing and acquisition of water system improvements on behalf of Mesa Water District. The MCWDIC Board will, in adopting Resolution No. 2020-1, be approving the following documents:

1. Certificates Purchase Contract;
2. Trust Agreement;
3. Installment Sale Agreement; and
4. Assignment Agreement.

Staff will provide a presentation to the Board at the May 14, 2020 meeting; all members of the Finance team will be available for questions.

FINANCIAL IMPACT

There is no direct financial impact to Mesa Consolidated Water District Improvement Corporation as the costs associated with the refunding are paid from the proceeds of the debt issuance.

ATTACHMENTS

Attachment A: Resolution No. 2020-1, Draft

RESOLUTION NO. 2020-1

RESOLUTION OF THE MESA CONSOLIDATED WATER DISTRICT IMPROVEMENT CORPORATION BOARD OF DIRECTORS AUTHORIZING THE PREPARATION, SALE AND DELIVERY OF REVENUE CERTIFICATES OF PARTICIPATION, APPROVING CERTAIN DOCUMENTS WITH RESPECT THERETO AND AUTHORIZING CERTAIN ACTIONS IN CONNECTION THEREWITH

WHEREAS, the Mesa Consolidated Water District Improvement Corporation (Corporation) is a nonprofit public benefit corporation organized and existing under the laws of the State of California with the authority to assist in the financing of the acquisition of water system improvements on behalf of the Mesa Water District (District); and

WHEREAS, the District and the Corporation desire to enter into an Installment Purchase Agreement by and between the District and the Corporation (Installment Purchase Agreement), the form of which has been presented to the Board of Directors (Board) at this meeting, pursuant to which the Corporation will assist the District financially in acquiring certain water system improvements and pursuant to which the District will pay certain installment payments which will be pledged to the owners of certain certificates of participation (Certificates) by the Corporation pursuant to a Trust Agreement by and among U.S. Bank National Association, as trustee (Trustee), the District and the Corporation (Trust Agreement), the form of which has been presented to the Board of Directors at this meeting;

WHEREAS, the Corporation will assign to the Trustee payments under the Installment Purchase Agreement, such assignment to be made pursuant to an Assignment Agreement by and between the Corporation and the Trustee (Assignment Agreement), the form of which has been presented to the Board of Directors at this meeting; and

WHEREAS, the Corporation and the District have determined that it may be in the best interests of the Corporation, the District, and customers served by the District to authorize the preparation, sale and delivery of the Certificates pursuant to a Purchase Contract (Purchase Contract) by and between the District and the underwriter listed therein, and acknowledged by the Corporation to finance the purposes listed in Section 1 below;

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE MESA CONSOLIDATED WATER DISTRICT IMPROVEMENT CORPORATION DOES HEREBY RESOLVE, DETERMINE, AND ORDER AS FOLLOWS:

Section 1. The Board hereby authorizes the preparation, sale and delivery of the Certificates in an aggregate principal amount not to exceed \$70,000,000 for the purposes listed in (i) through (iii) below in accordance with the terms and provisions of the Trust Agreement. The purposes for which the proceeds of the sale of the Certificates shall be expended are: (i) to acquire and/or construct certain improvements to the District's water system, as described in the Installment Purchase Agreement; (ii) to reimburse the District for costs previously expended on certain water system improvements, as described in the Installment Purchase Agreement; and (iii) to pay certain costs of the sale and delivery of the Certificates, all in accordance with the terms and provisions of the Trust Agreement.

Section 2. The forms of the Installment Purchase Agreement, Assignment Agreement, Trust Agreement and the Purchase Contract (collectively, the Agreements) presented at this meeting are approved. The President or Vice President of the Corporation or the President's designee (each an Authorized Representative) is individually authorized and directed to execute and deliver said Agreements. The Agreements shall be executed in substantially the forms hereby approved, with such additions thereto and changes therein as are recommended or approved by Stradling Yocca Carlson & Rauth, a Professional Corporation, as Special Counsel to the District, and approved by the Authorized Representative executing the Agreements, with such approval to be conclusively evidenced by the execution and delivery or acknowledgement thereof.

Section 3. The Board acknowledges that the good faith estimates of costs required by Section 5852.1 of the California Government Code are disclosed in the staff report and are available to the public at the meeting of the Board at which this Resolution is approved.

Section 4. Each Authorized Representative and the Corporation Secretary, and such other officers of the Corporation are authorized and directed, individually, to do any and all things and to execute and deliver any and all documents, which they may deem necessary or advisable in order to consummate the sale and delivery of the Certificates, the delivery of the Agreements, and otherwise effectuate the purposes of this Resolution, and such actions previously taken by such Authorized Representative and Corporation Secretary are hereby ratified and confirmed.

Section 5. This Resolution shall take effect immediately.

Section 6. All recitals in this Resolution are true and correct and the Board so finds, determines and represents.

ADOPTED, SIGNED, and APPROVED this 14th day of May 2020 by a roll call vote.

AYES: DIRECTORS:
NOES: DIRECTORS:
ABSENT: DIRECTORS:
ABSTAIN: DIRECTORS:

James R. Fisler
President, Board of Directors

Denise Garcia
Corporation Secretary

DRAFT



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Marwan Khalifa, CPA, MBA, Chief Financial Officer
DATE: May 14, 2020
SUBJECT: Issuance of 2020 Revenue Certificates of Participation

RECOMMENDATION

Adopt:

- a. Resolution No. 1530 Establishing a Debt Management Policy Superseding Resolution No. 1488;
- b. Resolution No. 1531 Adopting the Debt Disclosure Policy Superseding Resolution No. 1492; and
- c. Resolution No. 1532 Authorizing the Execution and Delivery of Revenue Certificates of Participation and Approving the Execution and Delivery of Certain Documents as Described in the Resolution in Connection Therewith and Certain Other Matters.

STRATEGIC PLAN

Goal #3: Be financially responsible and transparent.

PRIOR BOARD ACTION/DISCUSSION

At its November 14, 2019 workshop, the Board of Directors (Board) provided direction to staff to develop funding options to complete the next phase of projects from the 2014 Capital Improvement Program Master Plan Update.

At its February 18, 2020 meeting, the Board recommended approval of the proposed Capital Improvement Program Renewal (CIPR) and directed staff to come back with financing options.

At its March 12, 2020 meeting, the Board received the proposed schedule for the Issuance of Certificates of Participation (COPs) and authorized staff to proceed with the issuance of COPs to fund \$70MM in capital improvements.

DISCUSSION

At the recommendation of Fieldman, Rolapp & Associates (FRA) - Mesa Water District's (Mesa Water) municipal advisor - staff issued a Request for Proposals (RFP) to six investment banking firms to underwrite the COPs. Proposals were received from five qualified firms: Morgan Stanley, JP Morgan, Citigroup, Wells Fargo and BofA Securities (BAS). The selection team believed all five firms were capable to underwrite the deal; bids ranged from \$2.69/bond to \$4.36/bond, including adjustments for market volatility. BAS was selected based upon its qualifications to underwrite California revenue-based tax-exempt COPs and fees (BAS provided the lowest fee).

A team was then assembled - comprised of Stradling, Yocca, Carlson & Rauth (as Special Counsel); FRA; BAS; Atkinson, Andelson, Loya, Ruud, & Romo (as General Counsel); and staff - to develop the documentation necessary to create the legal structure of the COPs, a structure similar in nature to past transactions sold by Mesa Water. Additionally, the team developed a



Preliminary Official Statement (POS), which is Mesa Water's disclosure document that BAS will use to sell the COPs to investors.

On April 30, 2020, Mesa Water's strong credit features and the COPs' structure was provided to Standard & Poor's Global Ratings and Fitch Ratings through the presentation team of Mesa Water Board President Shawn Dewane, MCWDIC President and Finance Committee Chair James Fisler, General Manager Paul Shoenberger and Chief Financial Officer Marwan Khalifa, CPA. Credit ratings are expected to be available by May 13.

As of May 7, 2020, market conditions for the proposed COPs indicate a true-interest-cost of 3.25%; total payments on the proposed issuance over thirty years would be approximately \$114.4MM. The structure of the COPs is designed to maintain customer rates within levels as adopted in November 2017 and debt service coverage levels expected of a AAA-rated utility.

Funding the \$70MM Capital Improvement Program through the issuance of COPs will assist Mesa Water in reaching the Board's target for Days' Cash and Cash on Hand by the end of Fiscal Year 2023. Mesa Water will also maintain the Board's target of debt coverage and all required legal targets of debt coverage.

The Mesa Water Board will, in adopting Resolution Nos. 1530, 1531, and 1532, be approving the following documents:

1. Amendment to Debt Management Policy;
2. Amendment to Debt Disclosure Policy;
3. Installment Purchase Agreement;
4. Trust Agreement;
5. Certificates Purchase Contract;
6. Continuing Disclosure Certificate; and
7. Preliminary Official Statement.

Staff will provide a presentation to the Board at the May 14, 2020 meeting; all members of the Finance team will be available for questions.

FINANCIAL IMPACT

There is no direct financial impact to Mesa Water District as the costs associated with the refunding are paid from the proceeds of the debt issuance.

ATTACHMENTS

- Attachment A: Resolution No. 1530, Draft
- Attachment B: Resolution No. 1488, Redline
- Attachment C: Resolution No. 1531, Draft
- Attachment D: Resolution No. 1492, Redline
- Attachment E: Resolution No. 1532, Draft

RESOLUTION NO. 1530

**RESOLUTION OF THE
MESA WATER DISTRICT BOARD OF DIRECTORS
ESTABLISHING A DEBT MANAGEMENT POLICY
SUPERSEDING RESOLUTION NO. 1488**

WHEREAS, the Mesa Water District (Mesa Water® or District) is a county water district organized and operating pursuant to the provisions of the laws of the State of California (State or California); and

WHEREAS, Mesa Water has a long history of prudent practices relating to debt issuance and desires to memorialize these past and current practices in a formal debt management policy; and

WHEREAS, the District's principal goal in issuing debt is to provide for the infrastructure needs of its customers, while ensuring that debt is managed prudently.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE MESA WATER DISTRICT DOES HEREBY RESOLVE, DETERMINE, AND ORDER AS FOLLOWS:

Section 1. The Board of Directors of the Mesa Water District hereby adopts the attached Debt Management Policy (Appendix A) as set forth in this Resolution.

Section 2. Resolution No. 1488 shall be superseded by this Resolution upon the adoption hereof.

ADOPTED, SIGNED, and APPROVED this 14th day of May 2020 by a roll call vote.

AYES: DIRECTORS:
NOES: DIRECTORS:
ABSENT: DIRECTORS:
ABSTAIN: DIRECTORS:

Shawn Dewane
President, Board of Directors

Denise Garcia
District Secretary

RESOLUTION NO. 1530

APPENDIX A

RESOLUTION OF THE MESA WATER DISTRICT BOARD OF DIRECTORS ESTABLISHING A DEBT MANAGEMENT POLICY SUPERSEDING RESOLUTION NO. 1488

I. POLICY OVERVIEW

Debt issuance for Mesa Water District (Mesa Water® or District) follows four time-honored principles to safeguard the public's trust in the agency they created and its use of their money:

A. Transparency of Purpose

- i. Debt is issued for specific objectives approved by the elected Board of Directors (Board).

B. Simplicity of Structure

- i. Debt structure is fixed rate or a blend of fixed rates (e.g. multiple sales that result in a series of fixed-rate instruments).

C. Brevity of Duration

- i. Longer durations increase the total cost paid by the ratepayers for an asset.

D. Rarity of Use

- i. The normal method of accomplishing the financial goals of an agency is funding the activities from rates and long term accumulation of capital, which spreads out the cost over the long term.
- ii. Debt issuances are used when the Board of Directors has determined that issuing debt is appropriate.

Adherence to a debt policy helps ensure that existing debt is managed and that new debt is issued prudently. Actions of the Chief Financial Officer (CFO) and other District Officers regarding debt issuance and disclosures are reported to the Board of Directors regularly at the Board's Finance Committee meetings as necessary to ensure rapid, comprehensive, and complete disclosure to the Governing Body, which has full authority to take actions it deems necessary with regard to debt.

II. PURPOSES FOR WHICH DEBT MAY BE ISSUED

At Mesa Water, the normal method of paying for capital replacement projects is by using current revenues, designated funds/reserves, or unrestricted working capital cash. While it is often asserted that debt financing can distribute the cost of a project over its useful life, it always increases the total amount of funds expended compared to paying directly from reserves or from current revenues. The majority of the value of a water system's assets (e.g. pipes) last longer than the term of a typical debt issuance by a factor of three or more. Therefore, one generation pays more for the asset (principal and interest) than it would have cost had funds been accumulated over a longer period. Contrarily, accumulation of designated funds reduces the required sum of funds as accumulated funds accrue interest. The effect of compounded interest over the very long life of water pipes in particular is enormous. Nevertheless, for assets with shorter lives (e.g. well pumps), debt financing may be appropriate. Debt financing may be used for capital construction and improvements, equipment leases, expansion of facilities and other infrastructure improvements not funded from current revenues or capital reserves. Occasionally, debt can be combined with the normal method if insufficient funds are available from non-debt sources.

A. Capital Plan

The District prepares a Capital Plan (typically five-year and may be longer as determined by the Board of Directors) as a financial planning and management tool, which is updated in conjunction with typically five-year water rate studies. The Capital Plan lists proposed capital projects and capital acquisitions for the period. For each project/acquisition, the Capital Plan contains a project description, justification, documentation, and an estimate of the expenditures.

- i. The Capital Plan process includes a complete analysis of the anticipated sources of funds for future capital projects, and the resulting effect of long-term financing on the District's credit rating to ensure that the proposed debt issuance does not negatively affect the District's credit rating.
- ii. The District may plan long and short-term debt issuance to finance its capital plan based on its cash flow needs, sources of revenue, capital construction periods, available financing instruments and market conditions. In strict compliance with policy direction from the Board of Directors, the CFO oversees and coordinates the timing and issuance process of the District's borrowing and capital funding activities required in support of the Capital Plan. The CFO reports activities to the Board of Directors regularly at the Board's Finance Committee meetings and at other times as necessary to ensure rapid, comprehensive, and complete disclosure to the Governing Body, which has full authority to take actions it deems necessary with regard to debt.

- iii. As part of the Capital Plan, the District sets aside sufficient current revenues to finance ongoing maintenance needs and to provide periodic refurbishment and replacement of capital assets consistent with its perpetual agency philosophy of keeping its capital facilities and infrastructure systems in good repair and providing for the orderly replacement of capital facilities.
- iv. Mesa Water recognizes that changing circumstances require flexibility and revision and that anticipating every future contingency is unrealistic. When adjustments to debt plans become necessary, the reasons will be well documented to demonstrate that the District's commitment to sound debt management remains unchanged. Such changing circumstances shall be reported to the Board of Directors regularly at the Board's Finance Committee meetings and at other times as necessary to ensure rapid, comprehensive, and complete disclosure to the Governing Body, which has full authority to take actions it deems necessary with regard to debt.

B. Refunding

A refunding is generally the underwriting of a new bond issue whose proceeds are used to redeem an outstanding issue. Key definitions are described as follows:

- i. Advance Refunding – The issuance of a new refunding bond occurs to pay the debt service of an existing bond issuance that remains outstanding for more than 90 days after the issuance of new refunding bonds. Bond proceeds from an advance refunding are invested in an escrow account in a portfolio of U.S. government securities structured to provide enough cash flow to pay debt service on the refunded bonds until the bonds mature or are called.
- ii. Current Refunding – If an existing bond issuance has less than 90 days prior to maturity or a call date, a current refunding is used to issue new bonds. During a current refunding, the duration of the escrow is 90 days or less. Bond proceeds from a current refunding directly pay the outstanding balance of the existing bonds.

Mesa Water District will generally consider refunding issuances as follows:

- Current Refunding of outstanding bonds only if the present value savings are at least 3 percent of the par amount of the refunded bonds.
- Advance Refunding of outstanding bonds only if the present value savings are at least 5 percent of the par amount of the refunded bonds.
- If the bonds to be refunded have restrictive or outdated covenants, or if restructuring debt is deemed in the best interest of the District.

The following factors shall be used as a guideline to determine the minimum savings in each instance:

- Meaningfulness of annual cash flow savings
- Remaining time to maturity
- Current interest rate environment and shape of yield curve
- Existing coupons versus current market yields
- The value of the call option
- Whether the refunding escrow will be invested longer than three months

III. TYPES OF DEBT STRUCTURES

A. Certificates of Participation (COPs), JPA Revenue Bonds and Revenue Refunding Bonds

COPs and revenue refunding bond obligations issued through the District or financing corporation may be used to finance capital projects, certain equipment, and property where the Board of Directors determines it to be cost effective and fiscally prudent. As an alternative to COPs, the District may obtain financing through the issuance of debt by a joint exercise of powers agency of which the District is a member with such debt payable from amounts paid by the District under an activity agreement, a lease, installment sale agreement, contract of indebtedness, or similar agreement. Long-term debt will not be used to fund operations of the District. The scope, requirements, and demands of the budget, reserve levels, the five-year forecast, and the ability or need to expedite or maintain the schedule of approved projects, will also be factors in the decision to issue long-term debt. Debt obligations will be structured to achieve the lowest possible net cost to the District given market conditions while balancing risks and considering the five-year financial forecast.

The District debt capacity will not exceed legal or contractual limitations, such as rate covenants or Additional Debt Tests imposed by existing financing covenants. Prior to the issuance of any new revenue obligations, the impact of debt service payments on total annual fixed costs will be analyzed.

Ratepayers have benefited from prior investments in the District's infrastructure. Accumulation of replacement reserves matches the useful life of the asset and distributes the costs to all ratepayers – past, current, and future. Debt issuances can distort this paradigm and should be prudently managed to minimize this impact by addressing those things that have useful lives more closely matched to reasonable-length debt issuances instead of pipelines with remaining service lives of 50 or more years during which time funds can be prudently accumulated for their replacement without unduly burdening the ratepayers.

B. California State Revolving Fund Loans, Other Loans or Direct Lending Structures

The District may, from time to time and with Board approval, borrow through a loan with the State revolving loan program. Each loan will have a specific purpose.

The District may opt to use loans or other direct lending structures in lieu of COPs or Revenue Refunding Bonds in the event that such options offer a lower cost of borrowing or other more favorable terms than traditional, publicly issued COPs or Revenue Refunding Bonds. Using any such loans or direct lending structures shall be based on the same conceptual framework and constraints as required by COPs or Revenue Refunding Bonds.

C. Revenue Notes or Lines of Credit

The District may issue short-term indebtedness secured by revenues in the event such options offer more favorable terms and are recommended by the CFO and District Financial Advisor. The revenue notes will have a final maturity not exceeding five years from the date of issuance. The District may also enter into financing arrangements with banks or other financial institutions providing for a source of funds that can be readily accessed by the District for capital or operational needs.

D. Taxable Bonds

The cost of taxable debt is higher than for tax exempt debt. However, the issuance of taxable debt may allow valuable flexibility in the timing and nature of a bond sale.

Additionally, taxable bond issuance may be mandated in some circumstances. Unless mandated, the District will usually issue tax-exempt obligations.

IV. DEBT STRUCTURAL FEATURES

A. Maturity

The term of District debt issues should not extend beyond the useful life of the project or equipment financed. Unless approved by the Board of Directors, the repayment of principal should not extend beyond 30 years.

B. Repayment

The District should structure debt to provide for level annual debt service repayment. However, the Board of Directors, upon recommendation by the CFO, may choose to structure debt repayment so as to wraparound existing obligations or to achieve other financial planning goals. Deferring the

repayment of principal should be avoided unless recommended by the CFO and approved by the Board of Directors. Ascending debt service should be avoided unless recommended by the CFO and approved by the Board of Directors.

If the debt issuance includes obligations that allow for the compounding of interest, including, but not limited to negative amortization, a resolution of the Board of Directors authorizing the obligations shall disclose the financing terms and time of maturity of such obligations and the agenda item shall identify that obligations that allow for the compounding of interest or negative amortization are proposed and the Board of Directors shall be presented with all of the following:

- An analysis from the District Financial Advisor containing the total overall cost of the obligations that allow for the compounding of interest or negative amortization.
- A comparison prepared by the District Financial Advisor of the overall cost of comparable current interest bonds.
- A recommendation from the District Financial Advisor for the issuance of obligations that allow for the compounding of interest or negative amortization, including the specific reasons therefore.

The sale of capital appreciation bonds or similarly structured debt instruments is prohibited.

C. Credit Enhancement

The District shall procure credit enhancement for a sale of bonds if the Board of Directors, in consultation with the CFO, determines it is appropriate.

D. Reserve Fund

A debt service reserve fund is created from the proceeds of a bond issue and/or the excess of applicable revenues to provide a reserve to meet debt service payments. This provides a measure of added security to bond holders and may improve the credit rating and thus a lower borrowing cost for an issuer. Certain debt issues may require a reserve fund or the District may choose to create one if it is determined to be cost effective.

E. Call Provisions

In general, the District's bonds should include optional call provisions. The District will avoid the sale of non-callable, long-term fixed rate debt.

F. Fixed Rate Debt/Variable Rate Debt

The District may issue fixed rate debt. Variable rate debt will only be issued upon approval by the Board of Directors. Fixed rate debt means that the

coupon of the bond, until its maturity, remains fixed or the same as when issued.

G. Derivatives

A derivative product is a financial instrument which “derives” its own value from the value of another instrument, usually an underlying asset, index, or interest rate. The District will not enter into a derivative product.

V. CREDIT OBJECTIVES

The District has adopted a goal of maintaining strong AAA credit ratings. To that end, prudent financial management policies will be adhered to in all areas. Full disclosure of the District’s activities will be made to the bond rating agencies. The District shall communicate regularly with the appropriate rating agencies, informing them of major financial events as they occur. The rating agencies will be sent a copy of the District’s Comprehensive Annual Financial Report after the Board of Directors has accepted the report.

VI. METHODS OF SALE

A. Competitive Sale

With a competitive sale, the Underwriter(s) is invited to submit a proposal to purchase an issue of bonds. The bonds are awarded to the Underwriter(s) presenting the best bid according to stipulated criteria set forth in the notice of sale. The best bid is usually determined based on the lowest true interest cost. Competitive sales may be used for all issues unless circumstances dictate otherwise.

B. Negotiated Sale

When certain conditions favorable for a competitive sale do not exist, (e.g., high volatility in fixed-income markets) and when a negotiated sale will provide significant benefits to the District that would not be achieved through a competitive sale, the District may elect to sell its debt obligations through negotiated sale, upon approval by the Board of Directors. Such determination may be made on an issue-by-issue basis, for a series of issues, or for part or all of a specific financing program. The underwriting team may be selected through a competitive process. The CFO will solicit proposals from the Underwriter(s) who have submitted, in their own name, or as part of a syndicate, bids for previous competitive bond issues. All such firms will have an equal opportunity to be selected to the negotiated underwriting pool. Before work commences on a bond issue to be sold at negotiated sale, the Underwriter(s) shall provide the CFO a detailed estimate of all components of their compensation. The criteria used to select the Underwriter(s) in a negotiated sale should include the following:

- Overall experience
- Experience in transactions comparable to the District's proposed debt issuance
- Marketing capabilities and investor resources
- Experience of proposed banking team to serve the District
- Proposed fees and expenses, including the breakdown between takedown as opposed to management fees and costs, if applicable

VII. ROLES OF CONSULTANTS

A. Bond Counsel

The primary role of Bond Counsel is to certify that the issuer has legal authority to issue the bonds and to issue an opinion as to the tax status of any debt issuances. Bond Counsel also advises the issuer on whether proposed borrowing is legally permitted and works with the issuer to assure compliance with all constitutional, statutory, and procedural requirements. The District will also seek the assistance of Bond Counsel in drafting bond documents, including the official statement, resolutions authorizing the sale and issuance of the bonds, and other necessary documents.

B. Financial Advisor

The District will seek the advice of the Financial Advisor when necessary. The Financial Advisor will advise on the structuring of obligations to be issued, provide information on various options, give advice as to how choices will impact the marketability of the District's obligations, and will provide other services as required.

VIII. DISCLOSURE COMPLIANCE

A. Secondary Market Disclosure

- i. In November 1994, the Securities and Exchange Commission (SEC) amended Rule 15c2-12 (the Rule) to prohibit any broker, dealer, or municipal securities dealer from acting as an underwriter in a primary offering of municipal securities unless the issuer promises in writing to provide certain ongoing information. The annual financial information is to be sent to the Municipal Securities Rulemaking Board's (MSRB) Electronic Municipal Market Access (EMMA) website as designated by the SEC.
- ii. The District will comply with the Rule by providing the secondary market disclosure as required.

The CFO will at least annually confirm that all debt issued is in compliance with Rule 15c2-12(b)(5) by required filing as covenanted in each debt issue's Continuing Disclosure Agreement. In the event that

outside consultants are used to create or make filings, an internal system shall be established to review and confirm filings made.

- B. The District shall also comply with Government Code Section 5852.1 by disclosing specified good faith estimates in a public meeting prior to the authorization of the issuance of bonds.

IX. MARKET COMMUNICATION, DEBT ADMINISTRATION AND INTERNAL CONTROLS

A. Administration of Bond Proceeds and Funds

- i. The CFO shall review the balances of various bond-generated or related funds held either directly at the District or by the Bond Trustee at least quarterly. Timely expenditure, to the extent possible, of bond proceeds shall be monitored and ensured. Any surplus funds identified from investment earnings or unspent items shall be applied to pay debt service, if legally permissible.
- ii. To ensure proceeds from bond sales are used in accordance with legal requirements invoices are submitted by the Engineering Department and approved by the CFO and General Manager for payment. In the case of an issue of bonds the proceeds of which will be used by a governmental entity other than the District, the District may rely upon a certification by such other governmental entity that it has adopted the policies described in SB 1029.
- iii. A separate bank account will be established to hold proceeds from bond sales to ensure only properly approved invoices are paid as permitted per legal requirements.
- iv. Responsibility for general ledger reconciliations and recordkeeping is segregated from the invoice processing, cash receipting, and cash disbursement functions.

B. Investment of Bond Proceeds

Bond proceeds will be invested in accordance with the permitted investment language outlined in the bond documents for each transaction. The District will seek to maximize investment earnings within the investment parameters set forth in the respective debt financing documentation. The reinvestment of bond proceeds will be incorporated into the evaluation of each financing decision; specifically addressing arbitrage/rebate position, and evaluating alternative debt structures and refunding savings on a “net” debt service basis, where appropriate.

C. Rating Agencies

The CFO shall be responsible for maintaining the District's relationships with Standard & Poor's Ratings Services, Fitch Ratings, and Moody's Investors Service to the extent the District has a rating from such firm.

The District shall maintain relationships with at least two of the rating agencies as circumstances dictate. The District may choose, based upon market conditions, the number of ratings to obtain for any individual debt issuance. In addition to general communication, the CFO should attempt to meet in person, or via phone or email, with credit analysts at least once each fiscal year. Prior to each competitive or negotiated sale, the CFO shall offer conference calls or meeting(s) with rating agency analysts in connection with the planned sale.

D. Observance of Debt Covenants

The CFO will at least annually ensure that the District is in compliance with all legal covenants for each debt issue.

E. State Reporting Requirements

Pursuant to Government Code section 8855(k), the District will submit annual debt transparency reports for any debt for which it has submitted a report of final sale on or after January 21, 2017 every year until the later date on which the debt is no longer outstanding and the proceeds have been fully spent.

F. Recordkeeping

Both physical and electronic copies of all debt-related records shall be retained at the District's offices or in an approved storage facility. At minimum, these records shall include all official statements, bond legal documents/transcripts, resolutions, trustee statements, and other documents material to the financing.

G. Arbitrage Rebate

The use of bond proceeds and their investments must be monitored to ensure compliance with all Internal Revenue Code Arbitrage Rebate Requirements. The CFO shall ensure that all bond proceeds and investments are tracked in a manner that facilitates accurate calculation; if a rebate payment is due; such payment is made in a timely manner.

H. Policy Review

This policy should be reviewed periodically and remains continuously in effect until updated by the Board of Directors.

RESOLUTION NO. ~~1488~~1530

**RESOLUTION OF THE
MESA WATER DISTRICT BOARD OF DIRECTORS
ESTABLISHING A DEBT MANAGEMENT POLICY
~~SUPERSEDING RESOLUTION NO. 1488~~**

WHEREAS, the Mesa Water District (Mesa Water® or District) is a county water district organized and operating pursuant to the provisions of the laws of the State of California (State or California) ~~according to California law~~; and

WHEREAS, Mesa Water has a long history of prudent practices relating to debt issuance and desires to memorialize these past and current practices in a formal debt management policy; and

WHEREAS, the District's principal goal in issuing debt is to provide for the infrastructure needs of its customers, while ensuring that debt is managed prudently.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE MESA WATER DISTRICT DOES HEREBY RESOLVE, DETERMINE, AND ORDER AS FOLLOWS:

Section 1. The Board of Directors of the Mesa Water District hereby adopts the attached Debt Management Policy (Appendix A) as set forth in this Resolution.

Section 2. Resolution No. 1488 shall be superseded by this Resolution upon the adoption hereof.

ADOPTED, SIGNED, and APPROVED this 914th day of ~~February 9, May 2020~~2017 by a roll call vote.

AYES: DIRECTORS: ~~Bockmiller, Dewane, Fisler, Atkinson, Temianka~~
NOES: DIRECTORS:
ABSENT: DIRECTORS:
ABSTAIN: DIRECTORS:

~~Shawn Dewane~~Ethan Temianka
President, Board of Directors

~~Denise Garcia~~Coleen L. Monteleone
District Secretary

RESOLUTION NO. 14881530

APPENDIX A

RESOLUTION OF THE MESA WATER DISTRICT BOARD OF DIRECTORS ESTABLISHING A DEBT MANAGEMENT POLICY SUPERSEDING RESOLUTION NO. 1488

I. POLICY OVERVIEW

Debt issuance for Mesa Water District (~~Mesa Water® or District~~) follows four time-honored principles to safeguard the public's trust in the agency they created and its use of their money:

A. Transparency of Purpose

- i. Debt is issued for specific objectives approved by the elected Board of Directors (~~Board~~).

B. Simplicity of Structure

- i. Debt structure is fixed rate or a blend of fixed rates (e.g. multiple sales that result in a series of fixed-rate instruments).

C. Brevity of Duration

- i. Longer durations increase the total cost paid by the ratepayers for an asset.

D. Rarity of Use

- i. The normal method of accomplishing the financial goals of an agency is funding the activities from rates and long term accumulation of capital, which spreads out the cost over the long term.
- ii. Debt issuances are used when the Board of Directors has determined that issuing debt is appropriate.

Adherence to a debt policy helps ensure that existing debt is managed and that new debt is issued prudently. Actions of the Chief Financial Officer (CFO) and other District Officers regarding debt issuance and disclosures are reported to the Board of Directors regularly at the Board's Finance Committee meetings as necessary to ensure rapid, comprehensive, and complete disclosure to the Governing Body, which has full authority to take actions it deems necessary with regard to debt.

II. PURPOSES FOR WHICH DEBT MAY BE ISSUED

At Mesa Water, the normal method of paying for capital replacement projects is by using current revenues, designated funds/reserves, or unrestricted working capital cash. While it is often asserted that debt financing can distribute the cost of a project over its useful life, it always increases the total amount of funds expended compared to paying directly from reserves or from current revenues. The majority of the value of a water system's assets (e.g. pipes) last longer than the term of a typical debt issuance by a factor of three or more. Therefore, one generation pays more for the asset (principal and interest) than it would have cost had funds been accumulated over a longer period. Contrarily, accumulation of designated funds reduces the required sum of funds as accumulated funds accrue interest. The effect of compounded interest over the very long life of water pipes in particular is enormous. Nevertheless, for assets with shorter lives (e.g. well pumps), debt financing may be appropriate. Debt financing may be used for capital construction and improvements, equipment leases, expansion of facilities and other infrastructure improvements not funded from current revenues or capital reserves. Occasionally, debt can be combined with the normal method if insufficient funds are available from non-debt sources.

A. Capital Plan

The District prepares a Capital Plan (typically five-year and may be longer as determined by the Board of Directors) as a financial planning and management tool, which is updated in conjunction with typically five-year water rate studies. The Capital Plan lists proposed capital projects and capital acquisitions for the period. For each project/acquisition, the Capital Plan contains a project description, justification, documentation, and an estimate of the expenditures.

- i. The Capital Plan process includes a complete analysis of the anticipated sources of funds for future capital projects, and the resulting effect of long-term financing on the District's credit rating to ensure that the proposed debt issuance does not negatively affect the District's credit rating.
- ii. The District may plan long and short-term debt issuance to finance its capital plan based on its cash flow needs, sources of revenue, capital construction periods, available financing instruments and market conditions. In strict compliance with policy direction from the Board of Directors, the CFO oversees and coordinates the timing and issuance process of the District's borrowing and capital funding activities required in support of the Capital Plan. The CFO reports activities to the Board of Directors regularly at the Board's Finance Committee meetings and at other times as necessary to ensure rapid, comprehensive, and complete disclosure to the Governing Body, which has full authority to take actions it deems necessary with regard to debt.

- iii. As part of the Capital Plan, the District sets aside sufficient current revenues to finance ongoing maintenance needs and to provide periodic refurbishment and replacement of capital assets consistent with its perpetual agency philosophy of keeping its capital facilities and infrastructure systems in good repair and providing for the orderly replacement of capital facilities.
- iv. Mesa Water recognizes that changing circumstances require flexibility and revision and that anticipating every future contingency is unrealistic. When adjustments to debt plans become necessary, the reasons will be well documented to demonstrate that the District's commitment to sound debt management remains unchanged. Such changing circumstances shall be reported to the Board of Directors regularly at the Board's Finance Committee meetings and at other times as necessary to ensure rapid, comprehensive, and complete disclosure to the Governing Body, which has full authority to take actions it deems necessary with regard to debt.

B. Refundings

A refunding is generally the underwriting of a new bond issue whose proceeds are used to redeem an outstanding issue. Key definitions are described as follows:

- i. Advance Refunding – The issuance of a new refunding bond occurs to pay the debt service of an existing bond issuance that remains outstanding for more than 90 days after the issuance of new refunding bonds. Bond proceeds from an advance refunding are invested in an escrow account in a portfolio of U.S. government securities structured to provide enough cash flow to pay debt service on the refunded bonds until the bonds mature or are called.
- ii. Current Refunding – If an existing bond issuance has less than 90 days prior to maturity or a call date, a current refunding is used to issue new bonds. During a current refunding, the duration of the escrow is 90 days or less. Bond proceeds from a current refunding directly pay the outstanding balance of the existing bonds.

~~Since August of 1986, a critical Internal Revenue Service restriction limits an issuer to no more than one advance refunding for each issue. Because there will be only one chance, if any, to reduce interest cost of the refunded bond until the call date, the District must carefully evaluate advance refunding when opportunities arise.~~

Mesa Water District will generally consider refunding issuances as follows:

- Current Refunding of outstanding bonds only if the present value savings are at least 3 percent of the par amount of the refunded bonds.

- Advance Refunding of outstanding bonds only if the present value savings are at least 5 percent of the par amount of the refunded bonds.
- If the bonds to be refunded have restrictive or outdated covenants, or if restructuring debt is deemed in the best interest of the District.

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The following factors shall be used as a guideline to determine the minimum savings in each instance:

- Meaningfulness of annual cash flow savings
- Remaining time to maturity
- Current interest rate environment and shape of yield curve
- Existing coupons versus current market yields
- The value of the call option
- Whether the refunding escrow will be invested longer than three months

III. TYPES OF DEBT STRUCTURES

A. Certificates of Participation (COPs), JPA Revenue Bonds and Revenue Refunding Bonds

COPs and revenue refunding bond obligations issued through the District or financing corporation may be used to finance capital projects, certain equipment, and property where the Board of Directors determines it to be cost effective and fiscally prudent. ~~As an alternative to COPs, the District may obtain financing through the issuance of debt by a joint exercise of powers agency of which the District is a member with such debt payable from amounts paid by the District under an activity agreement, a lease, installment sale agreement, contract of indebtedness, or similar agreement.~~ Long-term debt will not be used to fund operations of the District. The scope, requirements, and demands of the budget, reserve levels, the five-year forecast, and the ability or need to expedite or maintain the schedule of approved projects, will also be factors in the decision to issue long-term debt. Debt obligations will be structured to achieve the lowest possible net cost to the District given market conditions while balancing risks and considering the five-year financial forecast.

The District debt capacity will not exceed legal or contractual limitations, such as rate covenants or Additional Debt Tests imposed by existing financing covenants. Prior to the issuance of any new revenue obligations, the impact of debt service payments on total annual fixed costs will be analyzed.

Ratepayers have benefited from prior investments in the District's infrastructure. Accumulation of replacement reserves matches the useful life of the asset and distributes the costs to all ratepayers – past, current, and future. Debt issuances can distort this paradigm and should be prudently managed to minimize this impact by addressing those things that have useful lives more closely matched to reasonable-length debt issuances instead of pipelines with remaining service lives of 50 or more years during which time funds can be prudently accumulated for their replacement without unduly burdening the ratepayers.

B. California State Revolving Fund Loans, Other Loans or Direct Lending Structures

The District may, from time to time and with Board approval, borrow through a loan with the State revolving loan program. Each loan will have a specific purpose.

The District may opt to use loans or other direct lending structures in lieu of COPs or Revenue Refunding Bonds in the event that such options offer a lower cost of borrowing or other more favorable terms than traditional, publicly issued COPs or Revenue Refunding Bonds. Using any such loans or direct lending structures shall be based on the same conceptual framework and constraints as required by COPs or Revenue Refunding Bonds.

C. Revenue Notes or Lines of Credit

The District may issue short-term indebtedness secured by revenues in the event such options offer more favorable terms and are recommended by the CFO and District Financial Advisor. The revenue notes will have a final maturity not exceeding five years from the date of issuance. The District may also enter into financing arrangements with banks or other financial institutions providing for a source of funds that can be readily accessed by the District for capital or operational needs.

C.D. Taxable Bonds

The cost of taxable debt is higher than for tax exempt debt. However, the issuance of taxable debt may allow valuable flexibility in the timing and nature of a bond sale.

Additionally, taxable bond issuance may be mandated in some circumstances. Unless mandated, the District will usually issue tax-exempt obligations.

IV. DEBT STRUCTURAL FEATURES

A. Maturity

The term of District debt issues should not extend beyond the useful life of the project or equipment financed. Unless approved by the Board of Directors, the repayment of principal should not extend beyond 30 years.

B. Repayment

The District should structure debt to provide for level annual debt service repayment. However, the Board of Directors, upon recommendation by the CFO, may choose to structure debt repayment so as to wraparound existing obligations or to achieve other financial planning goals. Deferring the

repayment of principal should be avoided unless recommended by the CFO and approved by the Board of Directors. Ascending debt service should be avoided unless recommended by the CFO and approved by the Board of Directors.

If the debt issuance includes obligations that allow for the compounding of interest, including, but not limited to negative amortization, a resolution of the Board of Directors authorizing the obligations shall disclose the financing terms and time of maturity of such obligations and the agenda item shall identify that obligations that allow for the compounding of interest or negative amortization are proposed and the Board of Directors shall be presented with all of the following:

- An analysis from the District Financial Advisor containing the total overall cost of the obligations that allow for the compounding of interest or negative amortization.
- A comparison prepared by the District Financial Advisor of the overall cost of comparable current interest bonds.
- A recommendation from the District Financial Advisor for the issuance of obligations that allow for the compounding of interest or negative amortization, including the specific reasons therefore.

The sale of capital appreciation bonds or similarly structured debt instruments is prohibited.

C. Credit Enhancement

The District shall procure credit enhancement for a sale of bonds if the Board of Directors, in consultation with the CFO, determines it is appropriate.

D. Reserve Fund

A debt service reserve fund is created from the proceeds of a bond issue and/or the excess of applicable revenues to provide a reserve to meet debt service payments. This provides a measure of added security to bond holders and may improve the credit rating and thus a lower borrowing cost for an issuer. Certain debt issues may require a reserve fund or the District may choose to create one if it is determined to be cost effective.

E. Call Provisions

In general, the District's bonds should include optional call provisions. The District will avoid the sale of non-callable, long-term fixed rate debt.

F. Fixed Rate Debt/Variable Rate Debt

The District may issue fixed rate debt. Variable rate debt will only be issued upon approval by the Board of Directors. Fixed rate debt means that the

coupon of the bond, until its maturity, remains fixed or the same as when issued.

G. Derivatives

A derivative product is a financial instrument which “derives” its own value from the value of another instrument, usually an underlying asset, index, or interest rate. The District will not enter into a derivative product.

V. CREDIT OBJECTIVES

The District has adopted a goal of maintaining strong AAA credit ratings. To that end, prudent financial management policies will be adhered to in all areas. Full disclosure of the District’s activities will be made to the bond rating agencies. The District shall communicate regularly with the appropriate rating agencies, informing them of major financial events as they occur. The rating agencies will be sent a copy of the District’s Comprehensive Annual Financial Report after the Board of Directors has accepted the report.

VI. METHODS OF SALE

A. Competitive Sale

With a competitive sale, the Underwriter(s) is invited to submit a proposal to purchase an issue of bonds. The bonds are awarded to the Underwriter(s) presenting the best bid according to stipulated criteria set forth in the notice of sale. The best bid is usually determined based on the lowest true interest cost. Competitive sales may be used for all issues unless circumstances dictate otherwise.

B. Negotiated Sale

When certain conditions favorable for a competitive sale do not exist, (e.g., high volatility in fixed-income markets) and when a negotiated sale will provide significant benefits to the District that would not be achieved through a competitive sale, the District may elect to sell its debt obligations through negotiated sale, upon approval by the Board of Directors. Such determination may be made on an issue-by-issue basis, for a series of issues, or for part or all of a specific financing program. The underwriting team may be selected through a competitive process. The CFO will solicit proposals from the Underwriter(s) who have submitted, in their own name, or as part of a syndicate, bids for previous competitive bond issues. All such firms will have an equal opportunity to be selected to the negotiated underwriting pool. Before work commences on a bond issue to be sold at negotiated sale, the Underwriter(s) shall provide the CFO a detailed estimate of all components of their compensation. The criteria used to select the Underwriter(s) in a negotiated sale should include the following:

- Overall experience
- Experience in transactions comparable to the District's proposed debt issuance
- Marketing capabilities and investor resources
- Experience of proposed banking team to serve the District
- Proposed fees and expenses, including the breakdown between takedown as opposed to management fees and costs, if applicable

VII. ROLES OF CONSULTANTS

A. Bond Counsel

The primary role of Bond Counsel is to certify that the issuer has legal authority to issue the bonds and to issue an opinion as to the tax status of any debt issuances. Bond Counsel also advises the issuer on whether proposed borrowing is legally permitted and works with the issuer to assure compliance with all constitutional, statutory, and procedural requirements. The District will also seek the assistance of Bond Counsel in drafting bond documents, including the official statement, resolutions authorizing the sale and issuance of the bonds, and other necessary documents.

B. Financial Advisor

The District will seek the advice of the Financial Advisor when necessary. The Financial Advisor will advise on the structuring of obligations to be issued, provide information on various options, give advice as to how choices will impact the marketability of the District's obligations, and will provide other services as required.

VIII. DISCLOSURE COMPLIANCE

A. Secondary Market Disclosure

- i. In November 1994, the Securities and Exchange Commission (SEC) amended Rule 15c2-12 (the Rule) to prohibit any broker, dealer, or municipal securities dealer from acting as an underwriter in a primary offering of municipal securities unless the issuer promises in writing to provide certain ongoing information. The annual financial information is to be sent to the Municipal Securities Rulemaking Board's (MSRB) Electronic Municipal Market Access (EMMA) website as designated by the SEC.
- ii. The District will comply with the Rule by providing the secondary market disclosure as required.

The CFO will at least annually confirm that all debt issued is in compliance with Rule 15c2-12(b)(5) by required filing as covenanted in each debt issue's Continuing Disclosure Agreement. In the event that

outside consultants are used to create or make filings, an internal system shall be established to review and confirm filings made.

- B. The District shall also comply with Government Code Section 5852.1 by disclosing specified good faith estimates in a public meeting prior to the authorization of the issuance of bonds.

IX. MARKET COMMUNICATION, DEBT ADMINISTRATION AND INTERNAL CONTROLS

A. Administration of Bond Proceeds and Funds

- i. The CFO shall review the balances of various bond-generated or related funds held either directly at the District or by the Bond Trustee at least quarterly. Timely expenditure, to the extent possible, of bond proceeds shall be monitored and ensured. Any surplus funds identified from investment earnings or unspent items shall be applied to pay debt service, if legally permissible.
- ii. To ensure proceeds from bond sales are used in accordance with legal requirements invoices are submitted by the Engineering Department and approved by the CFO and General Manager for payment. In the case of an issue of bonds the proceeds of which will be used by a governmental entity other than the District, the District may rely upon a certification by such other governmental entity that it has adopted the policies described in SB 1029.
- iii. A separate bank account will be established to hold proceeds from bond sales to ensure only properly approved invoices are paid as permitted per legal requirements.
- iv. Responsibility for general ledger reconciliations and recordkeeping is segregated from the invoice processing, cash receipting, and cash disbursement functions.

B. Investment of Bond Proceeds

Bond proceeds will be invested in accordance with the permitted investment language outlined in the bond documents for each transaction. The District will seek to maximize investment earnings within the investment parameters set forth in the respective debt financing documentation. The reinvestment of bond proceeds will be incorporated into the evaluation of each financing decision; specifically addressing arbitrage/rebate position, and evaluating alternative debt structures and refunding savings on a “net” debt service basis, where appropriate.

C. Rating Agencies

The CFO shall be responsible for maintaining the District's relationships with Standard & Poor's Ratings Services, Fitch Ratings, and Moody's Investors Service to the extent the District has a rating from such firm.

The District shall maintain relationships with at least two of the rating agencies as circumstances dictate. The District may choose, based upon market conditions, the number of ratings to obtain for any individual debt issuance. In addition to general communication, the CFO should attempt to meet in person, or via phone or email, with credit analysts at least once each fiscal year. Prior to each competitive or negotiated sale, the CFO shall offer conference calls or meeting(s) with rating agency analysts in connection with the planned sale.

D. Observance of Debt Covenants

The CFO will at least annually ensure that the District is in compliance with all legal covenants for each debt issue.

E. State Reporting Requirements

Pursuant to Government Code section 8855(k), the District will submit annual debt transparency reports for any debt for which it has submitted a report of final sale on or after January 21, 2017 every year until the later date on which the debt is no longer outstanding and the proceeds have been fully spent.

E.F. Recordkeeping

Both physical and electronic copies of all debt-related records shall be retained at the District's offices or in an approved storage facility. At minimum, these records shall include all official statements, bond legal documents/transcripts, resolutions, trustee statements, and other documents material to the financing.

F.G. Arbitrage Rebate

The use of bond proceeds and their investments must be monitored to ensure compliance with all Internal Revenue Code Arbitrage Rebate Requirements. The CFO shall ensure that all bond proceeds and investments are tracked in a manner that facilitates accurate calculation; if a rebate payment is due; such payment is made in a timely manner.

G.H. Policy Review

This policy should be reviewed periodically and remains continuously in effect until updated by the Board of Directors.

RESOLUTION NO. 1531

RESOLUTION OF THE MESA WATER DISTRICT BOARD OF DIRECTORS ADOPTING THE DEBT DISCLOSURE POLICY SUPERSEDING RESOLUTION NO. 1492

WHEREAS, the Mesa Water District (the District) is a county water district organized and operating pursuant to the provisions of the laws of the State of California (State or California); and

WHEREAS, the District's Bond Counsel recommends, based on recent Securities and Exchange Commission enforcement actions, that issuers of municipal bonds adopt policies and procedures to govern compliance and implement training with respect to their initial disclosure and continuing disclosure undertakings; and

WHEREAS, in response to such recommendation and in order to better monitor compliance with its disclosure undertakings, Mesa Water District finds it desirable to adopt and maintain a Debt Disclosure Policy; and

WHEREAS, the proposed Debt Disclosure Policy has been presented to the Board of Directors.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE MESA WATER DISTRICT DOES HEREBY RESOLVE, DETERMINE, AND ORDER AS FOLLOWS:

Section 1. That the Board of Directors of Mesa Water District does hereby approve and adopt the Debt Disclosure Policy, comprising Attachment A hereto, as presented to the Board at the meeting at which this resolution is adopted.

Section 2. This resolution shall take effect immediately upon adoption.

Section 3. Resolution No. 1492 shall be superseded by this Resolution upon the adoption hereof.

ADOPTED, SIGNED, and APPROVED this 14th day of May 2020 by a roll call vote.

AYES: DIRECTORS:
NOES: DIRECTORS:
ABSENT: DIRECTORS:
ABSTAIN: DIRECTORS:

Shawn Dewane
President, Board of Directors

Denise Garcia
District Secretary

RESOLUTION NO. 1531

ATTACHMENT A

**RESOLUTION OF THE
MESA WATER DISTRICT BOARD OF DIRECTORS
ADOPTING THE DEBT DISCLOSURE POLICY
SUPERSEDING RESOLUTION NO. 1492**

**MESA WATER DISTRICT
POLICY FOR DEBT DISCLOSURE**

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MESA WATER DISTRICT POLICY FOR DEBT DISCLOSURE

PURPOSE

The purpose of this Debt Disclosure Policy (the Policy) is to memorialize and communicate key principles and procedures in connection with obligations, including notes, bonds and certificates of participation, issued by the Mesa Water District (the District) so as to ensure that the District continues to comply with all applicable disclosure obligations and requirements under the federal securities laws.

BACKGROUND

The District from time to time issues certificates of participation, revenue bonds, notes or other obligations (collectively, Obligations) in order to fund or refund capital investments, other long-term programs and working capital needs. In offering Obligations to the public, and at other times when the District makes certain reports, the District must comply with the “anti-fraud rules” of federal securities laws. (“Anti-fraud rules” refers to Section 17 of the Securities Act of 1933 and Section 10(b) of the Securities and Exchange Act of 1934, and regulations adopted by the Securities and Exchange Commission under those Acts, including “Rule 10b-5” under the Securities and Exchange Act of 1934.)

The core requirement of these rules is that investors and potential investors in Obligations must be provided with all “material” information relating to the offered Obligations. The information provided to investors and potential investors must not contain any material misstatements, and the District must not omit material information which would be necessary to provide to investors a complete and transparent description of the Obligations and the District’s financial condition. In the context of the sale of securities, a fact is generally considered to be “material” if there is a substantial likelihood that a reasonable investor would consider it to be important in determining whether or not to purchase the securities being offered or alter the total mix of available information.

When the District issues Obligations, the two central disclosure documents which are prepared are a preliminary official statement (POS) and a final official statement (OS, and collectively with the POS, Official Statement). The Official Statement generally consists of (i) the forepart (which describes the specific transaction including maturity dates, interest rates, redemption provisions, the specific type of financing, the leased premises (in certificate of participation financings) and other matters particular to the financing, (ii) a section which provides information on the District, including its financial condition as well as certain operating information (District Section), and (iii) various other appendices, including the District’s audited financial report, form of the proposed legal opinion, and form of continuing disclosure undertaking. Investors use the Official Statement as one of their primary resources for making informed investment decisions regarding the Obligations.

DISCLOSURE PROCESS

When the District determines to issue Obligations, the Chief Financial Officer requests the involved departments to commence preparation of the portions of the Official Statement (including particularly the District Section) for which they are responsible. While the general format and content of the Official Statement does not normally change substantially from offering to offering, except as necessary to reflect major events, the Chief Financial Officer is responsible for reviewing and preparing or updating certain portions of the District Section which are within their particular area of knowledge. Once the Official Statement has been substantially updated, the entire Official Statement is shared with the General Manager for review and input. Additionally, all participants in the disclosure process are separately responsible for reviewing the entire Official Statement.

Members of the financing team, including the Bond Counsel and the District's Financial Advisor with respect to the Obligations, assist staff in determining the materiality of any particular item, and in the development of specific language in the District Section. Members of the financing team also assist the District in the development of a "big picture" overview of the District's financial condition, included in the District section. This overview highlights particular areas of concern. Bond Counsel has a confidential, attorney-client relationship with officials and staff of the District.

The Chief Financial Officer or a member of the financing team at the direction thereof schedules one or more meetings or conference calls of the financing team (which includes District officials, Bond Counsel, the District's Financial Advisor, the underwriter of the Obligations, and the underwriter's counsel), and new drafts of the forepart of the Official Statement and the District Section are circulated and discussed. Such communications may occur via electronic means rather than by meetings or conference calls. During this part of the process, there is substantial contact among District staff and other members of the financing team to discuss issues which may arise determine the materiality of particular items and ascertain the prominence in which the items should be disclosed.

Prior to distributing a POS to potential investors, there is typically a formal conference call which includes District officials involved in the preparation of the POS, members of the financing team and the underwriters and the underwriter's counsel, during which the POS is reviewed in its entirety to obtain final comments and to allow the underwriters to ask questions of the District's senior officials. This is referred to as a "due diligence" meeting.

A substantially final form of the POS is provided to the District Board of Directors in advance of approval to afford the Board of Directors an opportunity to review the POS, ask questions and make comments. The substantially final form of the POS is approved by the Boards of Directors which generally authorizes certain senior staff to make additional corrections, changes and updates to the POS in consultation with General Counsel and Bond Counsel.

At the time the POS is posted for review by potential investors, senior District officials execute certificates deeming certain portions of the POS complete (except for certain pricing terms) as required by SEC Rule 15c2-12.

Between the posting of the POS for review by potential investors and delivery of the final OS to the underwriter for redelivery to actual investors in the Obligations, any changes and developments will have been incorporated into the POS, including particularly the District Section, if required. If necessary to reflect developments following publication of the POS or OS, as applicable, supplements will be prepared and published.

In connection with the closing of the transaction, one or more senior District officials execute certificates stating that certain portions of the OS, as of the date of each OS and as of the date of closing, does not contain any untrue statement of material fact or omit to state any material fact necessary to make the statements contained in the OS in light of the circumstances under which they were made, not misleading. General Counsel also provides an opinion letter advising the underwriters that information contained in the section of the OS relating to the District and its operations (or specified portions thereof) as of its date did not, and as of the date of the closing, does not contain any untrue statement of a material fact or omitted or omits to state any material fact necessary to make the statements therein, in light of the circumstances under which they were made, not misleading. General Counsel does not opine on any financial, statistical, economic or demographic data or forecasts, charts, tables, graphs, estimates, projections, assumptions or expressions of opinion, and certain other customary matters.

DISTRICT SECTION

The information contained in the District Section is developed by personnel under the direction of the Chief Financial Officer, with the assistance of the financing team. In certain circumstances, additional officials will be involved, as necessary. The following principles govern the work of the respective staffs that contribute information to the District Section:

- District staff involved in the disclosure process is responsible for being familiar with its responsibilities under federal securities laws as described above.
- District staff involved in the disclosure process should err on the side of raising issues when preparing or reviewing information for disclosure. Officials and staff are encouraged to consult General Counsel, Bond Counsel or members of the financing team if there are questions regarding whether an issue is material or not.
- Care should be taken not to shortcut or eliminate any steps outlined in the Policy on an ad hoc basis. However, the Policy is not necessarily intended to be a rigid list of procedural requirements, but instead to provide guidelines for disclosure review. If warranted, based on experience during financings or because of additional SEC pronouncements or other reasons, the District should consider revisions to the Policy.
- The process of updating the District Section from transaction to transaction should not be viewed as being limited to updating tables and numerical information. While it is not anticipated that there will be major changes in the form and content of the District Section at the time of each update, everyone involved in the process should consider the need for revisions in the form, content and tone of the sections for which they are responsible at the time of each update.

- The District must make sure that the staff involved in the disclosure process is of sufficient seniority such that it is reasonable to believe that, collectively, they are in possession of material information relating to the District, its operations and its finances.

TRAINING

The Policy shall be provided to all members of senior staff and any other member of the District staff that is involved in the District's disclosure obligations.

Periodic training for the staff involved in the preparation of the Official Statement (including the District Section) is coordinated by the finance team and the Chief Financial Officer. These training sessions are provided to assist staff members involved in identifying relevant disclosure information to be included in the District Section. The training sessions also provide an overview of federal laws relating to disclosure, situations in which disclosure rules apply, the purpose of the Official Statement and the District Section, a description of previous SEC enforcement actions and a discussion of recent developments in the area of local agency disclosure. Attendees at the training sessions are provided the opportunity to ask questions of finance team members, including Bond Counsel concerning disclosure obligations and are encouraged to contact members of the finance team at any time if they have questions.

ANNUAL CONTINUING DISCLOSURE REQUIREMENTS

In connection with the issuance or execution and delivery of Obligations, the District has entered into a number of contractual agreements (Continuing Disclosure Certificates) to provide annual reports related to its financial condition (including its audited financial statements) as well as notice of certain events relating to the Obligations specified in the Continuing Disclosure Certificates. The District must comply with the specific requirements of each Continuing Disclosure Certificate. The District's Continuing Disclosure Certificates generally require that the annual reports be filed within 270 days after the end of the District's fiscal year, and event notices are generally required to be filed within 10 days of their occurrence.

Specific events which require "material event" notices are set forth in each particular Continuing Disclosure Certificate.

The Chief Financial Officer shall be responsible for preparing and filing the annual reports and material event notices required pursuant to the Continuing Disclosure Certificates. Particular care shall be paid to the timely filing of any changes in credit ratings on Obligations (including changes resulting from changes in the credit ratings of insurers of particular Obligations).

The Chief Financial Officer, with the assistance of Bond Counsel, will provide written notice to the Mesa Water District (the District) Board of Directors (Board) of any receipt by the District of any default, event of acceleration, termination event, modification of terms (only if material or may reflect financial difficulties), or other similar events (collectively, a “Potentially Reportable Event”) under any agreement or obligation to which the District is a party and which may be a “financial obligation” as discussed below. Such written notice should be provided by the Chief Financial Officer to the Board as soon as the Chief Financial Officer is placed on written notice by District staff, consultants, or external parties of such event or receives written notice of such event. The Chief Financial Officer, with the assistance of bond and Disclosure Counsel, will determine and notify the Board whether notice of such Potentially Reportable Event is required to be filed on EMMA pursuant to the disclosure requirements of SEC Rule 15c2-12 (the “Rule”). If filing on EMMA is required, the filing is due within 10 business days of such Potentially Reportable Event to comply with the continuing disclosure undertaking for the various debt obligations of the District.

The Chief Financial Officer, with the assistance of Bond Counsel, will report to the Board regarding the execution by the District of any agreement or other obligation which might constitute a “financial obligation” for purposes of Rule 15c2-12. Amendments to existing District agreements or obligations with “financial obligation” which relate to covenants, events of default, remedies, priority rights, or other similar terms should be reported to the Board as well as soon as the Chief Financial Officer is placed on written notice by District staff, consultants, or external parties of such event or receives a written notice of such amendment requests. The Chief Financial Officer will determine, with the assistance of bond and Disclosure Counsel, whether such agreement or other obligation constitutes a material “financial obligation” for purposes of Rule 15c2-12. If such agreement or other obligation is determined to be a material “financial obligation” or a material amendment to a “financial obligation” described above, notice thereof would be required to be filed on EMMA within 10 business days of execution or incurrence. The types of agreements or other obligations which could constitute “financial obligations” and which could need to be reported on EMMA include:

1. Bank loans or other obligations which are privately placed;
2. State or federal loans;
3. Commercial paper or other short-term indebtedness for which no offering document has been filed on EMMA;
4. Letters of credit, surety policies or other credit enhancement with respect to the District’s publicly offered Debt;
5. Letters of credit, including letters of credit which are provided to third parties to secure the District’s obligation to pay or perform (an example of this is a standby letter of credit delivered to secure the District’s obligations for performance under a mitigation agreement);
6. Capital leases for property, facilities, fleet or equipment; and
7. Agreements which guarantee the payment or performance obligations of a third party (regardless of whether the agreements constitute guarantees under California law).

Types of agreements which could be a “financial obligation” under the Rule include:

1. Payment agreements which obligate the District to pay a share of another public agency’s debt service (for example, an agreement with a joint powers agency whereby the District agrees to pay a share of the joint powers agency’s bonds, notes or other obligations); and
2. Service contracts with a public agency or a private party pursuant to which the District is obligated to pay a share of such public agency or private party’s debt service obligation (for example, certain types of P3 arrangements).

Types of agreements which may be a “financial obligation” subject to the Rule include:

1. Any agreement the payments under which are not characterized as an operation and maintenance expenses for accounting purposes if such agreement could be characterized as the borrowing of money.

The Chief Financial Officer will continue to work with bond and Disclosure Counsel to refine the definition of financial obligation going forward based on future SEC guidance.

SECONDARY MARKET DISCLOSURE

On February 7, 2020, the SEC released a staff legal bulletin (the “Bulletin”) concerning secondary market disclosure in the municipal bond market. The Bulletin included SEC staff views on a variety of matters, including but not limited to, the applicability of the federal securities law to public agency websites, reports delivered to governmental and institutional bodies and statements made by public officials including elected board members. Documents, reports and other written statements of the District which contains current financial and operational conditions of the District will be included in a section of the District’s website appropriately identified. The District and its Disclosure Counsel have reviewed the Bulletin and have incorporated certain SEC staff recommendations into this Policy and into disclosure training for staff and Board members. The District and its Disclosure Counsel will be cognizant of the SEC staff reviews contained in the Bulletin as secondary market disclosures arise.

CERTIFICATION AND RECEIPT OF UNDERSTANDING

I certify that I have received a copy of the Mesa Water District Debt Disclosure Policy. I have reviewed and understand its contents and agree to abide by the principals and requirements in the Debt Disclosure Policy.

Signature:

Name: _____

Title: _____

Date: _____

DRAFT

RESOLUTION NO. 14921531

**RESOLUTION OF THE
MESA WATER DISTRICT BOARD OF DIRECTORS
ADOPTING THE DEBT DISCLOSURE POLICY
SUPERSEDING RESOLUTION NO. 1492**

WHEREAS, the Mesa Water District (the District) is a county water district organized and operating pursuant to the provisions of the laws of the State of California (State or California) according to California law; and

WHEREAS, the District's Bond Counsel recommends, based on recent Securities and Exchange Commission enforcement actions, that issuers of municipal bonds adopt policies and procedures to govern compliance and implement training with respect to their initial disclosure and continuing disclosure undertakings; and

WHEREAS, in response to such recommendation and in order to better monitor compliance with its disclosure undertakings, Mesa Water District finds it desirable to adopt and maintain a Debt Disclosure Policy; and

WHEREAS, the proposed Debt Disclosure Policy has been presented to the Board of Directors.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE MESA WATER DISTRICT DOES HEREBY RESOLVE, DETERMINE, AND ORDER AS FOLLOWS:

Section 1. That the Board of Directors of Mesa Water District does hereby approve and adopt the Debt Disclosure Policy, comprising Attachment A hereto, as presented to the Board at the meeting at which this resolution is adopted.

Section 2. This resolution shall take effect immediately upon adoption.

Section 3. Resolution No. 1492 shall be superseded by this Resolution upon the adoption hereof.

ADOPTED, SIGNED, and APPROVED this 149th day of ~~March 2017~~ May 2020 by a roll call vote.

AYES: DIRECTORS: ~~Bockmiller, Fidler, Atkinson, Temianka~~
NOES: DIRECTORS:
ABSENT: DIRECTORS: ~~Dewane~~
ABSTAIN: DIRECTORS:

~~Ethan Temianka~~ Shawn Dewane
President, Board of Directors

~~Coleen L. Monteleone~~ Denise Garcia

District Secretary

DRAFT

RESOLUTION NO. 14921531

ATTACHMENT A

**RESOLUTION OF THE
MESA WATER DISTRICT BOARD OF DIRECTORS
ADOPTING THE DEBT DISCLOSURE POLICY
SUPERSEDING RESOLUTION NO. 1492**

**MESA WATER DISTRICT
POLICY FOR DEBT DISCLOSURE**

DRAFT

MESA WATER DISTRICT POLICY FOR DEBT DISCLOSURE

PURPOSE

The purpose of this Debt Disclosure Policy (the Policy) is to memorialize and communicate key principles and procedures in connection with obligations, including notes, bonds and certificates of participation, issued by the Mesa Water District (the District) so as to ensure that the District continues to comply with all applicable disclosure obligations and requirements under the federal securities laws.

BACKGROUND

The District from time to time issues certificates of participation, revenue bonds, notes or other obligations (collectively, Obligations) in order to fund or refund capital investments, other long-term programs and working capital needs. In offering Obligations to the public, and at other times when the District makes certain reports, the District must comply with the “anti-fraud rules” of federal securities laws. (“Anti-fraud rules” refers to Section 17 of the Securities Act of 1933 and Section 10(b) of the Securities and Exchange Act of 1934, and regulations adopted by the Securities and Exchange Commission under those Acts, including “Rule 10b-5” under the Securities and Exchange Act of 1934.)

The core requirement of these rules is that investors and potential investors in Obligations must be provided with all “material” information relating to the offered Obligations. The information provided to investors and potential investors must not contain any material misstatements, and the District must not omit material information which would be necessary to provide to investors a complete and transparent description of the Obligations and the District’s financial condition. In the context of the sale of securities, a fact is generally considered to be “material” if there is a substantial likelihood that a reasonable investor would consider it to be important in determining whether or not to purchase the securities being offered or alter the total mix of available information.

When the District issues Obligations, the two central disclosure documents which are prepared are a preliminary official statement (POS) and a final official statement (OS, and collectively with the POS, Official Statement). The Official Statement generally consists of (i) the forepart (which describes the specific transaction including maturity dates, interest rates, redemption provisions, the specific type of financing, the leased premises (in certificate of participation financings) and other matters particular to the financing, (ii) a section which provides information on the District, including its financial condition as well as certain operating information (District Section), and (iii) various other appendices, including the District’s audited financial report, form of the proposed legal opinion, and form of continuing disclosure undertaking. Investors use the Official Statement as one of their primary resources for making informed investment decisions regarding the Obligations.

DISCLOSURE PROCESS

When the District determines to issue Obligations, the Chief Financial Officer requests the involved departments to commence preparation of the portions of the Official Statement (including particularly the District Section) for which they are responsible. While the general format and content of the Official Statement does not normally change substantially from offering to offering, except as necessary to reflect major events, the Chief Financial Officer is responsible for reviewing and preparing or updating certain portions of the District Section which are within their particular area of knowledge. Once the Official Statement has been substantially updated, the entire Official Statement is shared with the General Manager for review and input. Additionally, all participants in the disclosure process are separately responsible for reviewing the entire Official Statement.

Members of the financing team, including the Bond Counsel and the District's Financial Advisor with respect to the Obligations, assist staff in determining the materiality of any particular item, and in the development of specific language in the District Section. Members of the financing team also assist the District in the development of a "big picture" overview of the District's financial condition, included in the District section. This overview highlights particular areas of concern. Bond Counsel has a confidential, attorney-client relationship with officials and staff of the District.

The Chief Financial Officer or a member of the financing team at the direction thereof schedules one or more meetings or conference calls of the financing team (which includes District officials, Bond Counsel, the District's Financial Advisor, the underwriter of the Obligations, and the underwriter's counsel), and new drafts of the forepart of the Official Statement and the District Section are circulated and discussed. Such communications may occur via electronic means rather than by meetings or conference calls. During this part of the process, there is substantial contact among District staff and other members of the financing team to discuss issues which may arise determine the materiality of particular items and ascertain the prominence in which the items should be disclosed.

Prior to distributing a POS to potential investors, there is typically a formal conference call which includes District officials involved in the preparation of the POS, members of the financing team and the underwriters and the underwriter's counsel, during which the POS is reviewed in its entirety to obtain final comments and to allow the underwriters to ask questions of the District's senior officials. -This is referred to as a "due diligence" meeting.

A substantially final form of the POS is provided to the District Board of Directors in advance of approval to afford the Board of Directors an opportunity to review the POS, ask questions and make comments. The substantially final form of the POS is approved by the Boards of Directors which generally authorizes certain senior staff to make additional corrections, changes and updates to the POS in consultation with General Counsel and Bond Counsel.

At the time the POS is posted for review by potential investors, senior District officials execute certificates deeming certain portions of the POS complete (except for certain pricing terms) as required by SEC Rule 15c2-12.

Between the posting of the POS for review by potential investors and delivery of the final OS to the underwriter for redelivery to actual investors in the Obligations, any changes and developments will have been incorporated into the POS, including particularly the District Section, if required. If necessary to reflect developments following publication of the POS or OS, as applicable, supplements will be prepared and published.

In connection with the closing of the transaction, one or more senior District officials execute certificates stating that certain portions of the OS, as of the date of each OS and as of the date of closing, does not contain any untrue statement of material fact or omit to state any material fact necessary to make the statements contained in the OS in light of the circumstances under which they were made, not misleading. General Counsel also provides an opinion letter advising the underwriters that information contained in the section of the OS relating to the District and its operations (or specified portions thereof) as of its date did not, and as of the date of the closing, does not contain any untrue statement of a material fact or omitted or omits to state any material fact necessary to make the statements therein, in light of the circumstances under which they were made, not misleading. General Counsel does not opine on any financial, statistical, economic or demographic data or forecasts, charts, tables, graphs, estimates, projections, assumptions or expressions of opinion, and certain other customary matters.

DISTRICT SECTION

The information contained in the District Section is developed by personnel under the direction of the Chief Financial Officer, with the assistance of the financing team. In certain circumstances, additional officials will be involved, as necessary. The following principles govern the work of the respective staffs that contribute information to the District Section:

- District staff involved in the disclosure process is responsible for being familiar with its responsibilities under federal securities laws as described above.
- District staff involved in the disclosure process should err on the side of raising issues when preparing or reviewing information for disclosure. Officials and staff are encouraged to consult General Counsel, Bond Counsel or members of the financing team if there are questions regarding whether an issue is material or not.
- Care should be taken not to shortcut or eliminate any steps outlined in the Policy on an ad hoc basis. However, the Policy is not necessarily intended to be a rigid list of procedural requirements, but instead to provide guidelines for disclosure review. If warranted, based on experience during financings or because of additional SEC pronouncements or other reasons, the District should consider revisions to the Policy.
- The process of updating the District Section from transaction to transaction should not be viewed as being limited to updating tables and numerical information. While it is not anticipated that there will be major changes in the form and content of the District Section at the time of each update, everyone involved in the process should consider the need for revisions in the form, content and tone of the sections for which they are responsible at the time of each update.

- The District must make sure that the staff involved in the disclosure process is of sufficient seniority such that it is reasonable to believe that, collectively, they are in possession of material information relating to the District, its operations and its finances.

TRAINING

The Policy shall be provided to all members of senior staff and any other member of the District staff that is involved in the District's disclosure obligations.

Periodic training for the staff involved in the preparation of the Official Statement (including the District Section) is coordinated by the finance team and the Chief Financial Officer. These training sessions are provided to assist staff members involved in identifying relevant disclosure information to be included in the District Section. The training sessions also provide an overview of federal laws relating to disclosure, situations in which disclosure rules apply, the purpose of the Official Statement and the District Section, a description of previous SEC enforcement actions and a discussion of recent developments in the area of local agency disclosure. Attendees at the training sessions are provided the opportunity to ask questions of finance team members, including Bond Counsel concerning disclosure obligations and are encouraged to contact members of the finance team at any time if they have questions.

ANNUAL CONTINUING DISCLOSURE REQUIREMENTS

In connection with the issuance or execution and delivery of Obligations, the District has entered into a number of contractual agreements (Continuing Disclosure Certificates) to provide annual reports related to its financial condition (including its audited financial statements) as well as notice of certain events relating to the Obligations specified in the Continuing Disclosure Certificates. The District must comply with the specific requirements of each Continuing Disclosure Certificate. The District's Continuing Disclosure Certificates generally require that the annual reports be filed within 270 days after the end of the District's fiscal year, and event notices are generally required to be filed within 10 days of their occurrence.

Specific events which require "material event" notices are set forth in each particular Continuing Disclosure Certificate.

The Chief Financial Officer shall be responsible for preparing and filing the annual reports and material event notices required pursuant to the Continuing Disclosure Certificates. Particular care shall be paid to the timely filing of any changes in credit ratings on Obligations (including changes resulting from changes in the credit ratings of insurers of particular Obligations).

**MESA WATER DISTRICT
DEBT DISCLOSURE POLICY**

RIDER A

The Chief Financial Officer, with the assistance of Bond Counsel, will provide written notice to the Mesa Water District (the District) Board of Directors (Board) of any receipt by the District of any default, event of acceleration, termination event, modification of terms (only if material or may reflect financial difficulties), or other similar events (collectively, a “Potentially Reportable Event”) under any agreement or obligation to which the District is a party and which may be a “financial obligation” as discussed below. Such written notice should be provided by the Chief Financial Officer to the Board as soon as the Chief Financial Officer is placed on written notice by District staff, consultants, or external parties of such event or receives written notice of such event. The Chief Financial Officer, with the assistance of bond and dDisclosure eCounsel, will determine and notify the Board whether notice of such Potentially Reportable Event is required to be filed on EMMA pursuant to the disclosure requirements of SEC Rule 15c2-12 (the “Rule”). If filing on EMMA is required, the filing is due within 10 business days of such Potentially Reportable Event to comply with the continuing disclosure undertaking for the various debt obligations of the District.

The Chief Financial Officer, with the assistance of Bond Counsel, will report to the Board regarding the execution by the District of any agreement or other obligation which might constitute a “financial obligation” for purposes of Rule 15c2-12. Amendments to existing District agreements or obligations with “financial obligation” which relate to covenants, events of default, remedies, priority rights, or other similar terms should be reported to the Board as well as soon as the Chief Financial Officer is placed on written notice by District staff, consultants, or external parties of such event or receives a written notice of such amendment requests. The Chief Financial Officer will determine, with the assistance of bond and dDisclosure eCounsel, whether such agreement or other obligation constitutes a material “financial obligation” for purposes of Rule 15c2-12. If such agreement or other obligation is determined to be a material “financial obligation” or a material amendment to a “financial obligation” described above, notice thereof would be required to be filed on EMMA within 10 business days of execution or incurrence. The types of agreements or other obligations which could constitute “financial obligations” and which could need to be reported on EMMA include:

1. Bank loans or other obligations which are privately placed;
2. State or federal loans;
3. Commercial paper or other short-term indebtedness for which no offering document has been filed on EMMA;
4. Letters of credit, surety policies or other credit enhancement with respect to the District’s publicly offered Debt;
5. Letters of credit, including letters of credit which are provided to third parties to secure the District’s obligation to pay or perform (an example of this is a standby letter of credit delivered to secure the District’s obligations for performance under a mitigation agreement);
6. Capital leases for property, facilities, fleet or equipment; and

7. Agreements which guarantee the payment or performance obligations of a third party (regardless of whether the agreements constitute guarantees under California law).

DRAFT

Types of agreements which could be a “financial obligation” under the Rule include:

1. Payment agreements which obligate the District to pay a share of another public agency’s debt service (for example, an agreement with a joint powers agency whereby the District agrees to pay a share of the joint powers agency’s bonds, notes or other obligations); and
2. Service contracts with a public agency or a private party pursuant to which the District is obligated to pay a share of such public agency or private party’s debt service obligation (for example, certain types of P3 arrangements).

Types of agreements which may be a “financial obligation” subject to the Rule include:

1. Any agreement the payments under which are not characterized as an operation and maintenance expenses for accounting purposes if such agreement could be characterized as the borrowing of money.

The Chief Financial Officer will continue to work with bond and Disclosure Counsel to refine the definition of financial obligation going forward based on future SEC guidance.

SECONDARY MARKET DISCLOSURE

On February 7, 2020, the SEC released a staff legal bulletin (the “Bulletin”) concerning secondary market disclosure in the municipal bond market. The Bulletin included SEC staff views on a variety of matters, including but not limited to, the applicability of the federal securities law to public agency websites, reports delivered to governmental and institutional bodies and statements made by public officials including elected board members. Documents, reports and other written statements of the District which contains current financial and operational conditions of the District will be included in a section of the District’s website appropriately identified. The District and its Disclosure Counsel have reviewed the Bulletin and have incorporated certain SEC staff recommendations into this Policy and into disclosure training for staff and Board members. The District and its Disclosure Counsel will be cognizant of the SEC staff reviews contained in the Bulletin as secondary market disclosures arise.

CERTIFICATION AND RECEIPT OF UNDERSTANDING

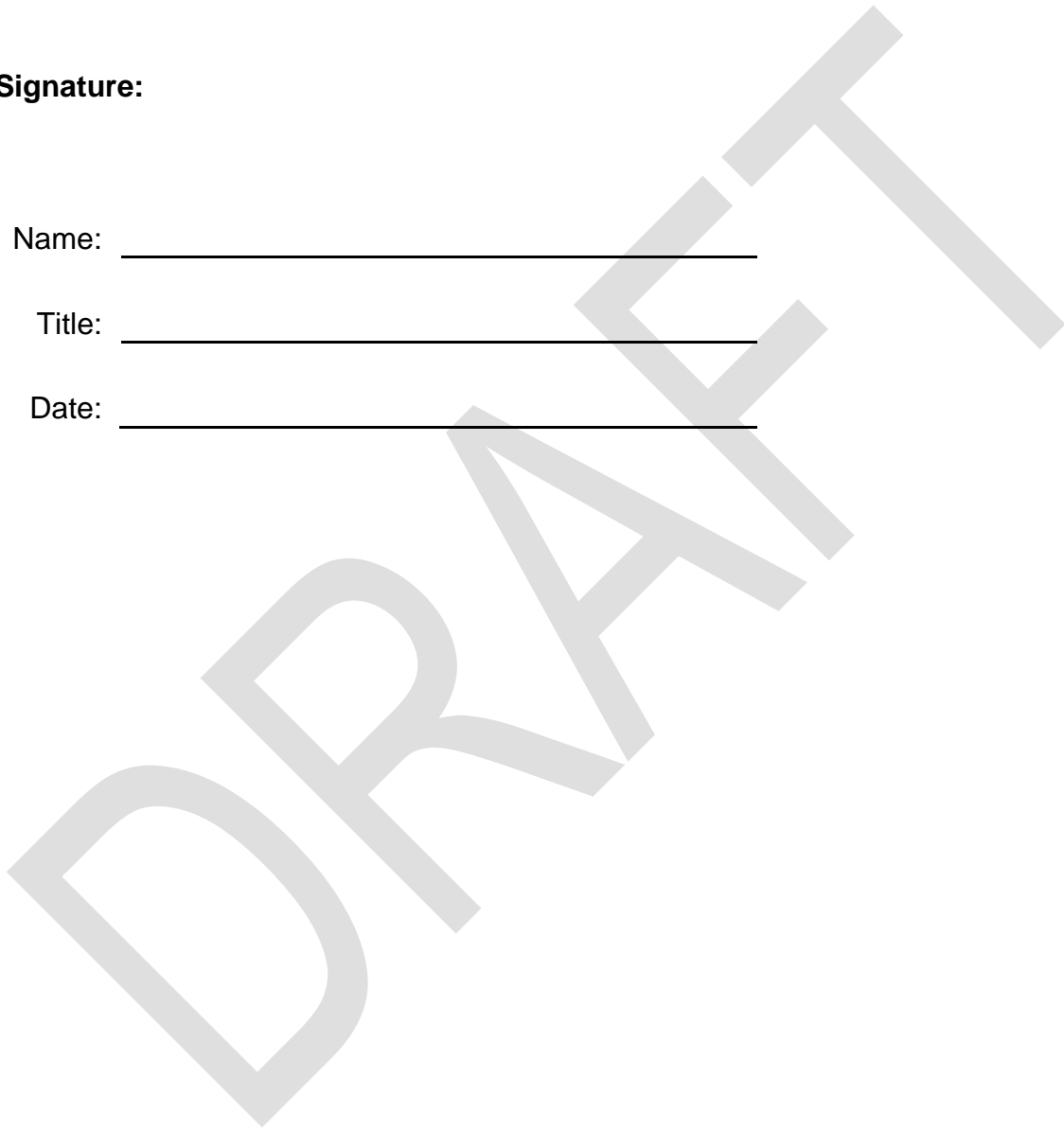
I certify that I have received a copy of the Mesa Water District Debt Disclosure Policy. I have reviewed and understand its contents and agree to abide by the principals and requirements in the Debt Disclosure Policy.

Signature:

Name: _____

Title: _____

Date: _____



RESOLUTION NO. 1532

RESOLUTION OF THE MESA WATER DISTRICT BOARD OF DIRECTORS AUTHORIZING THE EXECUTION AND DELIVERY OF REVENUE CERTIFICATES OF PARTICIPATION AND APPROVING THE EXECUTION AND DELIVERY OF CERTAIN DOCUMENTS IN CONNECTION THEREWITH AND CERTAIN OTHER MATTERS

WHEREAS, the Mesa Water District (District) is a county water district organized and operating pursuant to the provisions of the laws of the State of California (State or California); and

WHEREAS, Mesa Water District's Board of Directors (Board) has determined that it is in the best interest of the District to acquire and/or construct certain improvements to the District's water system and to pay certain costs in connection therewith; and

WHEREAS, such improvements will be funded from the proceeds of revenue certificates of participation (Certificates) to be executed and delivered through the Mesa Consolidated Water District Improvement Corporation.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE MESA WATER DISTRICT DOES HEREBY RESOLVE, DETERMINE AND ORDER AS FOLLOWS:

Section 1. The Installment Purchase Agreement, in substantially the form on file with the District Secretary, is hereby approved, subject to final approval as to form by the law firm of Stradling Yocca Carlson & Rauth, a Professional Corporation (Special Counsel). The President and District Secretary are hereby authorized and directed to execute and deliver the Installment Purchase Agreement with such changes, insertions and omissions as may be approved by Special Counsel, said District officers' execution being conclusive evidence of such approval.

Section 2. The Trust Agreement, in substantially the form on file with the District Secretary, is hereby approved, subject to final approval as to form by Special Counsel. The President and District Secretary are hereby authorized and directed to execute and deliver the Trust Agreement with such changes, insertions and omissions as may be approved by Special Counsel, said District officers' execution being conclusive evidence of such approval.

Section 3. The Purchase Contract, in substantially the form on file with the District Secretary, is hereby approved, subject to final approval as to form by Special Counsel. The President or General Manager are hereby authorized

and directed to execute and deliver the Purchase Contract with such changes, insertions and omissions as may be approved by Special Counsel, said District officers' execution being conclusive evidence of such approval; provided, however, that in no event shall the aggregate principal amount of the Certificates exceed \$70,000,000 (except that such principal amount may be increased to provide original issue discount), nor shall the underwriter's discount exceed 0.37 percent, nor shall the true interest cost exceed 4.0 percent per annum.

Section 4. The Continuing Disclosure Certificate, in substantially the form on file with the District Secretary, is hereby approved, subject to final approval as to form by Special Counsel. The President and District Secretary are hereby authorized and directed to execute and deliver the Continuing Disclosure Certificate with such changes, insertions and omissions as may be approved by Special Counsel, said District officers' execution being conclusive evidence of such approval.

Section 5. The preparation and distribution of the Preliminary Official Statement, in substantially the form on file with the District Secretary, is hereby approved, subject to final approval as to form by Stradling Yocca Carlson & Rauth, a Professional Corporation (Disclosure Counsel). The General Manager is hereby authorized to sign a certificate pursuant to Rule 15c2-12 promulgated under the Securities Exchange Act of 1934 relating to the Preliminary Official Statement and the President and District Secretary are hereby authorized and directed to execute, approve and deliver the final Official Statement in the form of the Preliminary Official Statement with such changes, insertions and omissions as may be approved by Special Counsel, said District officers' execution being conclusive evidence of such approval. The Underwriter is hereby authorized to distribute copies of said Preliminary Official Statement to persons who may be interested in the initial purchase of the Certificates and is directed to deliver copies of any final Official Statement to all actual initial purchasers of the Certificates.

Section 6. The Board hereby authorizes the preparation, sale and delivery of the Certificates in an aggregate principal amount not to exceed \$70,000,000 to: (i) acquire and/or construct certain improvements to the District's water system, as described in the Installment Purchase Agreement; (ii) reimburse the District for costs previously expended on certain water system improvements, as described in the Installment Purchase Agreement; and (iii) pay certain costs of the sale and delivery of the Certificates, all in accordance with the terms and provisions of the Trust Agreement.

Section 7. The Board acknowledges that the good faith estimates of costs required by Section 5852.1 of the California Government Code are disclosed in the staff report and are available to the public at the meeting of the Board at which this Resolution is approved.

- Section 8.** The amendment to the District's Debt Management Policy, in the form on file with the District Secretary, is hereby approved. The execution and delivery of the Certificates is determined to be consistent with the District's Debt Management Policy and to the extent the execution and delivery of the Certificates is not in compliance with the District's Debt Management Policy, such noncompliance is waived in accordance with the terms of the District's Debt Management Policy.
- Section 9.** The amendment to the District's Debt Disclosure Policy, in the form on file with the District Secretary, is hereby approved.
- Section 10.** The President and the District Secretary, and such other officers of the District are authorized and directed, individually, to do any and all things and to execute and deliver any and all documents, which they may deem necessary or advisable in order to consummate the sale and delivery of the Certificates, the execution and delivery of the Installment Purchase Agreement, the Trust Agreement, the Continuing Disclosure Certificate, the Purchase Contract, the Preliminary Official Statement and the final Official Statement, and otherwise effectuate the purposes of this Resolution, and such actions previously taken by such officers are hereby ratified and confirmed.
- Section 11.** U.S. Bank National Association is hereby appointed to act as Trustee under the Trust Agreement.
- Section 12.** The District hereby approves the appointment of Stradling Yocca Carlson & Rauth, a Professional Corporation, as Special Counsel and Disclosure Counsel in accordance with the terms of the engagement letter in substantially the form on file with the District Secretary. The General Manager is hereby authorized and directed to execute and deliver the engagement letter.
- Section 13.** Unless otherwise defined herein, all terms used herein and not otherwise defined shall have the meanings given such terms in the Trust Agreement unless the context otherwise clearly requires.
- Section 14.** This Resolution shall take effect immediately.
- Section 15.** All recitals in this Resolution are true and correct and the Board so finds, determines and represents.

ADOPTED, SIGNED and APPROVED this 14th day of May, 2020 by a roll call vote.

AYES: DIRECTORS:
NOES: DIRECTORS:
ABSENT: DIRECTORS:
ABSTAIN: DIRECTORS:

Shawn Dewane
President, Board of Directors

Denise Garcia
District Secretary

DRAFT



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Syndie Ly, Human Resources Manager
DATE: May 14, 2020
SUBJECT: Fiscal Year 2021 Staffing Plan

RECOMMENDATION

Approve the proposed Fiscal Year 2021 Staffing Plan.

STRATEGIC PLAN

Goal #4: Increase public awareness about Mesa Water® and about water.
Goal #5: Attract and retain skilled employees.
Goal #6: Provide outstanding customer service.

DISCUSSION

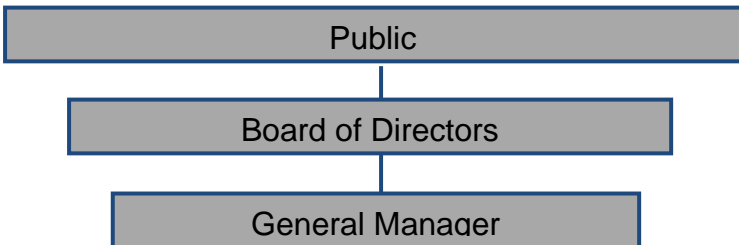
In addition to the previously agreed to changes outlined on the proposed Organizational Chart (Attachment A), staff is proposing to change the title of the External Affairs Manager to Water Policy Manager to better align with the role that the incumbent is performing. The External Affairs reference causes confusion with internal and external audiences, as this role strictly focus on water policies, regulations, and legislation.

FINANCIAL IMPACT

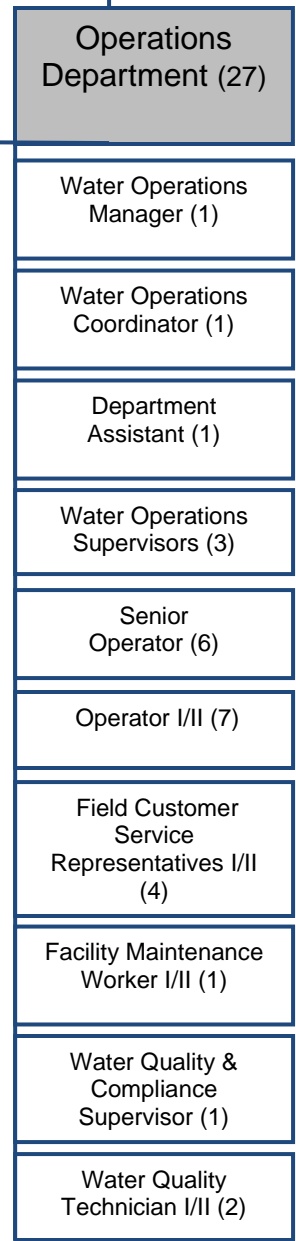
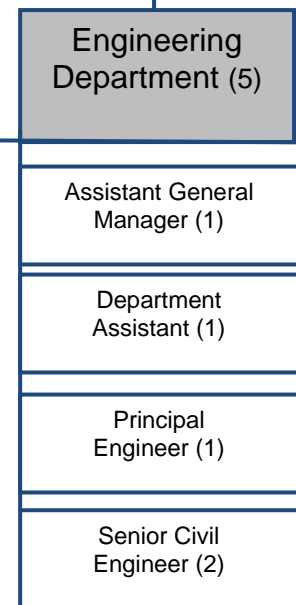
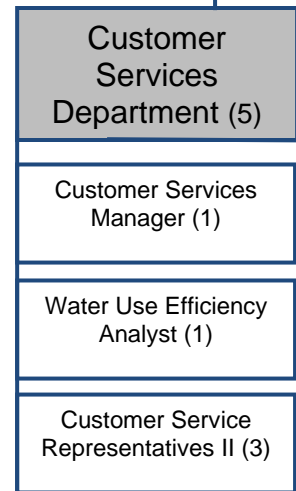
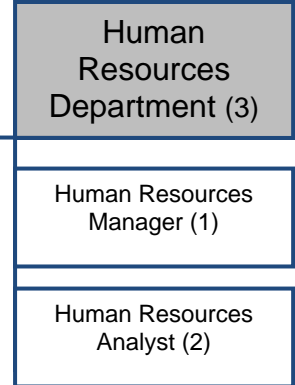
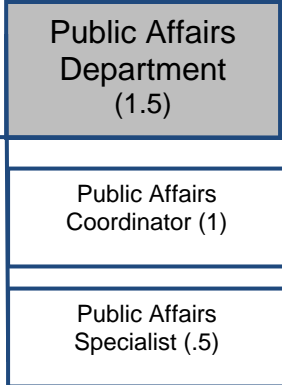
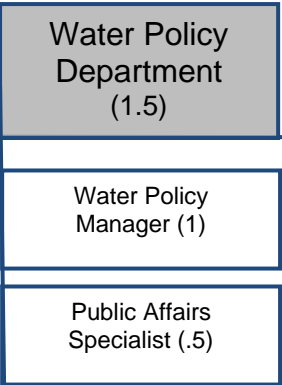
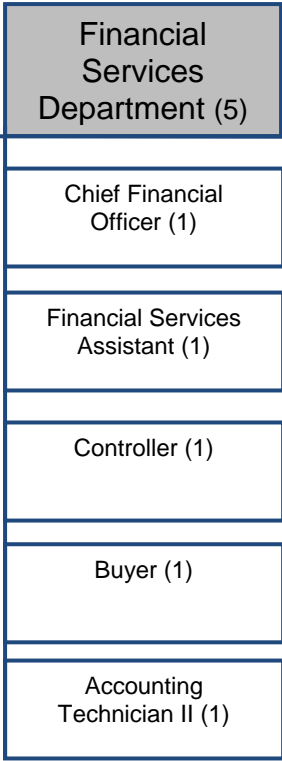
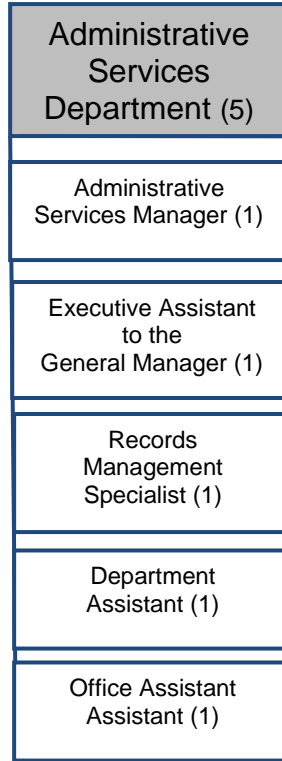
There is no financial impact.

ATTACHMENTS

Attachment A: Proposed Organizational Structure for FY 2021



- Proposed Staffing Plan FY 2021 – 55 FTE (not including Interns)**
- Eliminate Public Affairs Manager
 - Reclassify Department Assistant to Public Affairs Specialist
 - Add Principal Engineer
 - Eliminate Lead Field Customer Service Representative
 - Add Water Operations Supervisor
 - Repurpose Construction Inspector to Senior Operator
 - Change External Affairs Manager title to Water Policy Manager





*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Marwan Khalifa, CPA, MBA, Chief Financial Officer
DATE: May 14, 2020
SUBJECT: Proposed Fiscal Year 2021 Budget

RECOMMENDATION

Discuss and approve the proposed Fiscal Year 2021 Budget.

STRATEGIC PLAN

- Goal #1: Provide a safe, abundant, and reliable water supply.
- Goal #2: Practice perpetual infrastructure renewal and improvement.
- Goal #3: Be financially responsible and transparent.
- Goal #4: Increase public awareness about Mesa Water® and about water.
- Goal #5: Attract and retain skilled employees.
- Goal #6: Provide outstanding customer service.
- Goal #7: Actively participate in regional water issues.

DISCUSSION

Staff is pleased to present the proposed Fiscal Year (FY) 2021 Budget. The proposed FY 2021 Budget is based on Operating Revenues of \$39MM which reflect a 5.1% decrease over the prior year's budget. The proposed budget also includes Operating Expenses of \$27.3MM, comparable to the FY 2020 budget of \$27.8MM. Debt service is \$6.2MM in FY 2021, as a result of the issuance of the 2020 Certificates of Participation (COPs).

The proposed FY 2021 budget continues the Board of Directors' (Board) long standing goal of maintaining a AAA rating; the proposed budget continues to trend towards achieving the Days' Cash Ratio goal of 600 days. The Year-End FY 2021 budgeted Cash on Hand is \$43.3MM and the Days' Cash Ratio is 593 days. The District continues to look for additional ways to maintain a AAA rating which includes at least a 250% Debt Coverage Ratio, 600 Days' Cash, and \$39.7MM Cash on Hand.

Mesa Water District (Mesa Water®) continues to have no unfunded pension liability. As of March 31, 2020, the combined \$12.7MM in our pension and OPEB trusts exceeds the combined liability of \$12.4MM (as of June 30, 2019) by \$300,000.

In FY 2020, Mesa Water staff, at the direction of the Board, prepared a \$70MM Capital Improvement Program Renewal. This program will include two new groundwater wells, rehabilitation of two water storage reservoirs, development and construction of an education center at the Mesa Water Reliability Facility, and pipeline replacement. Mesa Water continues to invest in necessary capital infrastructure and expense projects that provide long-term efficiency and productivity gains. In FY 2020, the Information Technology (IT) Master Plan was completed and a total refresh was done for all employee computer hardware. Mesa Water continues to be the most efficient water district in Orange County. Mesa Water is still 100% local and reliable and does not take any import water to service its customers. In addition, Mesa Water continues its extensive outreach programs.



In FY 2020, Mesa Water was impacted by the global Covid-19 Pandemic. Staff has updated forecasts for the last quarter of the fiscal year to account for a reduction in water consumption of 20 percent from April 1, 2020 through June 30, 2020. The new forecast has revenue for FY 2020 at \$37.9MM, a 7.8% reduction from the original budget. Additionally, expenses are forecasted to be \$30.9MM, a 6.4% reduction from the original budget. The net impact for FY 2020 is that operating income will be \$700,000 less than the original budget.

The reduced revenue and expenses will result in Cash on Hand being \$33.4MM and Days' Cash of 486. Cash on Hand will be \$3.8MM less than the original budget and Days' Cash will be 13 days less than the original budget. Approximately, \$1.5MM of the reduced cash is a result of additional capital projects that will be reimbursed upon the issuance of Certificates of Participation.

The debt coverage at the end of FY 2020 is forecasted to be 244% which exceeds the current Board target of 150%.

The proposed FY 2021 budget provides the necessary resources, services, capital funding and staffing to supply water services to Mesa Water's customers. In addition, the proposed budget includes the 2017 adopted water rates, effective January 2021. With the per acre cost of recycled water increasing from \$867 per acre foot in FY 2020 to a budgeted \$905 per acre foot in FY 2021, a scheduled increase in recycled water rates has been included in the second half of the FY 2021 Budget.

The water costs are noted in the table below:

Year		Per Acre Foot		
		Replenishment Assessment	Recycled Water	Imported Variable Cost
2016	Actual	322.00	408.00	923/942
2017	Actual	402.00	478.40	942/979
2018	Actual	445.00	738.00	979/1,015
2019	Actual	462.00	838.00	1,015/1,050
2020	Actual	487.00	867.00	1,050/1,078
2021	Budgeted	487.00	905.00	1,078/1,131

Although Mesa Water does not plan to take any import water for the year, the variable cost of Coastal Pumping Transfer Program (CPTP) water is included in basin managed water. The variable cost of CPTP water will be partially offset by CPTP revenue.

Budgeted cash outflows include \$21.4MM in FY 2021 capital expenditures compared to \$6.3MM in the FY 2020 Budget, and \$6.2MM in FY 2021 debt service compared to \$4.1MM in the FY 2020 Budget.



Considering Mesa Water's commitment to the orderly replacement of capital assets, staff will focus on developing, replacing, and upgrading necessary water infrastructure. The proposed budget includes \$7.3MM for the Croddy & Chandler Wells and Pipeline Construction Project and \$1MM for Operations planned capital.

In FY 2021, staffing levels are projected to increase by two to 57.00 FTE's. Two limited term employees are needed to assist with the \$70MM Capital Improvement Program Renewal.

Efficiency improvements will continue through the implementation of a Human Resource Information System, improvements in Great Plains (financial software) and related Cogsdale (customer information system software) modules, and continued implementation of recommendations from the Business Process Evaluation.

FINANCIAL IMPACT

The FY 2021 Budget funds the Board's objectives and supports the Board's goals set out in Mesa Water's Strategic Plan.

ATTACHMENTS

Attachment A: Proposed Fiscal Year 2021 Budget

Attachment B: District Memberships

Attachment C: Board Conferences and Seminars

Attachment D: Community Outreach Events



MesaWater
DISTRICT[®]

**OPERATING
BUDGET**

FISCAL YEAR 2021

Mesa Water District | Costa Mesa, California

MesaWater.org

Dedicated to Satisfying our Community's Water Needs



PROPOSED BUDGET FISCAL YEAR 2021

Dedicated to Satisfying our Community's Water Needs

1965 Placentia Avenue, Costa Mesa, CA 92627
MesaWater.org ♦ 949.631.1200



MESA WATER'S VISION:

To be a top performing public water agency



MESA WATER'S MISSION:

Dedicated to Satisfying our Community's Water Needs



Mesa Water's Seven Strategic Goals:

Provide a safe, abundant, and reliable water supply.

Practice perpetual infrastructure renewal and improvement.

Be financially responsible and transparent.

Increase public awareness about Mesa Water and about water.

Attract and retain skilled employees.

Provide outstanding customer service.

Actively participate in regional water issues.



*Dedicated to
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Water Needs*

BOARD OF DIRECTORS

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General Manager

Denise Garcia
District Secretary

**Marwan Khalifa, CPA,
MBA**
District Treasurer

**Atkinson, Andelson,
Loya, Ruud & Romo**
Legal Counsel

May 14, 2020

On behalf of the Mesa Water District Board of Directors (Board), I am pleased to present the approved budget for Fiscal Year (FY) 2021.

Pure, plentiful and affordable water is fundamental to our quality of life, and key to the economic development of our community. The public infrastructure needed to convey water is in need of constant repair, replacement, and improvement. With an eye to the future, our Board is funding critical upgrades to our State of the Art system - ensuring the reliable and sustainable delivery of water to our constituents now and for the next 100 years.

The Board has approved a three year \$70MM Capital Improvement Program funded through Certificates of Participation. This program continues the District's key objective of providing a safe, abundant, and reliable water supply to our ratepayers at an affordable price. The dollars financed will put people to work, stimulate our local economy, and take advantage of historically low interest rates. Most importantly, this program will rebuild the District's supply system for generations to come.

Due to the ongoing Covid-19 pandemic Mesa Water District (Mesa Water®) has adjusted the FY 2021 budgeted revenues and expenses accordingly. Mesa Water expects operating revenues of \$39.0 million with \$27.3 million in operating expenses. Planned capital expenditures are \$21.4 million, and financial obligations for payment of principal and interest on debt are \$6.2 million.

Local groundwater is Mesa Water's best source of water, as it is high quality and lower in cost than water imported from the Colorado River and Northern California. The District's Mesa Water Reliability Facility (MWRF), completed in FY 2013, achieves the District's long-standing goal of serving 100 percent local, reliable supplies to its customers. In FY 2021, the MWRF is expected to supply 3,636 acre feet of water, or 23 percent of the District's potable water service. Local groundwater supplies, when compared with imported water, have lower energy costs and a reduced carbon footprint.

Although Mesa Water did not budget imported water in FY 2021, the District incurs fixed costs for imported water, which serves as Mesa Water's emergency back-up supply and allows for the District's participation in the Coastal Pumping Transfer Program. As a result of Covid-19, Orange County Water District (OCWD), the agency that manages the Orange County groundwater basin, will not be increasing the basin replenishment cost in FY 2021. However, it is still expected that OCWD's rates will increase annually over the next several years.

In FY 2021, Mesa Water continues its focus on essential services and improvements that will provide efficiency and productivity gains. To further enhance our ability to rely upon locally sourced groundwater, two new well sites will begin construction in FY 2021. Mesa Water's outreach programs encourage our customers to practice water use efficiency.

Budget decisions are based on detailed analysis of the District's management, technology, and operational practices. Mesa Water periodically benchmarks its performance compared to other agencies to ensure that customers receive full



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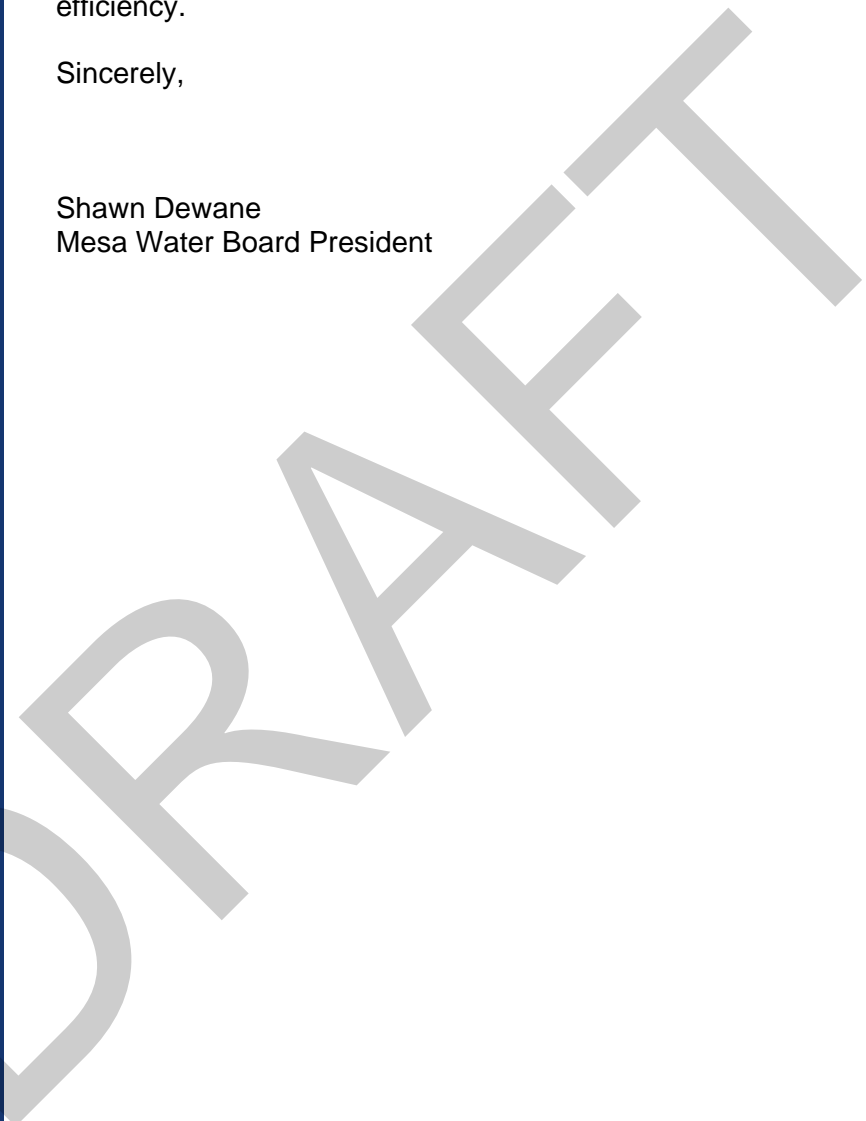
**Atkinson, Andelson,
Loya, Ruud & Romo**
Legal Counsel

value for the rates charged, and based on expenditures per capita, Mesa Water remains the most efficient water agency in Orange County.

In November 2017, Mesa Water conducted a public hearing and notification process to adopt a five-year rate adjustment. The third and fourth year rates and fees are scheduled in FY 2021, ensuring that Mesa Water continues to provide high-quality water to its customers, practices orderly capital infrastructure replacement, and continually improves its technological and operational efficiency.

Sincerely,

Shawn Dewane
Mesa Water Board President



Date: May 14, 2020

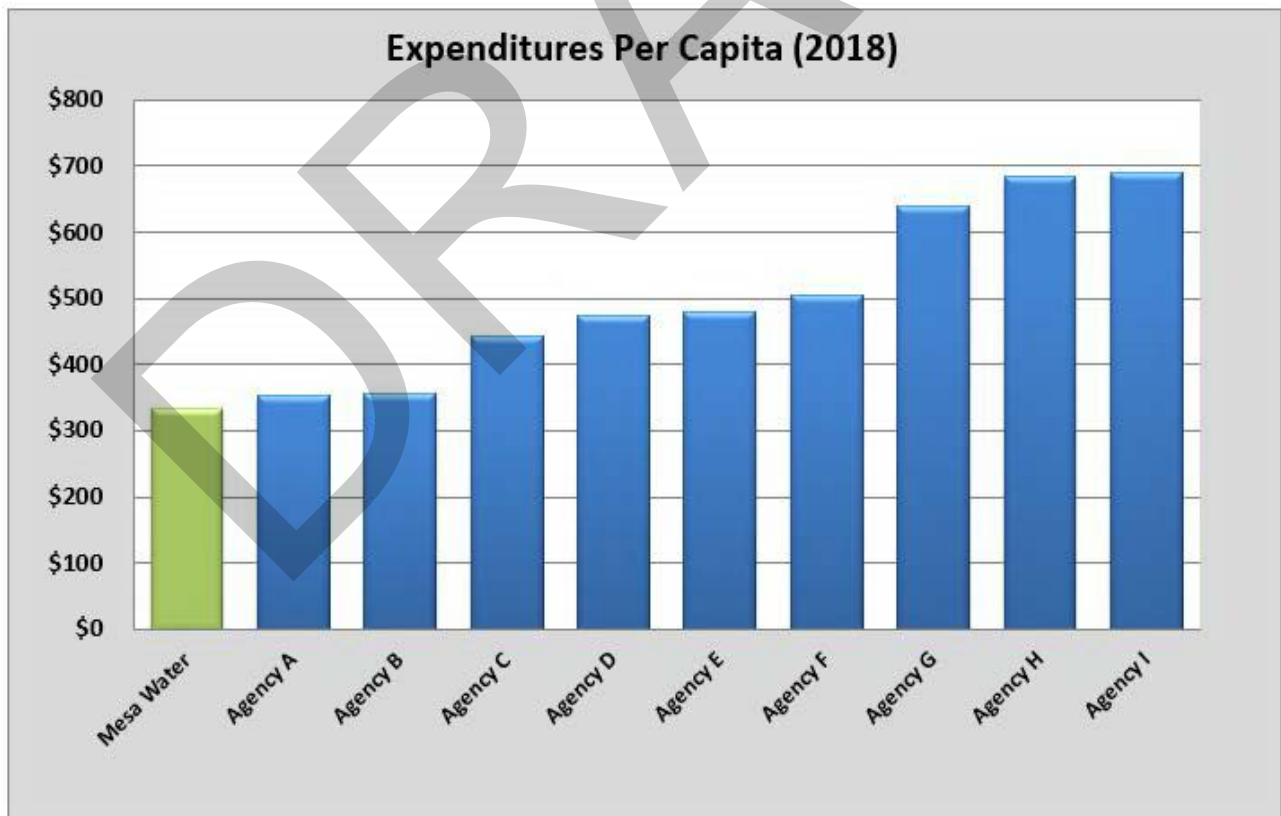
To: Mesa Water District Board of Directors

FISCAL YEAR 2021 BUDGET MESSAGE

I am pleased to present the Fiscal Year (FY) 2021 budget for Mesa Water District (Mesa Water®), beginning July 1, 2020 and ending June 30, 2021.

I would like to express my appreciation to the members of the Board of Directors (Board) for your confidence in Mesa Water's management team as well as your review, advice, suggestions, and policy direction during the budgeting process. This document reflects the time you spent considering and analyzing the District's financial well-being and role in this community. I would also like to thank staff for their contributions and participation in the development of the FY 2021 Budget.

Mesa Water's mission is "Dedicated to Satisfying our Community's Water Needs," and its strategic plan fulfills the District's mission through seven equal and important strategic goals. Mesa Water provides safe, high-quality water that meets or surpasses all Federal and State drinking water standards. The enhanced Mesa Water Reliability Facility (MWRF) allows the District to provide a 100 percent local and reliable, high-quality, and cost-effective water supply for our service area for decades to come. Furthermore, Mesa Water is the most cost efficient water agency in Orange County with the lowest annual *per capita* expenditures at \$334 *per capita* / year (Orange County industry range is \$334 to \$690 *per capita* / year).



Mesa Water District
Fiscal Year 2021 Budget

Organizational Priorities

In 2017, Mesa Water's Board reaffirmed the long-range financial plan and adopted multi-year rate increases from FY 2018 to FY 2022. In addition, the Board continued its credit worthiness goal as defined by Fitch, Standard & Poor's and other credible rating agencies. The goal was to improve Mesa Water's AAA credit rating to a strong AAA in five years. The Board continued to further measure the District's credit-worthiness at the end of each fiscal year by using the Days Cash Ratio, Cash on Hand, and debt coverage metrics. The Days Cash Ratio is defined as total cash available divided by Operating Expenses per days and is a measurement of an agency's ability to meet known and unanticipated expenses. At that time, the Board established a Days Cash Ratio goal of 600 days and Cash on Hand goal of \$39.7 million by the end of FY 2021.

The global COVID-19 pandemic has affected the local economy, including Mesa Water. The Board's foresight to plan for unexpected events, such as the current pandemic, ensures that Mesa Water will continue to be financially strong. Despite a decrease in production, due to ongoing closures of the local and national economy, the District has adjusted its forecasted FY 2020 results and still expects to finish the year with positive cash flow adding to reserves.

The FY 2021 Budget is lower than the FY 2021 Days Cash Ratio goal of 600 days but meets the Cash on Hand goal of \$39.7 million, with a budgeted Days Cash Ratio of 593 days and a budgeted Cash on Hand amount of \$43.3 million. This is due to a variety of reasons, including increased recycled water costs, reduced revenue due to decreased demand resulting from the COVID-19 stay at home order, and implementing a more robust Capital Improvement Program.

With Mesa Water's last debt issuance in June 2017, the Fitch agency issued a AAA credit rating. For this same debt issuance, Standard & Poor's issued a AA+ rating. Subsequently, in the fall of 2013 Standard & Poor's issued an updated AAA rating for the 2010 debt issuance. Mesa Water is continuing to work towards obtaining a strong AAA credit rating from all rating agencies.

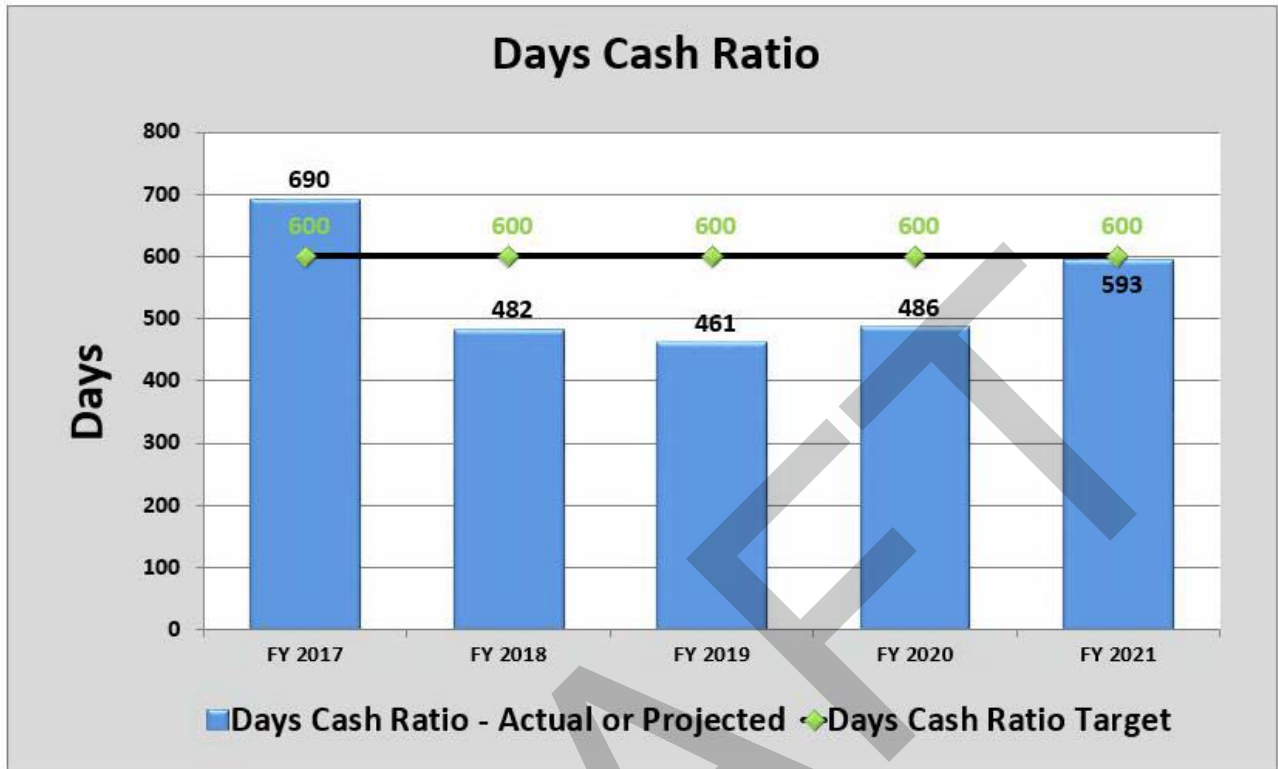
Although the Days Cash Ratio will be lower than the Board's goal, the District does not anticipate any change in its AAA rating from either Fitch or Standard & Poor's (S&P). Since the 2013 update of the long-range financial plan and the related rate increases, the mix and rating criteria by both rating agencies have continued to evolve. Although days cash is an important metric, it is only one of several economic, financial, operational, management, and debt factors used to determine an overall rating.

To qualify for Fitch's highest rating, one year's cash (365 days) would most likely be required. S&P's criteria for days cash also considers actual cash (balance). An overall range of 400-500 days cash, along with our other rating factors should maintain our AAA rating with both rating agencies.

Additionally, an important debt factor is debt service coverage. Fitch awards its highest score for coverage of 2.0 or greater, while S&P awards its highest score at 1.6 or above. The District anticipates that its debt service coverage ratio will remain above 2.0.

As the FY 2021 budget is lower than established Days Cash Ratio, Mesa Water will continue to allocate Designated Reserves (Funds) in FY 2021 in accordance with Board policy.

Mesa Water District
Fiscal Year 2021 Budget



Mesa Water District
Fiscal Year 2021 Budget

Mesa Water’s Strategic Plan

The following seven goals are reflected in the FY 2021 budget:

1. Provide a safe, abundant, and reliable water supply.
2. Practice perpetual infrastructure renewal and improvement.
3. Be financially responsible and transparent.
4. Increase public awareness about Mesa Water and about water.
5. Attract and retain skilled employees.
6. Provide outstanding customer service.
7. Actively participate in regional water issues.

Revenues

Mesa Water has budgeted 15,796 acre feet of potable water production and 1,073 acre feet of recycled water (total of 16,869 acre feet) for FY 2021, compared to 17,748 acre feet of potable water production and 1,206 acre feet of recycled water (total of 18,954 acre feet) budgeted for FY 2020. There is no CPTP water or imported water budget for FY 2021.

Changes by major category of Operating Revenues are summarized below:

	FY 2020 Budget	FY 2021 Budget	% Change
Operating Revenues:			
Water Consumption Sales	\$30,234,388	\$28,895,418	-4.4%
Monthly Meter Service Charge	7,902,531	8,362,553	5.8%
Recycled Water Sales	1,428,907	1,329,739	-6.9%
Concessions from Gov. Agencies	1,129,200	-	-100.0%
Other Charges and Services	398,600	398,350	-0.1%
TOTAL OPERATING REVENUES	\$41,093,626	\$38,986,060	-5.1%

Mesa Water’s FY 2021 Operating Revenues are budgeted at \$39.0 million compared to \$41.1 million in the FY 2020 budget, a -5.1 percent decrease. Additionally, the Fiscal Year 2021 budget includes revenues based upon the third and fourth tiers of new rate increases in potable water consumption rates and monthly meter service charges from the multi-year rate schedule adopted in 2017 as detailed below:

Mesa Water District
Fiscal Year 2021 Budget

ADOPTED SCHEDULE OF RATE CHANGES

	1/1/2018	1/1/2019	1/1/2020	1/1/2021	1/1/2022
Per Unit * (CCF):					
			Usage Charge Rate		
Potable	\$3.86	\$4.06	\$4.27	\$4.49	\$4.72
Meter Size:					
			Bi-monthly Meter Basic Charge Rate		
5/8"	\$24.69	\$25.93	\$27.23	\$28.60	\$30.03

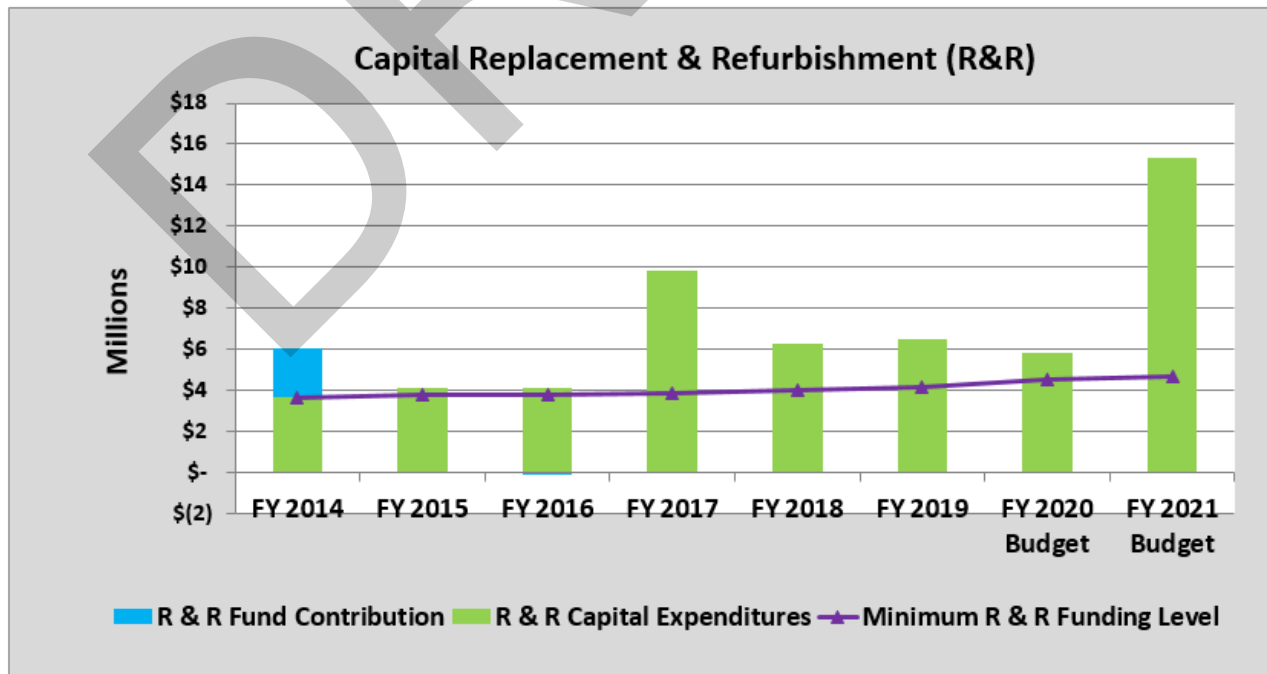
*One unit equals 100 cubic feet or 748 gallons.

Due to development activity revenue remaining less stable and being influenced by general economic conditions, revenues related to development activity are budgeted based on an eight-year rolling historical average. Mesa Water expects this method to reduce volatility in budgeting development revenues.

Capital Projects

The FY 2021 capital budget includes expenditures of \$21.4 million representing a 241.4 percent increase from the FY 2020 budget of \$6.3 million. This is part of a 3 year, 70 million, Capital Improvement Program Renewal (CIPR) that has been approved by The Board. The CIPR will be funded by a Certificate of Participation issuance in June of 2020. Mesa Water’s Strategic Goal #2 is, “Practice perpetual infrastructure renewal and improvement.” The District has a "perpetual agency" philosophy, and has adopted a long-range plan to manage, maintain, and develop its infrastructure.

In 2021, to further ensure the District’s ability to rely solely upon locally sourced groundwater, construction on the two new wells will begin. Funds will also be used for an education center at the MWRP, new pipelines and replacement of end-of-life pipelines, IT security, and scheduled annual replacements of hydrants, valves, and meters.



Mesa Water District
Fiscal Year 2021 Budget

Expenses

Included in the expense budget are several items which reflect the goals of Mesa Water’s Strategic Plan:

1. In FY 2021, Mesa Water will continue maintaining and updating Mesa Water’s Computerized Maintenance Management System (CMMS) and streamlining core business processes facilitated through the Business Process Evaluation Implementation. These projects contribute to Strategic Plan goal #3, “Be financially responsible and transparent.”
2. During FY 2021, Mesa Water will continue conducting outreach to its key audiences, consisting of customers (ratepayers); community members (residents, organizations, and businesses); Federal, State, County, and City elected officials; industry colleagues at OC municipalities, water districts and special districts; media; and current and former Mesa Water® staff and Board members. This outreach includes facilitating clear, concise, and constant communications; producing publications about Mesa Water and water; and running Mesa Water’s News Bureau and social media program. Mesa Water plans to conduct ongoing constituent relations activities such as its Speaker’s Bureau program, Town Hall, and Well Wisher meetings, participating in community events and giving tours of the MWRf to provide ongoing information about capital improvements projects and the related benefits. Mesa Water will continue offering water education programs including its Water Issues Study Group (WISG), assemblies for 5th-grade students at schools in Mesa Water’s service area, and promoting water stewardship and water use efficiency. These items contribute to the District’s Strategic Plan goals #4, “Increase public awareness about Mesa Water and about water,” and #6, “Provide outstanding customer service.”
3. Lastly, the District will continue its government relations work including legislative affairs and advocacy activities for issues that may impact Mesa Water and its constituents. These items contribute primarily to the District’s Strategic Plan goals #4, “Increase public awareness about Mesa Water and about water,” and #7, “Actively participate in regional water issues,” and secondarily to goals #3, “Be financially responsible and transparent,” #5, “Attract and retain skilled employees,” and #6, “Provide outstanding customer service.”

Mesa Water’s FY 2021 Operating Expenses are budgeted at \$27.3 million compared to \$27.8 million in the FY 2020 budget, a decrease of -1.9% in Operating Expenses. Changes by major category of Operating Expenses are summarized below:

	FY 2020 Budget	FY 2021 Budget	% Change
Operating Expense:			
Imported Sources of Supply	\$428,000	\$447,488	4.6%
Basin Managed Water	2,100,000	-	-100.0%
Clear Water	6,871,455	7,196,090	4.7%
Amber Water	3,131,338	3,158,770	0.9%
Recycled Water	1,045,602	971,065	-7.1%
Transmission and Distribution	5,431,780	5,807,010	6.9%
General and Administrative	8,796,635	9,709,031	10.4%
TOTAL OPERATING REVENUES	\$27,804,810	\$27,289,454	-1.9%

Basin Managed Water expense decreased due to CPTP program not being available in FY 2021.

Mesa Water District
Fiscal Year 2021 Budget

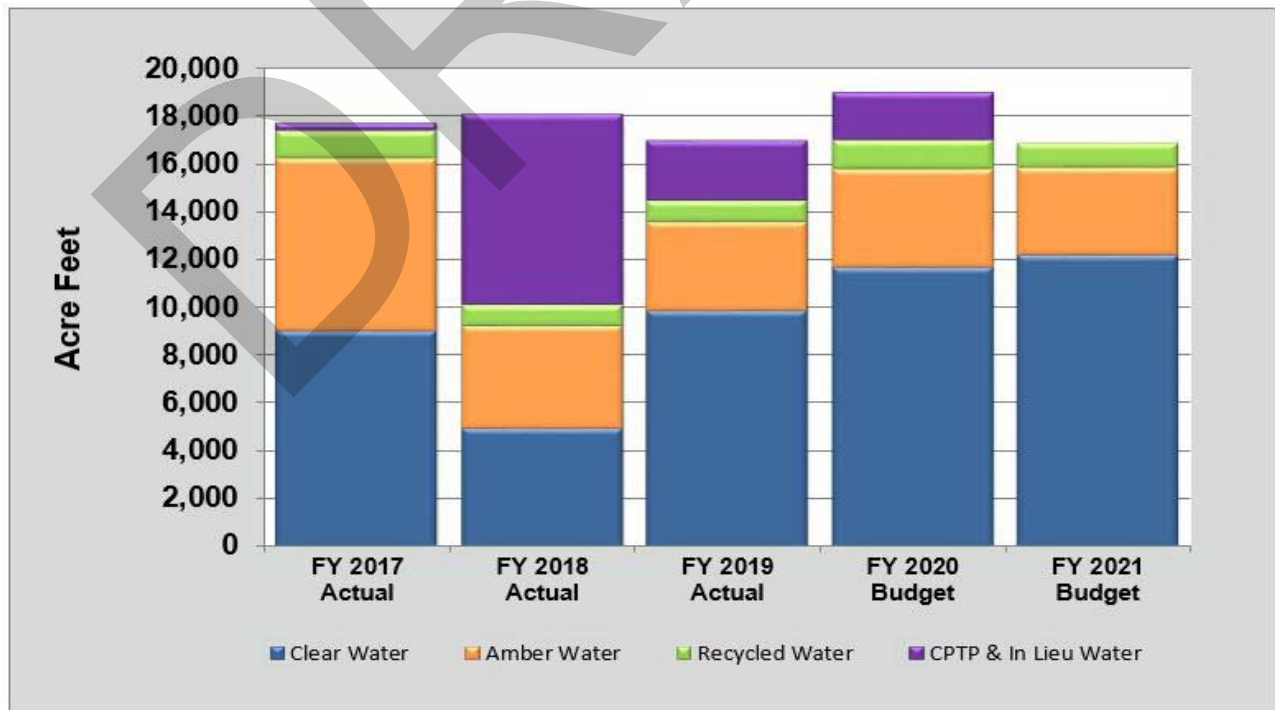
Economic and Policy Issues

In FY 2021, Mesa Water does not anticipate importing water from the Municipal Water District of Orange County (MWDOC). Imported water is higher in cost per acre foot in comparison to clear or amber water, with additional imported fixed costs charged to Mesa Water regardless of the amount of water purchased. Costs detailed below are comprised of (water production) operating expenses, net of Metropolitan Water District Local Resource Program (LRP) revenue:

Water Source	FY 2021 Budgeted Average Cost per Acre Foot
Clear Water	\$592
Amber Water (MWRF)	\$869 - \$157 LRP = \$712
Imported Water (None in FY2021)	\$1,078/\$1,131
Recycled Water	\$905

During FY 2021, Mesa Water expects Orange County Water District (OCWD) will not change the Basin Pumping Percentage (BPP) of 77 percent of total potable supply. The Replenishment Assessment (RA) acre foot charge by OCWD is expected to not change from \$487 due to the COVID-19 pandemic.

The MWRF Improvements Project was completed in FY 2013, and the MWRF was fully operational in FY 2014. In FY 2021, the MWRF is budgeted to run at an approximate capacity of 3,636 acre feet, complementing clear water production to achieve 100 percent locally-sourced water supplies. With the MWRF, Mesa Water has eliminated the need to purchase imported water in almost all circumstances. The following is a summary of sources of water for budgeted FY 2021:



Mesa Water District
Fiscal Year 2021 Budget

Staffing Levels

Staffing levels are projected to increase from FY 2020, by 2 in FY 2021 to 57.00 FTE's. These are 2 limited term employees to assist with the 70 million Capital Improvement Program.

Conclusion

Mesa Water continues to thrive as an organization. The budget demonstrates Mesa Water's commitment to meeting its financial and strategic goals. The District's Board of Directors and staff continue a tradition of innovation with ideas and methods for accomplishing Mesa Water's mission: *Dedicated to Satisfying our Community's Water Needs.*

Paul E. Shoenberger, P.E.
Mesa Water General Manager

DRAFT



Fiscal Year 2021 Budget

TABLE OF CONTENTS

Message from the President (open for final version).....	i
Letter of Transmittal.....	iii
Table of Contents	xi
<i>I. BUDGET SUMMARY</i>	
Comparative Statement of Revenues, Expenses, and Changes in Net Position	1
FY 2021 Departmental Statement of Revenues, Expenses, and Changes in Net Position.....	2
FY 2020 Departmental Statement of Revenues, Expenses, and Changes in Net Position.....	3
Capital Expenditures Summary.....	4
Pro Forma Statement of Cash Flows and Balance Sheet (open for final version).....	5
<i>II. BASIS OF THE BUDGET</i>	
Water Data.....	6
Water Supply Components.....	7
Production of Potable Water in Acre Feet, Monthly 4 Year Trend Analysis (Graph)	8
Water Supply Needs – Historical and Projected (Graph).....	9
Water Supply Needs – Historical and Projected with Best Fit Line (Graph)	10
Organizational Chart.....	11
Personnel Summary	12
Labor and Benefits Summary	13
COP Coverage Ratios	14
Designated Fund Levels.....	15
District Overview.....	16
Major Revenue Descriptions	17
Fund Description.....	19
Basis of Accounting	19
Budget Controls and Revisions	19
<i>III. DEPARTMENTS</i>	
General (Departments 000).....	20
Board of Directors (Department 100)	22
Office of the General Manager Department (Department 200).....	22
Water Costs (Departments 310, 320, and 330)	23
Water Operations Department (Department 300)	24
Engineering Department (Department 400)	24
Customer Services Department (Department 500).....	25
Financial Services Department (Department 600)	26
Public Affairs Department (Department 700)	27
External Affairs Department (Department 900)	27
Administrative Services Department (Department 800).....	28
Human Resources Department (Department 850)	28
<i>IV. APPENDIX</i>	
Glossary of Terms	Appendix 1



Fiscal Year 2021 Budget

Comparative Statement of Revenues, Expenses, and Changes in Net Position

	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET	PERCENTAGE CHANGE
OPERATING REVENUES:					
Water consumption sales	\$ 26,272,951	\$ 25,910,454	\$ 30,234,388	\$ 28,895,418	-4.43%
Monthly meter service charge	6,838,600	7,511,575	7,902,531	8,362,553	5.82%
Recycled water sales	1,137,748	1,119,273	1,428,907	1,329,739	-6.94%
Concessions from gov. agencies (incl. CPTP)	933,937	1,226,127	1,129,200	-	-100.00%
Other charges and services	522,073	400,446	398,600	398,350	-0.06%
TOTAL OPERATING REVENUES	35,705,309	36,167,875	41,093,626	38,986,060	-5.13%
OPERATING EXPENSES:					
Imported Water Fixed Costs	388,408	368,722	428,000	447,488	4.55%
Basin Managed Water	5,185,384	2,628,097	2,100,000	-	-100.00%
Clear water cost	2,776,268	5,453,136	6,871,455	7,196,090	4.72%
Amber water cost	3,134,554	2,967,369	3,131,338	3,158,770	0.88%
Recycled water	629,455	758,122	1,045,602	971,065	-7.13%
Transmission and distribution	6,132,007	5,482,303	5,431,780	5,807,010	6.91%
General and administrative	7,978,006	7,589,724	8,796,635	9,709,031	10.37%
TOTAL OPERATING EXPENSES	26,224,082	25,247,473	27,804,810	27,289,454	-1.85%
OPERATING INCOME BEFORE DEPRECIATION AND AMORTIZATION	9,481,227	10,920,402	13,288,816	11,696,606	-11.98%
Depreciation and amortization	(5,010,013)	(5,155,612)	(5,250,000)	(5,350,000)	1.90%
OPERATING INCOME	4,471,214	5,764,790	8,038,816	6,346,606	-21.05%
NONOPERATING REVENUES / (EXPENSES):					
Bond issuance costs	-	-	-	-	0.00%
Investment earnings (incl. unrealized)	535,930	1,872,020	465,000	435,000	-6.45%
Interest expense - long-term debt	(1,140,774)	(945,513)	(812,639)	(2,212,887)	172.31%
Gain (Loss) on sale/disposition of capital assets, net	17,397	(2,904)	(30,000)	(20,000)	-33.33%
Impairment of capital assets & termination of lease	-	-	-	-	0.00%
Other non-operating, net	38,350	91,145	(35,000)	(40,000)	14.29%
NONOPERATING REVENUES / (EXPENSES):	(549,097)	1,014,748	(412,639)	(1,837,887)	345.40%
INCOME BEFORE CAPITAL CONTRIBUTIONS	3,922,117	6,779,538	7,626,177	4,508,719	-40.88%
CAPITAL CONTRIBUTIONS:					
Capacity and installation charges	1,912,740	860,855	1,210,000	1,101,000	-9.01%
Capital Grants (includes LRP)	641,666	554,095	700,798	588,352	-16.05%
Developers and others	728,920	502,128	550,000	500,000	-9.09%
TOTAL CAPITAL CONTRIBUTIONS	3,283,326	1,917,078	2,460,798	2,189,352	-11.03%
CHANGE IN NET POSITION	\$ 7,205,443	\$ 8,696,616	\$ 10,086,975	\$ 6,698,071	-33.60%



Fiscal Year 2021 Budget

FY 2021 (Budget) Departmental Statement of Revenues, Expenses, and Changes in Net Position

	Consolidated (All Depts)	General (000), (020)	Board (100)	Office of the GM (200)	Water Ops (3XX)	Engineering (400)	Customer Services (500)	Financial Services (600)	Public Affairs (700)	Administrative Services (800)	Human Resources (850)	External Affairs (900)
OPERATING REVENUES:												
Water consumption sales	\$ 28,895,418	\$ 28,895,418	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly meter service charge	8,362,553	8,362,553	-	-	-	-	-	-	-	-	-	-
Recycled water sales	1,329,739	1,329,739	-	-	-	-	-	-	-	-	-	-
Concessions from gov. agencies (incl. CPTP)	-	-	-	-	-	-	-	-	-	-	-	-
Other charges and services	398,350	398,350	-	-	-	-	-	-	-	-	-	-
TOTAL OPERATING REVENUES	38,986,060	38,986,060	-	-	-	-	-	-	-	-	-	-
OPERATING EXPENSES:												
Imported and Basin Managed water costs	447,488	-	-	-	447,488	-	-	-	-	-	-	-
Clear water cost	7,196,090	-	-	-	7,196,090	-	-	-	-	-	-	-
Amber water cost	3,158,770	-	-	-	3,158,770	-	-	-	-	-	-	-
Recycled water	971,065	971,065	-	-	-	-	-	-	-	-	-	-
Transmission and distribution	5,807,010	-	-	-	5,059,221	747,789	-	-	-	-	-	-
General and administrative	9,709,031	-	366,397	1,687,465	-	-	1,844,541	1,307,569	868,371	2,140,548	1,004,750	489,390
TOTAL OPERATING EXPENSES	27,289,454	971,065	366,397	1,687,465	15,861,569	747,789	1,844,541	1,307,569	868,371	2,140,548	1,004,750	489,390
OPERATING INCOME BEFORE DEPRECIATION AND AMORTIZATION	11,696,606	38,014,995	(366,397)	(1,687,465)	(15,861,569)	(747,789)	(1,844,541)	(1,307,569)	(868,371)	(2,140,548)	(1,004,750)	(489,390)
Depreciation and amortization	(5,350,000)	(5,350,000)	-	-	-	-	-	-	-	-	-	-
OPERATING INCOME / (LOSS)	6,346,606	32,664,995	(366,397)	(1,687,465)	(15,861,569)	(747,789)	(1,844,541)	(1,307,569)	(868,371)	(2,140,548)	(1,004,750)	(489,390)
NONOPERATING REVENUES / (EXPENSES):												
Investment earnings	435,000	435,000	-	-	-	-	-	-	-	-	-	-
Interest expense - long-term debt	(2,212,887)	(2,212,887)	-	-	-	-	-	-	-	-	-	-
Loss on sale/disposition of capital assets, net	(20,000)	(20,000)	-	-	-	-	-	-	-	-	-	-
Loss on abandonment	-	-	-	-	-	-	-	-	-	-	-	-
Other non-operating, net	(40,000)	(40,000)	-	-	-	-	-	-	-	-	-	-
NONOPERATING REVENUES / (EXPENSES):	(1,837,887)	(1,837,887)	-	-	-	-	-	-	-	-	-	-
INCOME BEFORE CAPITAL CONTRIBUTIONS	4,508,719	30,827,108	(366,397)	(1,687,465)	(15,861,569)	(747,789)	(1,844,541)	(1,307,569)	(868,371)	(2,140,548)	(1,004,750)	(489,390)
CAPITAL CONTRIBUTIONS:												
Capacity and installation charges	1,101,000	1,101,000	-	-	-	-	-	-	-	-	-	-
Capital grants (includes LRP)	588,352	588,352	-	-	-	-	-	-	-	-	-	-
Developers and others	500,000	500,000	-	-	-	-	-	-	-	-	-	-
TOTAL CAPITAL CONTRIBUTIONS	2,189,352	2,189,352	-	-	-	-	-	-	-	-	-	-
CHANGE IN NET POSITION (2021 Budget)	\$ 6,698,071	\$ 33,016,460	\$ (366,397)	\$ (1,687,465)	\$ (15,861,569)	\$ (747,789)	\$ (1,844,541)	\$ (1,307,569)	\$ (868,371)	\$ (2,140,548)	\$ (1,004,750)	\$ (489,390)
CHANGE IN NET POSITION (2020 Budget)	\$ 10,086,975	\$ 36,846,183	\$ (345,682)	\$ (1,519,228)	\$ (17,123,169)	\$ (839,403)	\$ (1,803,291)	\$ (938,416)	\$ (870,132)	\$ (2,046,723)	\$ (819,572)	\$ (453,592)



Fiscal Year 2020 Budget

FY 2020 (Budget) Departmental Statement of Revenues, Expenses, and Changes in Net Position

	Consolidated (All Depts)	General (000), (020)	Board (100)	Office of the GM (200)	Water Ops (3XX)	Engineering (400)	Customer Services (500)	Financial Services (600)	Public Affairs (700)	Administrative Services (800)	Human Resources (850)	External Affairs (900)
OPERATING REVENUES:												
Water consumption sales	\$ 30,234,388	\$ 30,234,388	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly meter service charge	7,902,531	7,902,531	-	-	-	-	-	-	-	-	-	-
Recycled water sales	1,428,907	1,428,907	-	-	-	-	-	-	-	-	-	-
Concessions from gov. agencies (incl. CPTP)	1,129,200	1,129,200	-	-	-	-	-	-	-	-	-	-
Other charges and services	398,600	398,600	-	-	-	-	-	-	-	-	-	-
TOTAL OPERATING REVENUES	41,093,626	41,093,626	-	-	-	-	-	-	-	-	-	-
OPERATING EXPENSES:												
Imported and Basin Managed water costs	2,528,000	-	-	-	2,528,000	-	-	-	-	-	-	-
Clear water cost	6,871,455	-	-	-	6,871,455	-	-	-	-	-	-	-
Amber water cost	3,131,338	-	-	-	3,131,338	-	-	-	-	-	-	-
Recycled water	1,045,602	1,045,602	-	-	-	-	-	-	-	-	-	-
Transmission and distribution	5,431,780	-	-	-	4,592,376	839,403	-	-	-	-	-	-
General and administrative	8,796,635	-	345,682	1,519,228	-	-	1,803,291	938,416	870,132	2,046,723	819,572	453,592
TOTAL OPERATING EXPENSES	27,804,810	1,045,602	345,682	1,519,228	17,123,169	839,403	1,803,291	938,416	870,132	2,046,723	819,572	453,592
OPERATING INCOME BEFORE DEPRECIATION AND AMORTIZATION	13,288,816	40,048,024	(345,682)	(1,519,228)	(17,123,169)	(839,403)	(1,803,291)	(938,416)	(870,132)	(2,046,723)	(819,572)	(453,592)
Depreciation and amortization	(5,250,000)	(5,250,000)	-	-	-	-	-	-	-	-	-	-
OPERATING INCOME / (LOSS)	8,038,816	34,798,024	(345,682)	(1,519,228)	(17,123,169)	(839,403)	(1,803,291)	(938,416)	(870,132)	(2,046,723)	(819,572)	(453,592)
NONOPERATING REVENUES / (EXPENSES):												
Investment earnings	465,000	465,000	-	-	-	-	-	-	-	-	-	-
Interest expense - long-term debt	(812,639)	(812,639)	-	-	-	-	-	-	-	-	-	-
Loss on sale/disposition of capital assets, net	(30,000)	(30,000)	-	-	-	-	-	-	-	-	-	-
Loss on abandonment	-	-	-	-	-	-	-	-	-	-	-	-
Other non-operating, net	(35,000)	(35,000)	-	-	-	-	-	-	-	-	-	-
NONOPERATING REVENUES / (EXPENSES):	(412,639)	(412,639)	-	-	-	-	-	-	-	-	-	-
INCOME BEFORE CAPITAL CONTRIBUTIONS	7,626,177	34,385,385	(345,682)	(1,519,228)	(17,123,169)	(839,403)	(1,803,291)	(938,416)	(870,132)	(2,046,723)	(819,572)	(453,592)
CAPITAL CONTRIBUTIONS:												
Capacity and installation charges	1,210,000	1,210,000	-	-	-	-	-	-	-	-	-	-
Capital grants (includes LRP)	700,798	700,798	-	-	-	-	-	-	-	-	-	-
Developers and others	550,000	550,000	-	-	-	-	-	-	-	-	-	-
TOTAL CAPITAL CONTRIBUTIONS	2,460,798	2,460,798	-	-	-	-	-	-	-	-	-	-
CHANGE IN NET POSITION (2020 Budget)	\$ 10,086,975	\$ 36,846,183	\$ (345,682)	\$ (1,519,228)	\$ (17,123,169)	\$ (839,403)	\$ (1,803,291)	\$ (938,416)	\$ (870,132)	\$ (2,046,723)	\$ (819,572)	\$ (453,592)
CHANGE IN NET POSITION (2019 Budget)	\$ 8,375,285	\$ 33,824,443	\$ (393,304)	\$ (1,515,128)	\$ (16,117,224)	\$ (868,385)	\$ (1,608,920)	\$ (849,529)	\$ (701,849)	\$ (1,958,675)	\$ (981,624)	\$ (454,520)



**Fiscal Year 2021 Budget
Capital Expenditures Summary**

Description	FY 2020 Budget	FY 2021 Budget
WELLS:		
Croddy/Chandler Pipeline Design & Construction	\$ 195,000	\$ 7,283,650
RESERVOIRS:		
Water & Power System Reliability Assessment	-	30,000
MWRF Back-up Power Project	-	367,085
DISTRIBUTION:		
1951 CMLC Cohort Pipeline Replacement	-	333,590
Abandoned Vault Closures	-	2,257,652
Valve Replacements Assessment	-	811,470
Pipeline Integrity Testing Program	250,000	250,000
On-Call Services (Design, Paving, Const., & CM)	350,000	250,000
Other Agency Projects	1,118,152	75,000
OC44	2,109,720	-
ROUTINE OPERATIONS:		
Operations Routine Capital (Hyd., Valves, Meters, etc.)	1,000,000	1,000,000
NON-ROUTINE OPERATIONS:		
Operations Non-Routine Capital (Vehicles, Other)	145,000	174,000
DISTRICT FACILITIES:		
MWRF	-	2,799,371
Security System Replacement	-	296,250
Garage/Storage	-	331,250
Dewatering Pit	-	290,000
INFORMATION TECHNOLOGY:		
IT Upgrades	1,100,000	1,633,170
IT Project Support	-	400,000
MISC:		
Contingency	-	1,885,525
Total Capital	\$ 6,267,872	\$ 20,468,013
Internal Labor, Material, Overhead	\$ - ¹	\$ 927,355
	\$ 6,267,872	\$ 21,395,368

¹ Included in above amounts.



Fiscal Year 2021 Budget

Pro Forma Statement of Cash Flows and Historical Condensed Balance Sheets

	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
CASH FLOWS FROM OPERATING ACTIVITIES:				
Operating Income	\$ 4,471,214	\$ 5,764,790	\$ 8,038,816	\$ 6,346,606
Adjustments				
Depreciation	5,010,013	5,155,612	5,250,000	5,350,000
Other	1,538,843	178,294	-	-
Changes in assets & liabilities	4,853,944	111,085	(644,050)	670,000
Additional Pension Prepayment/Contribution	(12,000,000)	(1,000,000)	-	-
OPEB Trust Contribution	-	-	(110,000)	(110,000)
NET CASH PROVIDED BY OPERATING ACTIVITIES	3,874,014	10,209,781	12,534,766	12,256,606
CASH FLOWS FROM CAPITAL & FINANCING ACTIVITIES:				
Acquisition and construction of capital assets	(11,484,120)	(10,657,815)	(6,267,872)	(21,395,368)
Proceeds from 2020 COPS	-	-	-	23,831,245
Impairment of capital assets & lease termination	-	-	-	-
Principal Paid on long-term debt	(2,705,000)	(2,605,000)	(2,785,000)	(2,975,000)
Interest Paid on long-term debt	(1,166,994)	(1,423,500)	(1,293,250)	(3,230,531)
Proceeds from capacity and installation charges	412,247	773,706	500,000	450,000
Proceeds from capital grant	641,666	554,095	700,798	588,352
NET CASH PROVIDED BY CAPITAL & FINANCING ACTIVITIES	(14,302,201)	(13,358,514)	(9,145,324)	(2,731,302)
CASH FLOWS FROM INVESTING ACTIVITIES:				
Investment earnings	509,055	410,802	400,000	375,000
NET CASH PROVIDED BY INVESTING ACTIVITIES	509,055	410,802	400,000	375,000
NET INCREASE IN CASH & CASH EQUIVALENTS	(9,919,132)	(2,737,931)	3,789,442	9,900,304
CASH & INVESTMENTS - beginning of year	44,566,841	34,647,709	33,374,259	33,409,220
CASH & INVESTMENTS - end of year	\$ 34,647,709	\$ 31,909,778	\$ 37,163,701	\$ 43,309,524



**Fiscal Year 2021 Budget
Water Data**

Water Revenue Data

Revenue

	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
All Potable Water Revenue	\$ 26,272,951	\$ 25,910,454	\$ 30,234,388	\$ 28,895,418
Recycled Water Revenue	1,137,748	1,119,273	1,428,907	1,329,739
Total Water Revenue	\$ 27,410,699	\$ 27,029,727	\$ 31,663,295	\$ 30,225,157

Acre Feet Sold

Potable	17,059	16,110	16,978	15,164
Recycled	853	916	1,206	1,073
Total Acre Feet	17,912	17,026	18,184	16,237

Revenue Per Acre Foot

<i>Potable</i>	\$ 1,540.12	\$ 1,608.35	1,780.80	1,905.51
<i>Recycled</i>	1,333.82	1,221.91	1,184.83	1,239.27
Total Revenue Per Acre Foot	\$ 1,530.30	\$ 1,587.56	\$ 1,741.27	\$ 1,861.48

Water Cost Data

Cost

Imported and Basin Managed Water	\$ 5,573,792	\$ 2,996,819	\$ 2,528,000	\$ 447,488
Clear Water	2,776,268	5,453,136	6,871,455	7,196,090
Amber Water	3,134,554	2,967,369	3,131,338	3,158,770
Total Potable Water	11,484,614	11,417,324	12,530,793	10,802,348
Recycled Water	629,455	758,122	1,045,602	971,065
Total Water Cost	\$ 12,114,069	\$ 12,175,446	\$ 13,576,395	\$ 11,773,413

Acre Feet Produced

Imported and Basin Managed Water	7,918	2,492	2,000	-
Clear Water	4,958	9,813	11,661	12,160
Clear & Imported and Basin Managed Water	12,876	12,305	13,661	12,160
Amber Water	4,326	3,760	4,087	3,636
Total Potable Water	17,202	16,065	17,748	15,796
Recycled	853	916	1,206	1,073
Total Acre Feet	18,055	16,981	18,954	16,869

Cost Per Acre Foot

<i>Imported Water (Variable Costs)</i>	\$ 997.00	\$ 1,032.50	\$ 1,064.00	\$ 1,104.50
<i>Clear Water</i>	559.96	555.71	589.27	591.78
<i>Amber Water</i>	724.58	789.19	766.17	868.75
<i>Recycled</i>	324.10	827.64	867.00	905.00
Total Cost Per Acre Foot	\$ 670.95	\$ 717.00	\$ 716.28	\$ 697.93

Imported Water Variable Costs per Acre Foot	\$979/1015	\$1015/1050	\$1050/1078	\$1078/1131
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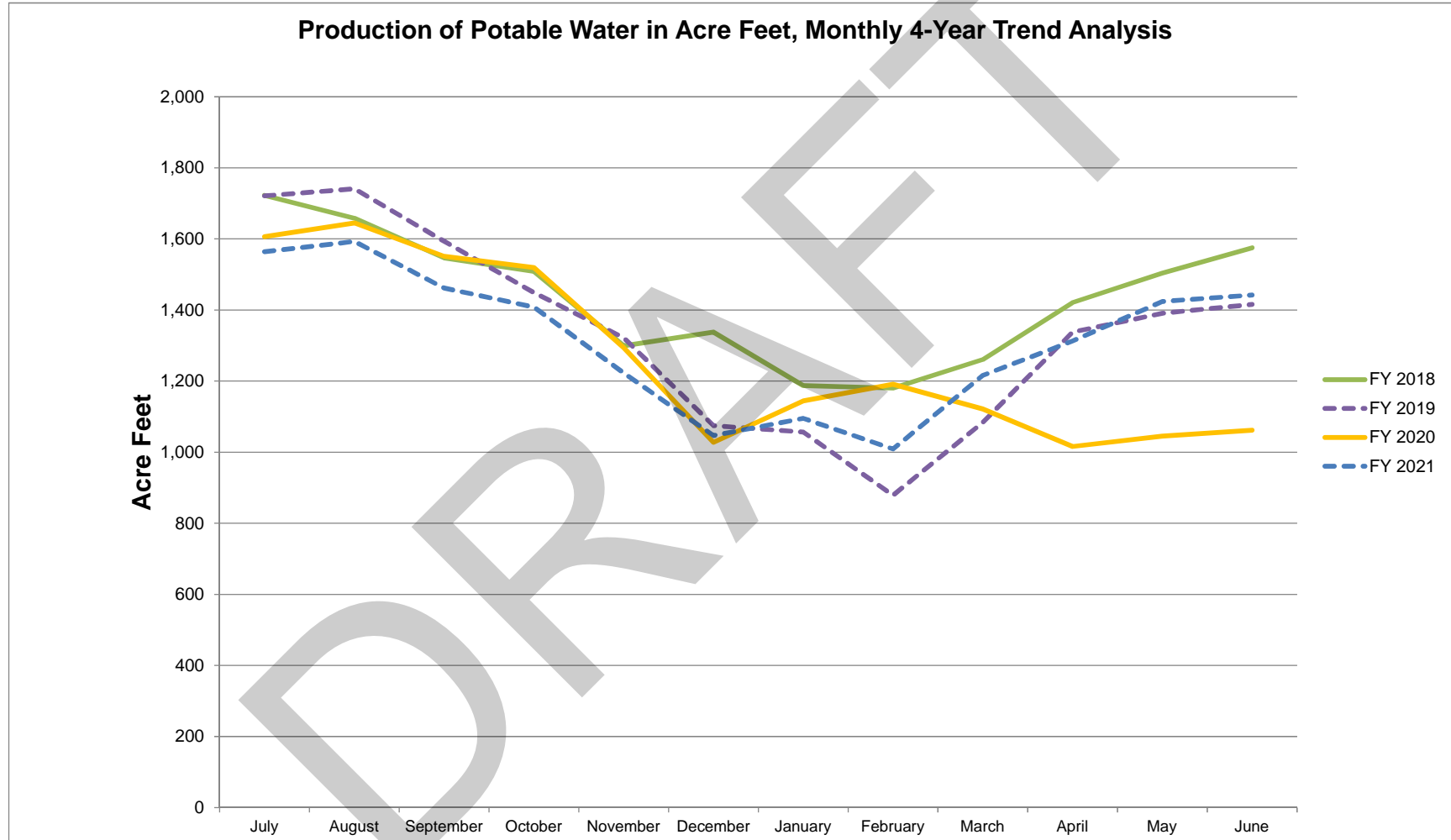


**Fiscal Year 2021 Budget
Water Supply Components**

	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
Clear Water Costs				
Basin Replenishment Assessment	\$ 5,374,849	\$ 4,512,463	\$ 5,678,907	\$ 5,921,920
Utilities Pumping	309,144	539,962	659,385	785,802
Treatment/ Labor and Materials	260,752	400,711	533,163	488,368
Total Clear Water Costs	\$ 5,944,745	\$ 5,453,137	\$ 6,871,455	\$ 7,196,090
Amber Water Costs				
Basin Replenishment Assessment	\$ 1,908,654	\$ 1,737,074	\$ 1,990,369	\$ 1,770,732
Utilities Pumping	641,789	608,965	529,922	665,578
Treatment/ Labor and Materials	584,111	621,329	611,047	722,460
Total Amber Water Costs	\$ 3,134,554	\$ 2,967,368	\$ 3,131,338	\$ 3,158,770
Imported Water Fixed Costs				
Readiness to Serve - Total Charge	\$ 36,236	\$ 1,407	\$ 38,748	\$ 3,000
Capacity Charge	-	-	-	-
Choice Charges	-	-	-	-
Retail Meter Charge - Total Charge	282,042	291,268	308,652	321,938
Shared Pipeline Maintenance Costs	49,800	48,000	39,600	97,150
	\$ 368,078	\$ 340,676	\$ 387,000	\$ 422,088
Retail Meter Charge - Per Meter (\$)	12.10	12.25	12.54	12.97
Basin Pumping Percentage	75%	77%	77%	77%



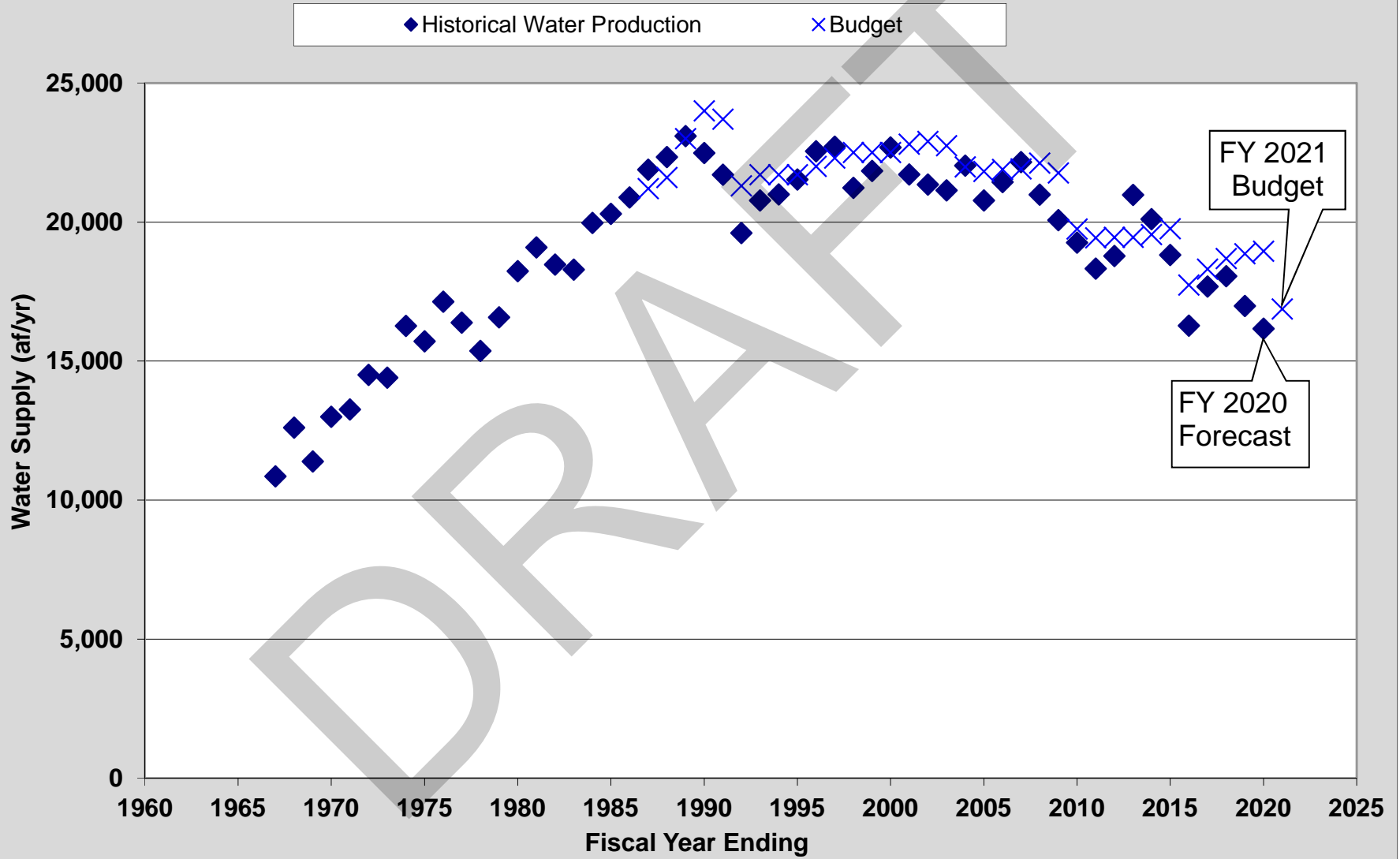
Fiscal Year 2021 Budget



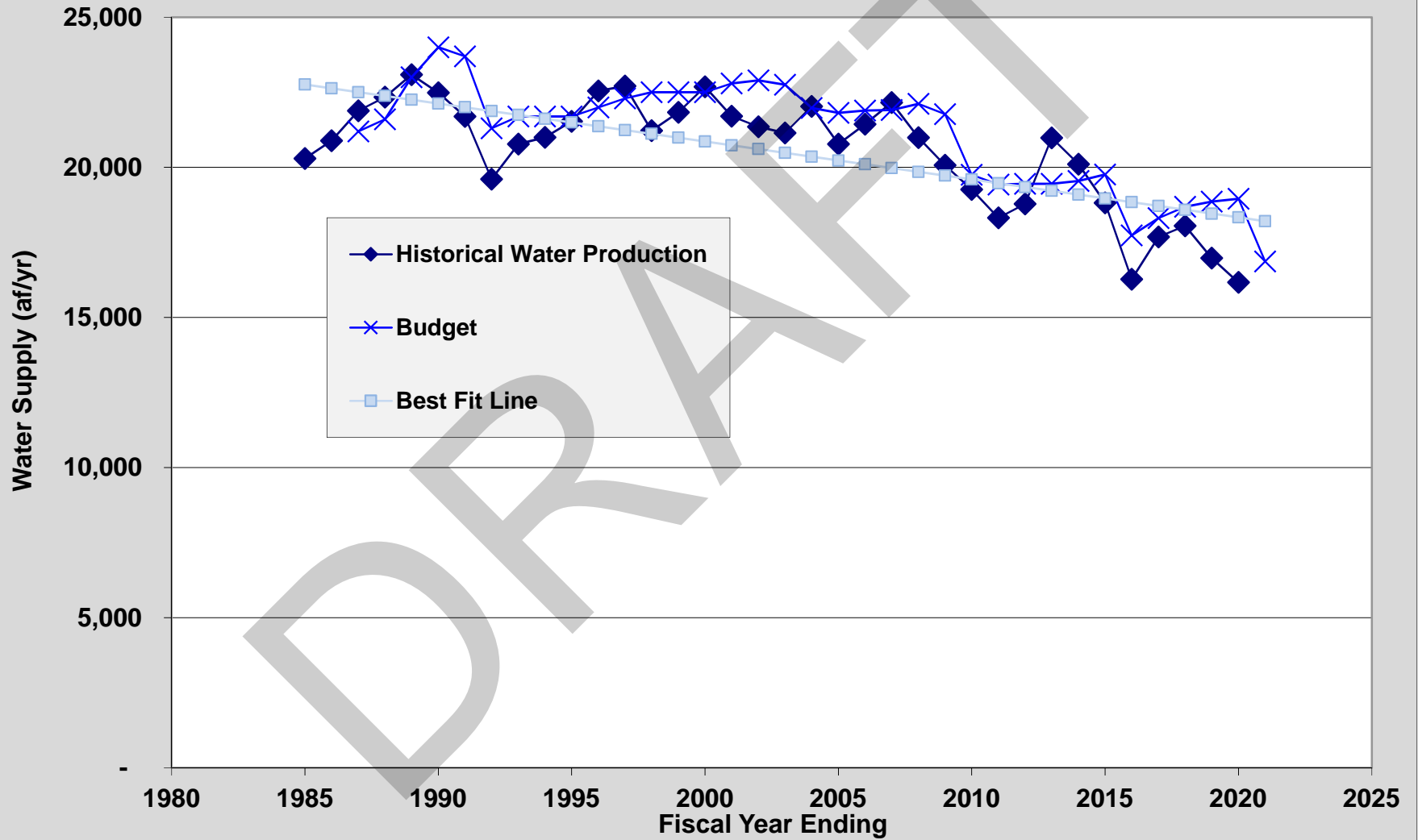
Water Production in Acre Feet

	July	August	September	October	November	December	January	February	March	April	May	June	Total
FY 2018	1,722.6	1,658.5	1,546.3	1,509.1	1,299.4	1,337.5	1,187.5	1,180.2	1,260.8	1,421.1	1,504.0	1,575.1	17,202.1
FY 2019	1,720.9	1,741.1	1,593.2	1,449.3	1,321.8	1,075.1	1,056.5	878.8	1,084.1	1,337.5	1,390.7	1,415.8	16,064.8
FY 2020	1,606.1	1,645.1	1,550.9	1,519.4	1,293.7	1,028.0	1,144.5	1,191.1	1,121.4	1,016.0	1,045.0	1,062.0	15,223.2
FY 2021	1,564.0	1,593.0	1,462.0	1,408.0	1,223.0	1,047.0	1,095.0	1,009.0	1,216.0	1,313.0	1,424.0	1,442.0	15,796.0

Fiscal Year 2021 Budget Water Supply Needs (Historical and Projected)

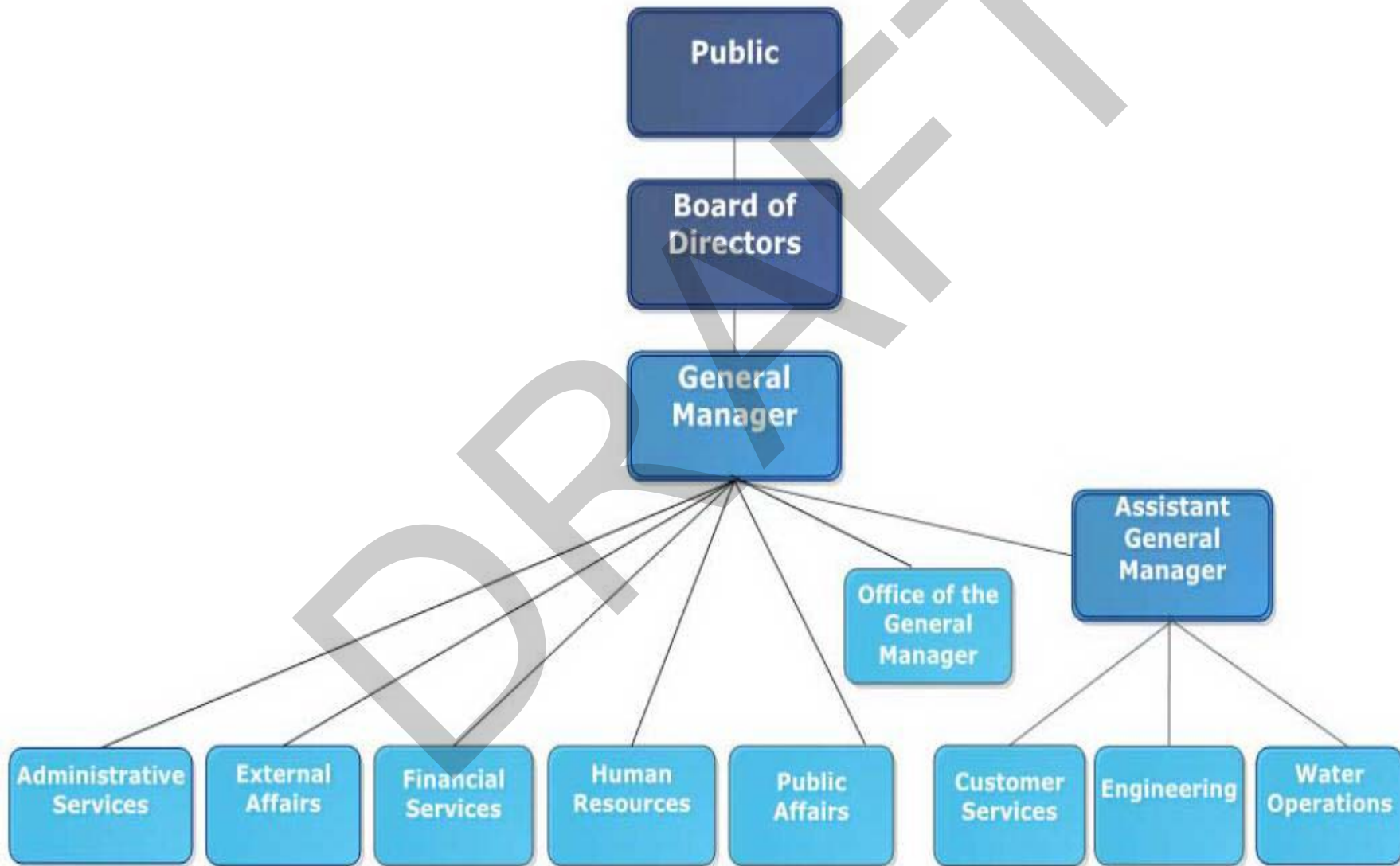


Fiscal Year 2021 Budget Water Supply Needs (Historical and Projected)





Mesa Water District FY 2021 Budget





**Fiscal Year 2021 Budget
Personnel Summary**

	FY 2018 Budget	FY 2019 Budget	FY 2020 Budget	FY 2021 Budget
OFFICE OF THE GENERAL MANAGER				
Executive Office	2	2	2	2
TOTAL DISTRICT MANAGEMENT	2	2	2	2
ADMINISTRATIVE SERVICES				
Administrative Services	4.75	5	5	5
Information Technology	2	0	0	0
TOTAL ADMINISTRATIVE SERVICES/IT	6.75	5	5	5
HUMAN RESOURCES				
Human Resources	3	3	3	3
TOTAL HUMAN RESOURCES	3	3	3	3
CUSTOMER SERVICES				
Customer Service	8	8	9	8
Conservation	1	1	1	1
TOTAL CUSTOMER SERVICE	9	9	10	9
ENGINEERING				
Engineering	5	5	4	5
TOTAL ENGINEERING	5	5	4	5
FINANCIAL SERVICES				
Financial Services	7	5	5	5
TOTAL FINANCIAL SERVICES	7	5	5	5
EXTERNAL AFFAIRS				
External Affairs	1.5	1.5	1.5	1.5
TOTAL EXTERNAL AFFAIRS	1.5	1.5	1.5	1.5
PUBLIC AFFAIRS				
Public Affairs	2.5	2.5	2.5	1.5
TOTAL PUBLIC AFFAIRS	2.5	2.5	2.5	1.5
WATER OPERATIONS				
Supervision/Support	6	6	6	7
Distribution	10	10	11	13
Production	3	3	3	3
Water Quality	2	2	2	2
TOTAL WATER OPERATIONS	21	21	22	25
TOTAL PERSONNEL	57.75	54.00	55.00	57.00

Notes:

- Five elected officials serve on Mesa Water's Board of Directors.
- Interns not included in above figures:

Interns	1.5	0.5	0.5	0.5
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**Fiscal Year 2021 Budget
Labor and Benefits Summary**

Category	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
Labor	\$4,588,206	\$4,795,468	\$6,116,182	\$6,665,253
FICA / Medicare	399,738	419,936	453,053	458,431
Workers Comp	135,594	105,144	188,771	205,160
Flex Credits	318,270	458,493	1,159,800	1,185,600
LTD/Life Insurance/EAP	30,113	32,178	41,542	55,297
Retirement	1,439,151	1,003,092	1,267,000	1,325,000
Total	\$6,911,072	\$6,814,310	\$9,226,348	\$9,894,741

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**Fiscal Year 2021 Budget
COP Coverage Ratios**

	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
Revenues				
Operating Revenue	\$ 34,771,372	\$ 34,941,748	\$ 39,964,426	\$ 38,986,060
Capacity and Installation Charges	1,912,740	860,855	1,210,000	1,101,000
Non-Operating Revenue	535,930	1,872,020	465,000	435,000
Total Revenues	37,220,042	37,674,623	41,639,426	40,522,060
Expenses (Excluding Depreciation Expense)				
Operating Expenses	26,224,082	25,247,473	27,804,810	27,289,454
Income available for debt service	\$ 10,995,960	\$ 12,427,150	\$ 13,834,616	\$ 13,232,606
Annual Debt Service, Senior Debt	\$ 1,974,000	\$ 4,028,500	\$ 4,078,250	\$ 4,129,000
Coverage Ratio, Senior Debt	557%	308%	339%	320%
Annual Debt Service, Subordinated Debt	\$ 1,896,727	\$ -	\$ -	\$ 2,076,531
Coverage Ratio, Total Debt	284%	308%	339%	213%



**Fiscal Year 2021 Budget
Designated Fund Levels**

	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET	DAYS
Customer & Development Deposits	\$ 4,000,000	\$ 3,750,000	\$ 3,500,000	\$ 3,250,000	N/A
Capital Replacement Fund	8,159,661	6,509,205	7,596,075	11,960,374	N/A
Other Funds					
Administrative & General Fund	1,436,936	1,383,423	1,489,579	1,824,620	25
Catastrophe Fund	8,118,688	7,816,341	11,171,840	13,137,265	180
	9,555,624	9,199,764	12,661,418	14,961,885	
Liquidity Funds					
Operating Funds (Target 120 days)	8,621,616	8,300,539	8,937,472	8,758,177	120
Rate Stabilization Funds (Target 60 days)	4,310,808	4,150,270	4,468,736	4,379,088	60
Total Liquidity Funds (Max 180 days total)	12,932,424	12,450,809	13,406,208	13,137,265	
Total Cash - Designated Funds	\$ 34,647,709	\$ 31,909,778	\$ 37,163,701	\$ 43,309,524	N/A
Operating Expense	\$ 26,224,082	\$ 25,247,473	\$ 27,184,810	\$ 26,639,454	
Cash per Day	\$ 71,847	\$ 69,171	\$ 74,479	\$ 72,985	
Days Cash Ratio Actual/Estimate	482	461	499	593	
Days Cash Ratio Target	600	600	600	600	

Fund Descriptions:

Customer & Development Deposits - Monies held on behalf of Mesa Water's customers as required for their utility account or as cash bonds for development projects.

Capital Replacement Fund - Used for the replacement of capitalized assets when they reach the end of their useful lives. The target level of the fund shall be \$10 million. The maximum will be based on Mesa Water's Asset Management Plan.

Administrative & General Fund - One of the two capital funds used to fund certain major general, administrative and overhead projects. It is intended to fund (or partially fund) offices, fixtures, furnishings, vehicles and equipment on a pay-as-you-go basis. The target level will equal 20 days of Mesa Water's budgeted total operating expenses and the maximum will be 25 days.

Catastrophe Fund - Used to begin repair of the water system after a catastrophic event, such as a severe earthquake or fire, while long-term financing is being arranged or insurance claims are being processed. The target level will equal 150 days of Mesa Water's budgeted total operating expenses and the maximum will be 180 days.

Operating Fund - Used for unanticipated operating expenses. This fund is designated to maintain working capital for current operations and to meet routine cash flow needs. The target level will equal 120 days of Mesa Water's budgeted total operating expenses and the maximum will be 120 days.

Rate Stabilization Fund - Used to provide flexibility to the Board of Directors when establishing rates such as absorbing temporary rate



Fiscal Year 2021 Budget

District Overview

Mesa Water District (Mesa Water) was formed on January 1, 1960, pursuant to Sections 33200 et. seq., of the California Water Code, which was designated as the Costa Mesa District Merger Law. The general provisions of this law called for the consolidation of four predecessor agencies: the Newport Heights Irrigation District; the Fairview County Water District; the Newport Mesa County Water District; and, the City of Costa Mesa Water Department.

Mesa Water is located in Orange County, California, and provides water to most of Costa Mesa, parts of Newport Beach, and some unincorporated areas of Orange County, including John Wayne Airport. The District serves 110,000 residents in an 18-square-mile area through approximately 24,850 metered accounts.

Potable water is produced from Mesa Water's groundwater wells. The District purchases non-potable, or recycled water, from the Orange County Water District (OCWD).

Due to the District's improved Mesa Water Reliability Facility (MWRF), Mesa Water meets 100 percent of its community's water needs with locally-sourced supplies. Mesa Water also has a 100 percent reliable back-up supply of imported water, if needed, from the Municipal Water District of Orange County (MWDOC).

The District's revenues result solely from its activities as a water utility and Mesa Water receives no tax revenues of any kind.

A five-person Board of Directors (Board), whose members serve overlapping four-year terms, governs Mesa Water. Each Director is elected by and represents one of five geographic divisions of approximately equal population within the District's service area. The Board elects one of its members to serve as President and another to serve as Vice President. The Board appoints the General Manager, District Secretary, Assistant District Secretary, District Treasurer, and Assistant District Treasurer. The General Manager is responsible for the day-to-day operations and administration of Mesa Water in accordance with the Board's policies.



Fiscal Year 2021 Budget

Major Revenue Descriptions

Water Sales Revenue

Usage Charge (potable and recycled) – This is the rate charged per unit (one hundred cubic feet or ccf) to customers based on actual consumption. Mesa Water has a uniform volumetric rate structure, which means all water use is charged at the same per-unit rate. For the first six months of the FY 2021 budget, the potable rate is \$4.27 per ccf, and the recycled rate is \$2.79 per ccf; and, for the second six months of the FY 2021 budget, the potable rate is \$4.49 per ccf, and the recycled rate is budgeted at \$2.93 per ccf. Mesa Water’s Board adopts water rates by resolution. In FY 2018, the Board adopted a multi-year rate resolution with rate increases each year through FY 2022. Usage charges are intended to cover the cost of treating and delivering water to Mesa Water’s customers. The budget for this revenue source is based on estimated water sales which have remained consistent due to Mesa Water’s service area being substantially built-out. The FY 2021 acre feet sales budgeted for both potable and recycled water are listed on page 6.

Construction Water Revenues – This revenue is for the use of temporary hydrant meters used during construction. The revenue includes both the daily rental rate for the meter, and the per-unit charge which is approximately 111 percent of the potable water rate based on the Board’s resolution. This revenue source is dependent solely on construction activity and is less predictable than other water revenue sources.

Fireline Revenues – This revenue is primarily from the stand-by charge for fireline services. Also, use of water other than for firefighting is charged at approximately 111 percent of the potable water rate based on the Board’s resolution. As Mesa Water’s service area is substantially built-out, this revenue source remains relatively consistent year-to-year.

Basic Charge – This charge is assessed per billing period (bi-monthly) and is a set charge based on meter size. This revenue source is intended to cover fixed charges such as financial obligations, customer service, public outreach, and administrative support, per the Board’s resolution. This revenue source is increasing, primarily due to the multi-year rate increase adopted by the Board in FY 2018. As Mesa Water’s service area is substantially built-out, there is limited growth in service connections.

LAFCO Surcharge – This is a pass-through surcharge from the Orange County Local Agency Formation Commission (LAFCO) for Mesa Water’s portion of LAFCO’s budget. This annual surcharge is charged once annually on the customer’s bill. For the FY 2021 budget, the LAFCO surcharge is an estimated total of \$24,850 in revenue.



Fiscal Year 2021 Budget

Major Revenue Descriptions, Continued

Non-Water Sales Revenue

Other Operating Revenues – These revenues include costs related to Mesa Water’s operations as a water utility that are not directly related to water sales. The major revenue sources in this category are: delinquent fees, new service establishment fees, and concessions from government agencies.

Delinquent fees are a result of the delinquent payment activity from customers. This revenue source has historically increased slightly from year-to-year. The Board periodically reviews the delinquent fees to ensure full cost recovery.

The new service establishment fee is charged when a new customer establishes an account with Mesa Water. The fee is intended to recover the costs associated with setting up a new account. This fee is reviewed periodically to ensure full cost recovery.

Non-Operating Revenues and Capital Contributions – The revenues under this category include interest earned on Mesa Water’s funds as well as development-related revenues such as capacity charges, inspection fees, plan check fees, and installation fees. The budget for interest earnings are based upon forecasted cash balances during the year as well as anticipated interest earnings from the State of California Local Agency Investment Fund (LAIF), and Mesa Water’s investment portfolio. Mesa Water elected to budget a low rate of return on its investments in FY 2021 based on current and anticipated market conditions.

The Metropolitan Water District of Southern California’s (MET’s) Local Resource Program (LRP), reimburses Mesa Water for a portion of its water production costs from the Mesa Water Reliability Facility (MWRF). By assisting in the development of local water sources, MET’s requirements to import water are reduced. In FY 2011, construction began on the MWRF to expand the facility and improve the treatment technology. Production of water commenced at the MWRF in FY 2013. The acre feet used for the budget are listed on page 6 and the reimbursement rate is budgeted at \$157 per acre foot. Mesa Water is not budgeting import water for FY 2021.



Fiscal Year 2021 Budget

Fund Description

Mesa Water reports its activities as a single enterprise fund, which is used to account for operations that are financed and operated in a manner similar to a private business enterprise, where the intent of Mesa Water is that the cost of providing water to its service area on a continuing basis be financed or recovered primarily through user charges (water sales and service charges), capital grants, and similar funding. Monies are set aside in designated funds for specific purposes based on Board policy or in reserve accounts as required by debt agreements. A listing and description of designated funds can be found on page 15.

Basis of Accounting

Accounting basis determines when transactions and economic events are reflected in the financial statements and the budget. Mesa Water prepares its audited financial statements and budgets on the accrual basis of accounting in which revenues are recognized in the accounting period when earned and expenditures are recorded in the accounting period when incurred. Mesa Water's budget and financial statements are consistent with Generally Accepted Accounting Principles (GAAP).

Budget Control and Revisions

Although Mesa Water is not legally required to adopt a budget, the Board annually adopts a fiscal year budget following a series of public meetings. This budget authorizes and provides the basis for reporting, control of financial operations, and accountability.

Mesa Water's budget is prepared on an annual basis using estimates and financial projections for the following fiscal year that meet the priorities and needs of the District.

A quarterly review of the Comparative Statement of Revenue, Expenses and Change in Net Position is conducted and reviewed by the Board's Finance Committee and Mesa Water management and staff. A monthly review of capital expenditures is conducted by the Board of Directors and Mesa Water staff.



**Fiscal Year 2021 Budget
Departmental Budgets**

	Dept. 000 - General, Page 1 of 2	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	REVENUE:				
40100	Usage Charge - Potable Water	\$ 25,691,711	\$ 25,880,705	\$ 30,074,388	\$ 28,743,418
40105	Water sold in lieu of lease payments	-	65,215	-	-
40149	Accrued Water Sales	401,096	(122,396)	-	-
40170	Construction Water Revenues	180,144	86,930	160,000	152,000
	TOTAL POTABLE CONSUMPTION REVENUES	26,272,951	25,910,453	30,234,388	28,895,418
40600	Basic Charge - Domestic	6,365,750	6,887,353	7,264,624	7,728,719
40650	Basic Charge - Fire Line	472,850	624,222	637,907	633,834
	TOTAL BASIC CHARGE REVENUES	6,838,600	7,511,575	7,902,531	8,362,553
40260	Usage Charge - Recycled Water	1,137,748	1,119,273	1,428,907	1,329,739
	TOTAL RECYCLED CONSUMPTION REVENUES	1,137,748	1,119,273	1,428,907	1,329,739
45700	Coastal Pumping Trns Pgm (CPTP)	933,937	1,226,127	1,129,200	-
	TOTAL CONCESSIONS FROM GOV'T AGENCIES	933,937	1,226,127	1,129,200	-
45100	New Service Establishment Fee	45,982	44,513	44,000	45,000
45105	LAFCO Surcharge	24,245	24,546	24,600	24,850
45110	Delinquent Fees	219,870	211,981	205,000	200,000
45115	Loss Recovery	11,257	18,074	10,000	12,500
45120	Cross Connection Testing Fee	6,570	8,640	5,000	6,000
45130	Plan Check Fees	21,614	55,480	40,000	45,000
45140	Water Use Efficiency Program benchmark	-	-	-	-
45300	Insurance reimbursement	114,396	63,222	-	-
45305	OC-44 HB contract revenue	-	-	25,000	35,000
45505	Sale of brass and scrap	2,479	5,665	5,000	5,000
45515	Other operating revenue	46,707	(16,124)	40,000	25,000
62100	Cash Over/Short	(92)	76	-	-
62190	Write-Off Bad Debt Exp	29,047	(15,626)	-	-
	TOTAL OTHER CHARGES AND SERVICES	522,074	400,446	398,600	398,350
	TOTAL OPERATING REVENUES	35,705,309	36,167,875	41,093,626	38,986,060



**Fiscal Year 2021 Budget
Departmental Budgets**

	Dept. 000 - General, Page 2 of 2	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	TOTAL OPERATING REVENUES (previous page)	35,705,309	36,167,875	41,093,626	38,986,060
	<i>Recycled Water Costs</i>				
50200	Recycled Water Costs	629,455	758,122	1,045,602	971,065
	TOTAL RECYCLED WATER COSTS	629,455	758,122	1,045,602	971,065
	<i>DEPRECIATION AND AMORTIZATION</i>				
70100	Amortization & depreciation	5,010,013	5,155,612	5,250,000	5,350,000
	TOTAL AMORTIZATION AND DEPRECIATION	5,010,013	5,155,612	5,250,000	5,350,000
	<i>INVESTMENT EARNINGS</i>				
46105	Interest earned OC Investment Pool	46,171	77,760	65,000	60,000
46110	Change fair value	(286,228)	597,871	(150,000)	(100,000)
46120	Interest Earned - Funds Under District Control	458,308	357,813	400,000	375,000
46125	Realized Gain/Loss on Investments	317,679	838,575	150,000	100,000
	TOTAL INVESTMENT EARNINGS	535,930	1,872,020	465,000	435,000
	<i>INTEREST EXPENSE</i>				
76115	2009 / 2020 COPs Interest expense	65,258	-	-	2,006,329
76120	2010 / 2017 COPs interest expense	1,450,975	1,385,510	1,252,635	1,110,615
76125	General interest expense	169	-	-	-
76130	2009 / 2017 COPs deferred amount	272,856	129,393	129,394	129,394
76815	2009 / 2020 Premium Amort Expense	(79,094)	-	-	(464,061)
76820	2010 / 2017 COPs premium amortization	(569,390)	(569,390)	(569,390)	(569,390)
	TOTAL INTEREST EXPENSE	1,140,774	945,513	812,639	2,212,887
	<i>OTHER NON-OPERATING</i>				
46805	Loss on disposal of equipment	-	-	(30,000)	(20,000)
46808	Loss on Abandonment	-	-	-	-
46810	Non Operating Revenue	279,211	186,820	75,000	80,000
76800	Non Operating Expense	(238,536)	(87,900)	(100,000)	(105,000)
76825	Bond Issuance Costs	-	-	-	-
76805	COPS Trustee Expense	(2,325)	(7,775)	(10,000)	(15,000)
	TOTAL OTHER NON-OPERATING	38,349	91,145	(65,000)	(60,000)
	TOTAL NON-OPERATING REVENUES/EXPENSE	(566,495)	1,017,652	(412,639)	(1,837,887)
	<i>CAPITAL CONTRIBUTIONS</i>				
48115	Capacity Charge Completed Projects	1,584,978	677,258	900,396	820,317
48125	Installation Fees Completed Projects	247,138	108,343	186,263	172,010
48135	Inspection Fees Completed Projects	80,625	75,254	123,341	108,673
48200	MWD Local Resource Prog - MWRF	625,078	554,095	683,298	570,852
48205	Utility Rebate - Water Operations	16,588	-	17,500	17,500
48300	Contributions from Developers	728,920	502,128	550,000	500,000
	TOTAL CAPITAL CONTRIBUTIONS	3,283,326	1,917,078	2,460,798	2,189,352
	Department Total	\$ 32,782,672	\$ 33,188,871	\$ 36,846,183	\$ 33,016,460



**Fiscal Year 2021 Budget
Departmental Budgets**

	Dept. 100 - Governance	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	PAYROLL EXPENSES:				
60115	Labor Taxes	\$ 9,734	\$ 10,099	\$ 12,733	\$ 13,357
60120	Labor Workers Comp	57,236	34,738	1,818	1,908
60130	Labor Directors Fee	131,424	134,112	174,600	174,600
60205	Benefits LTD/Life/EAP	388	405	531	532
60220	Benefits Flex Credits	8,307	22,044	96,000	96,000
	Total Payroll	207,090	201,398	285,682	286,397
	EXPENSES (NON-PAYROLL)				
61100	Election Fees	-	26,919	-	30,000
62115	Staff Development & Conferences	20,622	19,756	40,000	30,000
62125	Department Admin	14,577	21,361	20,000	20,000
	Total	35,198	68,036	60,000	80,000
	Department Total	\$ 242,288	\$ 269,433	\$ 345,682	\$ 366,397

	Dept. 200 - Office of the General Manager	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	PAYROLL EXPENSES:				
60100	Labor Regular	\$ 365,184	\$ 378,485	\$ 473,989	\$ 477,052
60105	Labor Non-Regular	31,232	43,113	-	-
60110	Labor Vacation	36,003	46,234	-	-
	Labor Subtotal	432,420	467,831	473,989	477,052
60115	Labor Taxes	21,404	22,468	22,993	23,038
60120	Labor Workers Comp	2,741	2,745	5,967	6,002
60205	Benefits LTD/Life/EAP	1,823	1,921	2,279	2,973
60210	Benefits CalPERS	132,421	94,950	100,000	115,000
60220	Benefits Flex Credits	18,947	33,048	51,000	38,400
	Total Payroll	609,756	622,962	656,228	662,465
	EXPENSES (NON-PAYROLL)				
61110	Regulatory Compliance/Permits	188	2,064	1,000	1,000
62115	Staff Development & Conferences	7,358	10,269	10,000	10,000
62125	Department Admin	11,443	16,858	12,000	15,000
62130	Dues and Subscriptions	64,988	72,493	90,000	99,000
63100	Support Services	146,918	98,776	350,000	500,000
63105	Legal Services	685,962	243,257	400,000	400,000
	Total	916,856	443,717	863,000	1,025,000
	Department Total	\$ 1,526,612	\$ 1,066,679	\$ 1,519,228	\$ 1,687,465



**Fiscal Year 2021 Budget
Departmental Budgets**

	Dept. 3XX - Water Costs	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	<i>IMPORTED/BASIN MANAGED WATER EXPENSES</i>				
50100-320	Imported Water Fixed Costs	\$ 368,078	\$ 340,676	\$ 387,000	\$ 422,088
50105-320	Imported Water Variable Costs	-	-	-	-
50115-320	Basin Managed Water	2,016,907	2,628,097	2,100,000	-
50130-320	Chemicals and Treatment	-	-	-	-
50180-320	Utilities - Imported	16,430	1,475	1,700	1,400
60100-320	Labor Import	3,897	19,023	15,000	-
62165-320	Parts and Materials - Import	-	880	10,000	10,000
63100-320	Support Services - Import	-	6,667	14,300	14,000
	Total Imported / Basin Managed Water Costs	2,405,312	2,996,817	2,528,000	447,488
50110-320	In-Lieu Water	3,168,477	-	-	-
	Total In-Lieu Water Costs	3,168,477	-	-	-
	<i>CLEAR WATER EXPENSES</i>				
50130-310	Chemicals - Clear	48,787	102,957	137,720	114,836
50150-310	Basin Replenishment Assessment - Clear	2,206,372	4,512,463	5,678,907	5,921,920
50155-310	Well Land Leases - Clear	78,499	78,499	78,500	-
50160-020	BEA (Rebilled to Segerstrom)	-	-	-	-
50180-310	Utilities - Clear	309,144	539,962	659,385	785,802
60100-310	Labor Clear	62,747	85,485	62,000	85,000
62165-310	Parts and Materials - Clear	43,316	65,247	50,000	75,000
63100-310	Support Services - Clear	27,403	68,523	204,943	213,532
	Total Clear Water Costs	2,776,268	5,453,137	6,871,455	7,196,090
	<i>AMBER WATER EXPENSES</i>				
50130-330	Chemicals - Amber	367,762	363,622	273,052	336,896
50150-330	Basin Replenishment Assessment - Amber	1,908,654	1,737,074	1,990,369	1,770,732
50180-330	Utilities - Amber	641,789	608,965	529,922	665,578
60100-330	Labor Amber	14,756	20,560	20,000	20,000
62165-330	Parts and Materials - Amber	79,858	56,635	100,000	150,000
63100-330	Support Services - Amber	121,735	180,513	217,995	215,564
	Total Amber Water Costs	3,134,554	2,967,368	3,131,338	3,158,770



**Fiscal Year 2021 Budget
Departmental Budgets**

	Dept. 300 - Water Operations	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	PAYROLL EXPENSES:				
60100	Labor Regular	\$ 1,614,872	\$ 1,677,632	\$ 2,103,826	\$ 2,410,197
60105	Labor Non-Reg	275,114	345,019	-	-
60110	Labor Vacation	141,269	141,007	-	-
	<i>Labor Subtotal</i>	2,031,255	2,163,658	2,103,826	2,410,197
60115	Labor Taxes	155,900	167,873	170,000	178,035
60120	Labor Workers Comp	50,995	47,499	119,766	131,652
60125	Labor Temporary	25,245	19,966	40,000	50,000
60205	Benefits LTD/Life/EAP	11,613	12,672	14,967	21,497
60210	Benefits CalPERS	535,300	381,161	485,000	525,000
60215	Benefits Other	4,435	4,249	15,840	15,840
60220	Flex credits	115,258	180,604	422,400	460,800
60990	Payroll jobs WIP	(222,471)	(252,766)	(280,000)	(285,000)
	Total Payroll	2,707,529	2,724,916	3,091,799	3,508,021
	EXPENSES (NON-PAYROLL)				
50130	Chemicals T&D	2,639	3,125	2,443	2,409
61110	Regulatory Compliance/Permits	304,449	111,790	183,719	140,000
62115	Staff Development & Conferences	15,363	25,131	25,000	35,000
62120	Damages	-	-	-	-
62125	Department Administration	16,769	9,951	20,000	22,000
62135	Facilities improvements	8,570	13,479	25,000	20,000
62140	Fuel	65,110	68,731	60,000	60,000
62145	General Supplies	4,914	8,748	8,000	8,000
62155	Leasing/ Equipment Rental	31	821	-	-
62160	Other Agency Cost Reimbursement	-	4,960	5,000	-
62165	Parts & Materials	300,921	410,014	300,000	300,000
62180	Tools & Equipment	5,777	17,380	-	-
62185	Utilities	141,323	167,251	138,215	162,171
63100	Support Services	1,663,657	1,249,653	1,009,200	1,086,620
63105	Legal Services	-	-	-	-
63990	Capitalized G&A Contra - T&D	(239,623)	(179,893)	(276,000)	(285,000)
63995	Capitalized Equipment Contra - T&D	-	-	-	-
	Total	2,289,901	1,911,142	1,500,577	1,551,200
	Department Total	\$ 4,997,430	\$ 4,636,058	\$ 4,592,376	\$ 5,059,221

	Dept. 400 - Engineering	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	PAYROLL EXPENSES:				
60100	Labor Regular	\$ 626,429	\$ 538,145	\$ 631,238	\$ 824,899
60105	Labor Non-Reg	94,495	84,242	-	-
60110	Labor Vacation	52,249	43,930	-	-
	<i>Labor Subtotal</i>	773,172	666,317	631,238	824,899
60115	Labor Taxes	47,304	39,566	38,069	49,300
60120	Labor Workers Comp	4,641	4,047	8,236	10,805
60125	Labor Temporary	-	-	-	-
60205	Benefits LTD/Life/EAP	3,862	3,337	3,901	5,905
60210	Benefits CalPERS	173,721	119,125	120,000	145,000
60215	Benefits Other - Engineering	6,851	6,937	2,160	2,880
60220	Benefits Flex Credits	40,146	48,785	76,800	96,000
60990	Capital Labor/Benefit Contra	(215,361)	(143,410)	(250,000)	(550,000)
	Total Payroll	834,336	744,702	630,403	584,789
	EXPENSES (NON-PAYROLL)				
62115	Staff Development & Conferences	14,646	10,199	15,000	15,000
62125	Department Admin	2,412	4,941	3,500	6,000
62145	General Supplies	3,141	382	3,500	2,000
63100	Support Services	412,848	189,480	302,000	335,000
63990	Capitalized G&A Contra	(132,805)	(103,460)	(115,000)	(195,000)
	Total	300,241	101,541	209,000	163,000
	Department Total	\$ 1,134,577	\$ 846,243	\$ 839,403	\$ 747,789

	Transmission and Distribution	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	Transmission and Distribution Grand Total	\$ 6,132,007	\$ 5,482,301	\$ 5,431,780	\$ 5,807,010



**Fiscal Year 2021 Budget
Departmental Budgets**

	Dept. 500 - Customer Services	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	<i>PAYROLL EXPENSES:</i>				
60100	Labor Regular	\$ 589,584	\$ 573,450	\$ 813,853	\$ 883,390
60105	Labor Non-Reg	128,591	124,298	-	-
60110	Labor Vacation	53,836	47,994	-	-
	<i>Labor Subtotal</i>	772,011	745,741	813,853	883,390
60115	Labor Taxes	58,300	56,586	77,248	67,075
60120	Labor Workers Comp	12,202	10,513	31,220	33,739
60125	Labor Temporary	20,158	118,903	25,000	15,000
60205	Benefits LTD/Life/EAP	4,802	4,638	6,740	8,587
60210	Benefits CalPERS	229,589	150,531	215,000	225,000
60215	Benefits Other	4,481	5,240	6,480	6,480
60220	Benefits Flex Credits	55,168	64,091	192,000	192,000
	Total Payroll	1,156,712	1,156,242	1,367,541	1,431,271
	<i>EXPENSES (NON-PAYROLL)</i>				
62100	Cash Over/Short	139	(24)	-	-
62105	Computer Maint/Licensing	2,250	1,611	-	-
62115	Staff Development & Conferences	8,838	9,569	10,000	11,500
62125	Department Admin	10,221	12,390	31,750	35,000
62145	General Supplies	18,529	27,125	14,500	15,000
62175	Telecom/Network	-	-	-	-
63100	Support Services	316,210	295,107	379,500	351,770
	Total	356,187	345,777	435,750	413,270
	Department Total	\$ 1,512,900	\$ 1,502,019	\$ 1,803,291	\$ 1,844,541



**Fiscal Year 2021 Budget
Departmental Budgets**

	Dept. 600 - Financial Services	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	<i>PAYROLL EXPENSES:</i>				
60100	Labor Regular	\$ 358,804	\$ 423,458	\$ 541,925	\$ 568,353
60105	Labor Non-Reg	62,799	93,258	-	-
60110	Labor Vacation	25,926	23,528	-	-
	<i>Labor Subtotal</i>	447,529	540,244	541,925	568,353
60115	Labor Taxes	34,183	37,980	38,553	39,733
60120	Worker's compensation insurance exp.	2,378	2,785	6,348	6,506
60125	Temporary Labor	269,799	52,402	20,000	15,000
60205	LTD, Life Insurance & EAP	2,501	2,847	3,490	4,777
60210	Benefits CalPERS	82,759	63,471	65,000	75,000
60215	Benefits - Other	392	1,410	3,600	3,600
60220	Flex credits	20,288	13,486	96,000	96,000
60990	Applied Overhead for labor benefits	-	-	(275,000)	-
	Total Payroll	859,828	714,625	499,916	808,969
	<i>EXPENSES (NON-PAYROLL)</i>				
61105	LAFCO charge	26,419	27,356	28,000	28,600
62115	Staff development & conference expense	4,648	9,616	5,000	5,000
62125	Department administration expense	4,245	4,972	5,000	10,000
62145	General Supplies - Finance	33,076	46,909	35,000	45,000
62150	Liability insurance	258,446	239,467	265,000	280,000
63100	Support Services	325,529	320,718	395,500	445,000
63105	Special legal counsel/Advocate	-	-	-	-
63990	Capitalized G&A Contra - Finance	(276,964)	(259,748)	(295,000)	(315,000)
63995	Capitalized Equipment Contra - Finance	-	-	-	-
	Total	375,397	389,291	438,500	498,600
	Department Total	\$ 1,235,225	\$ 1,103,916	\$ 938,416	\$ 1,307,569



**Fiscal Year 2021 Budget
Departmental Budgets**

	Dept. 700 - Public Affairs	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	PAYROLL EXPENSES:				
60100	Labor Regular	\$ 109,630	\$ 231,663	\$ 300,849	\$ 190,050
60105	Labor Non-Reg	21,709	39,936	-	-
60110	Labor Vacation	4,995	13,255	-	-
	<i>Labor Subtotal</i>	136,334	284,853	300,849	190,050
60115	Labor Taxes	11,364	21,512	21,142	14,539
60120	Worker's compensation insurance exp.	611	1,594	3,758	2,274
60125	Temporary Labor	20,989	23,707	-	-
60205	LTD, Life Insurance & EAP	373	1,126	2,403	2,278
60210	Benefits CalPERS	26,771	22,285	55,000	25,000
60215	Benefits - Other	416	475	1,800	500
60220	Flex credits	8,879	7,130	48,000	38,400
	Total Payroll	205,737	362,683	432,952	273,041
	EXPENSES (NON-PAYROLL)				
62105	Technology/Software Licensing	1,360	165	1,500	1,500
62115	Staff development & conference expense	226	3,814	1,600	1,000
62125	Department administration expense	3,892	2,656	4,600	3,600
62130	District memberships and subscriptions	2,704	1,607	4,000	1,500
62145	General Office Supplies/Minor Equipment	11,296	34,039	4,000	4,000
63100	Support Services	402,264	295,002	421,480	583,730
63105	Special legal counsel/Advocate	-	70	-	-
	Total	421,742	337,353	437,180	595,330
	Department Total	\$ 627,479	\$ 700,036	\$ 870,132	\$ 868,371

	Dept. 900 - External Affairs	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	PAYROLL EXPENSES:				
60100	Labor Regular	\$ 151,488	\$ 155,958	\$ 178,074	\$ 183,057
60105	Labor Non-Reg	8,265	22,358	-	-
60110	Labor Vacation	11,318	12,416	-	-
	<i>Labor Subtotal</i>	171,071	190,732	178,074	183,057
60115	Labor Taxes	9,905	10,644	12,684	10,715
60120	Labor Workers Comp	1,110	1,223	2,376	2,442
60125	Labor Temporary	-	-	-	-
60205	Benefits LTD/Life/EAP	880	929	1,078	1,256
60210	Benefits CalPERS	53,440	37,704	45,000	45,000
60215	Benefits - Other	4,289	4,547	1,080	720
60220	Benefits Flex Credits	11,195	16,767	28,800	19,200
	Total Payroll	251,891	262,547	269,092	262,390
	EXPENSES (NON-PAYROLL)				
61110	Regulatory Compliance/Permits	-	-	-	-
62115	Staff Development & Conferences	4,960	29,525	5,000	17,500
62125	Department Admin	14,561	4,604	5,000	2,000
62130	Dues and Subscriptions	1,427	1,457	2,500	1,500
62145	General Supplies	982	2,428	2,000	1,000
63100	Support Services	106,921	36,808	170,000	205,000
63105	Legal Services	84,422	84,587	-	-
	Total	213,274	159,408	184,500	227,000
	Department Total	\$ 465,165	\$ 421,955	\$ 453,592	\$ 489,390



**Fiscal Year 2021 Budget
Departmental Budgets**

	Dept. 800 - Administrative Services	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	<i>PAYROLL EXPENSES:</i>				
60100	Labor Regular	\$ 377,377	\$ 400,325	\$ 481,308	\$ 505,460
60105	Labor Non-Reg	59,438	67,448	-	-
60110	Labor Vacation	36,233	38,156	-	-
	<i>Labor Subtotal</i>	473,048	505,930	481,308	505,460
60115	Labor Taxes	34,199	36,266	35,189	36,547
60120	Labor Workers Comp	2,544	2,618	5,791	6,082
60125	Labor Temporary	9,035	14,351	-	-
60205	Benefits LTD/Life/EAP	2,451	3,012	3,835	4,579
60210	Benefits CalPERS	194,052	119,514	120,000	135,000
60215	Benefits - Other	1,855	1,290	3,600	2,880
60220	Benefits Flex Credits	30,463	50,965	96,000	96,000
	Total Payroll	747,648	733,945	745,723	786,548
	<i>EXPENSES (NON-PAYROLL)</i>				
60225	Benefits OPEB	(106,346)	-	-	-
60230	Benefit Retiree Expenses	(11,838)	-	-	-
60235	Benefit Unemployment Insurance	-	-	-	-
62105	Computer Maint/Licensing	280,363	219,473	400,000	400,000
62115	Staff Development & Conferences	8,478	10,910	10,000	15,000
62125	Department Admin	5,416	1,881	7,000	7,000
62145	General Supplies - IT	9,039	9,013	35,000	40,000
62170	Postage/Shipping/Freight	14,724	16,724	20,000	20,000
62175	Telecom/Network	207,801	222,695	267,000	280,000
62180	Tools & Equipment	-	582	1,000	1,000
63100	Support Services	498,777	527,757	561,000	591,000
63110	Human Resources Services - Admin	-	-	-	-
	Total	906,413	1,009,035	1,301,000	1,354,000
	Department Total	\$ 1,654,061	\$ 1,742,981	\$ 2,046,723	\$ 2,140,548

	Dept. 850 - Human Resources	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 BUDGET
	<i>PAYROLL EXPENSES:</i>				
60100	Labor Regular	\$ 182,014	\$ 176,196	\$ 319,520	\$ 343,195
60105	Labor Non-Reg	36,494	32,854	-	-
60110	Labor Vacation	13,193	14,805	-	-
	<i>Labor Subtotal</i>	231,701	223,855	319,520	343,195
60115	Labor Taxes	17,444	16,944	24,443	26,092
60120	Labor Workers Comp	1,134	1,211	3,491	3,750
60125	Temporary Labor	31,286	136,233	20,000	20,000
60205	Benefits LTD/Life/EAP	1,377	1,291	2,318	2,913
60210	Benefits CalPERS	11,099	14,350	62,000	35,000
60215	Benefits OPEB	1,125	893	-	-
60220	Benefits Flex Credits	9,619	21,572	52,800	52,800
	Total Payroll	304,786	416,349	484,572	483,750
	<i>EXPENSES (NON-PAYROLL)</i>				
60225	Benefits OPEB	208,929	112,999	-	150,000
60230	Benefit Retiree Expenses	30,332	(6,279)	40,000	45,000
60235	Benefit Unemployment Insurance	-	5,630	25,000	4,000
62115	Staff Development & Conferences	7,550	151	10,000	15,000
62125	Department Admin	5,840	4,675	15,000	20,000
63110	Human Resources Services - Admin	157,233	232,980	245,000	287,000
	Total	409,884	350,157	335,000	521,000
	Department Total	\$ 714,669	\$ 766,506	\$ 819,572	\$ 1,004,750



Fiscal Year 2021 Budget

Glossary of Terms

Accrual	The recognition of a revenue or expense as it is earned or incurred regardless of when actual cash is received or paid.
Acre Foot (AF)	Covers one acre of land in area by one foot in depth and is equal to 325,851 gallons. Supplies a family of four for approximately one year.
Amber Water	Water produced from deep groundwater wells that require treatment for color and odor before being entered to the distribution system.
Amortization	The periodic expense attributed to the decline in usefulness on an intangible asset or the allocation of bond premium or discount over the life of the bond.
Appropriation	An amount of money in the budget authorized by the Board of Directors, for expenditures or obligations within organizational units for specific purposes.
Assets	Resources owned or held by the enterprise as a result of past events and from which future economic benefits are expected to flow to the enterprise.
Association of California Water Agencies (ACWA)	Association representing nearly 450 public water agencies consisting of municipal, irrigation, county and California water districts, and a number of special purpose agencies. ACWA also represents non-profit and non-public mutual water companies. Members provide the link between local, state and federal water projects, and ultimate water consumers.
Basin Pumping Percentage (BPP)	The amount of clear ground water that can be pumped as a percentage of total potable water. This percentage is set each year by Orange County Water District.
Budget	The District's fiscal plan detailing proposed revenues and expenditures for a period of time.
California Department of Water Resources (CA DWR)	California agency responsible for managing California's water resources.
Capacity Charge	Fee imposed when a customer requests a new service connection. Capacity charges are used by the District to pay for infrastructure built to accommodate future development or to plan, design and construct new facilities to support the additional demand placed on the water system by the new connections.
Capital	Purchases or projects that exceed Mesa Water's capitalization threshold, which is \$10,000 for non-water infrastructure and \$100 (the installation cost of a 5/8" meter) for water infrastructure.
Cash on Hand	Amount of unrestricted cash held by Mesa Water at a given time.
CCF	Abbreviation for unit of water sold in hundred cubic feet. Mesa Water sells water in this unit of measure.



Fiscal Year 2021 Budget

Glossary of Terms

Certificates Of Participation (COP)	Form of lease-purchase financing used to construct or acquire capital facilities or equipment.
Change in Net Position	The final figure on the Statement of Revenues, Expenses and Change in Net Position report where revenues are netted against expenses.
Clear Well Water	Water produced from groundwater wells that require minimal treatment to be released into the distribution system.
Coverage Ratio	Ratio of Net Revenues to total annual financial obligations. This is a margin of safety for payment of debt service, reflecting the number of times by which earnings for a period of time exceed debt service payable in such a period.
Days Cash Ratio	A ratio of the Cash on Hand divided by the average Operating Expenses less Pass-through water sales to government agencies.
Debt Service	Cash required in a given period for payment on interest and principal on outstanding financial obligations.
Depreciation	The method of allocating historical costs of capital assets (excluding land) to periods in which the assets are used.
Designated Funds	Segregation of assets for special purposes such as asset replacement.
Enterprise Fund	A fund established to account for the financing of self-supporting enterprises, such as a utility fund, which render services primarily to the public.
Expenses	The amount of assets consumed or services used in the process of earning revenue.
Fiscal Year (FY)	The annual accounting period. Mesa Water uses July 1 through June 30.
Full Time Equivalent (FTE)	An FTE equals one full-time employee working 2,080 hours per year.
GAAP	Generally Accepted Accounting Principles (GAAP) are uniform standards and guidelines that both private and public sectors use to report and record financial information. GAAP establishes a standard manner to measure and categorize accounting transactions to report financial results. Following GAAP provides a reasonable basis to compare financial results of other water or similar agencies.
Geographic Information System (GIS)	A system combining computer hardware, software and geographic data for collecting, storing, analyzing and displaying geographically referenced information.
In-Lieu Water	Water purchased at the same price as well water when the groundwater basin does not allow for full pumping.
Infrastructure	The accumulated pipelines, treatment plants and storage facilities of Mesa Water, including all meters, valves, pumps, hydrants and other appurtenances, whether constructed by Mesa Water or dedicated by private entities.



Fiscal Year 2021 Budget

Glossary of Terms

Imported Water	Water purchased from Municipal Water District of Orange County (MWDOC). It is transported by an aqueduct system from the Colorado River or the State Water Project.
LAFCO	Local Agency Formation Commission. This Commission facilitates constructive changes in governmental structure and boundaries and fosters orderly development and governance within its jurisdiction.
Liability	Obligations of the enterprise arising from past events.
Local Agency Investment Fund (LAIF)	A pooled investment vehicle for local agencies in California sponsored by the State of California and administered by the State Treasurer.
Local Resource Program (LRP)	Financial incentive programs offered by Metropolitan Water District to encourage agencies to develop or improve local agencies sources of water to help ensure future water supplies are available.
Meet and Confer	Labor relations and labor negotiations with different employee groups.
Memorandum of Understanding	A document describing agreement or accord reached between two or more parties including each party's rights and responsibilities.
Mesa Water Reliability Facility (MWRf)	The facility that is used to treat the amber water pumped by wells from deeper in the groundwater aquifer.
Metropolitan Water District (MWD)	A consortium of cities and water districts that provide water usage to water customers in parts of Los Angeles, Orange, San Diego, Riverside, San Bernardino and Ventura counties.
Municipal Water District of Orange County (MWDOC)	Regional water wholesaler of imported water that serves retail agencies in Orange County.
Non-water Expenses	Expenses associated with operations as a water utility but not directly attributable to the production and distribution of water.
Orange County Investment Pool (OCIP)	A pooled investment vehicle for Orange County California agencies administered by the Orange County Treasurer.
Orange County Water District (OCWD)	The agency responsible for managing the Orange County Groundwater Basin in northern and central Orange County that serves cities and water districts.
Other Expense	An expense that cannot be associated definitely with operations.
Other Income	Revenue from sources other than Mesa Water's principal activities as a water utility.
Potable Water	Water that is suitable for drinking.



Fiscal Year 2021 Budget

Glossary of Terms

Public Employees Retirement System (PERS)	An agency, multiple-employer, public retirement system to which Mesa Water contributes that acts as a common investment and administrative agent for participating public entities within the State of California.
Recycled Water	Non-potable water that is used for irrigation purposes.
Replenishment Assessment (RA)	Amount charged on an acre-foot basis for water pumped from the Orange County Groundwater Basin charged by OCWD.
Restricted Reserves	An account used to indicate that a portion of Net Position is legally restricted for a specific purpose or not available for appropriation and subsequent spending.
Reservoir	A pond, lake, tank, or basin (natural or engineered) where water is collected and stored.
Revenue	The sale of goods or services produced by an entity which usually result in the creation of assets, most often cash or receivables.
Statement of Revenues, Expenses and Changes in Net Position	Reports the results of revenues and expenses over a period of time.
Supervisory Control and Data Acquisition (SCADA)	The Supervisory Control and Data Acquisition system collects operational data from remote units to monitor and control water systems and facilities throughout the District's service area.
Water Production Costs	The costs associated directly with the production and distribution of water into the system.
Working Capital	The difference between current assets and current liabilities. Represents the amount available for operations and other expenditures.

ATTACHMENT B



District Memberships	FY 2021
American Water Works Association	\$ 4,300
Association of CA Cities - Orange County	\$ 5,000
Association of California Water Agencies	\$ 25,800
AWWA Water Research Foundation	\$ 11,650
The Bond Buyer	\$ 3,450
CalDesal	\$ 5,000
California Municipal Utilities Association	\$ 4,500
California Special Districts Association	\$ 7,650
California Water Efficiency Partnership	\$ 4,150
Costa Mesa Chamber of Commerce	\$ 5,000
Foundation for Cross Connection Control & Hydraulic Research	\$ 1,000
Friends of Costa Mesa Libraries	\$ 100
Independent Special Districts of Orange County	\$ 50
Mountain Counties Water Resources Association	\$ 550
Newport Beach Chamber of Commerce	\$ 600
Newspaper Subscriptions	\$ 1,000
Orange County Business Council	\$ 5,000
Orange County Forum	\$ 1,000
Southern California Water Committee	\$ 1,000
South Coast Metro Alliance	\$ 400
Southwest Membrane Operator Association	\$ 400
UCI Water Board	\$ 5,000
Urban Water Institute	\$ 2,500
WaterReuse	\$ 3,900
Total District Memberships	\$ 99,000

ATTACHMENT C



Board Conferences and Seminars	FY 2021
ACWA/JPIA Fall Conference	\$ 6,000
ACWA/JPIA Spring Conference	\$ 6,000
ACWA Committee Meetings	\$ 2,000
ACWA DC Conference	\$ 3,000
ACWA Legislative Symposium	\$ 1,000
AWWA ACE Conference	\$ 1,000
CA-NV AWWA Fall Conference	\$ 1,000
California United Water Conference	\$ 1,000
Colorado River Water Users Association Conference	\$ 1,000
CSDA Annual Conference	\$ 2,000
CSDA Legislative Days	\$ 1,000
Miscellaneous Conferences & Seminars	\$ 2,000
Urban Water Institute Conferences	\$ 3,000
Total Board Conferences and Seminars	\$ 30,000

ATTACHMENT D



Community Outreach Events	FY 2021
Association of California Water Agencies	\$ 10,500
Cal Desal Conference Lunch	\$ 5,000
CALWEP Peer to Peer Sponsorship	\$ 1,000
Community Chats	\$ 25,000
Concerts in the Park	\$ 5,000
Costa Mesa High School & Estancia High School	\$ 2,000
Costa Mesa Lions	\$ 1,000
Ducks Unlimited	\$ 1,000
Environmental Nature Center	\$ 5,000
Festival of Children @ South Coast Plaza	\$ 5,000
I Heart Costa Mesa	\$ 4,860
Industry Events	\$ 2,500
KOCI	\$ 6,500
Newport Chamber of Commerce	\$ 2,000
Newport Mesa Unified Schools Foundation	\$ 1,000
Orange County Fair	\$ 10,500
Orange County Tax	\$ 500
Orange County Water Summit	\$ 7,500
Save Our Youth (S.O.Y.)	\$ 250
Southern California Water Coalition	\$ 2,000
Southwest Membrane Operator Association (SWMOA)	\$ 1,500
Urban Water Institute	\$ 2,000
Vanguard University	\$ 2,750
Total Community Outreach Events	\$ 104,360



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Phil Lauri, P.E., Assistant General Manager
DATE: May 14, 2020
SUBJECT: Capital Improvement Program Renewal On-Call Design Services

RECOMMENDATION

Approve on-call professional design services contracts for the Capital Improvement Program Renewal in the amounts of \$1.75MM for Fiscal Years 2020 and 2021, \$1.25MM for Fiscal Year 2022, and \$0.4MM for Fiscal Year 2023, with the option for two annual renewals of \$500,000 per year, for a total contract authorization amount not to exceed \$4.4MM to be distributed to the following six firms: Brown and Caldwell, Carollo Engineers, Inc., HDR Engineering, Inc., NV5, Tetra Tech, Inc., and Water Systems Consulting, Inc.

STRATEGIC PLAN

Goal #2: Practice perpetual infrastructure renewal and improvement.
Goal #4: Increase public awareness about Mesa Water® and about water.
Goal #6: Provide outstanding customer service.

PRIOR BOARD ACTION/DISCUSSION

At its November 14, 2019 workshop, the Board of Directors (Board) provided direction to staff to develop funding options to complete the next phase of projects from the 2014 Capital Improvement Program Master Plan Update.

At its February 18, 2020 meeting, the Engineering and Operations (E&O) Committee directed staff to develop financial funding options for the Capital Improvement Program Renewal (CIPR).

At its March 12, 2020 meeting, the Board approved the proposed CIPR. In addition, the Board received an information item outlining the Issuance of Certificates of Participation (COPs) schedule.

At its March 17, 2020 meeting, the E&O Committee directed staff to pursue COPs of \$70MM to fund the CIPR.

At its April 9, 2020 meeting, the Board received an update that a solicitation for on-call professional design services would be initiated to support the CIPR.

BACKGROUND

The 2014 Water System Master Plan Update (Master Plan) included a Capital Improvement Plan (CIP) with \$272MM of proposed CIP projects (near-term/\$48MM and long-term/\$224MM). These projects were prioritized and categorized based on condition assessment, remaining useful life, and water supply needs to meet future population growth and continued 100% local reliability. With many of the Priority 1 projects completed or in progress, Mesa Water is focusing on the Priority 2 and 3 projects. Due to a low interest rate environment, Mesa Water is pursuing Certificates of Participation (COPs) for its Capital Improvement Program Renewal (CIPR) to



construct a considerable amount of the remaining Master Plan Priority 1 projects and pending Priority 2 and 3 projects.

Mesa Water's CIPR initiative is divided into five main program disciplines that complement the Master Plan:

- Wells
- Reservoirs
- Distribution
- Routine Capital
- Facilities

Project prioritization is based on input from several key stakeholders, including the District's Board, Water Operations Department, Information Technology consultants, Management Team, and the Master Plan condition assessment.

DISCUSSION

The CIPR will be managed by Mesa Water's Engineering Department with support from other departments (e.g., Operations, Administrative Services, Finance, etc.). Mesa Water uses a Program Manager Model (PMM) to manage and deliver its regular CIP each year. This approach uses external consulting professional services to provide design, construction management, and inspection services. Some CIPR projects are in process and do not require additional design services, such as the Wells Program. The Routine Operations Program is typically constructed by Mesa Water staff. Three programs in the CIPR - Reservoirs, Distribution, and Facilities - will require professional design services to deliver the projects within these programs. These projects include:

1. Reservoirs:
 - a. Power and Water Supply Reliability Assessment
 - b. Reservoir Pump/Motor/Engine and Control System Replacements
 - c. MWRF Back-up Power

2. Distribution:
 - a. Vault Rehabilitations/Abandonments
 - b. 200+ Mainline Valve Replacements
 - c. Pipeline Replacements (~4 mi of 6" to 12")
 - d. 260+ Service Line Replacements
 - e. Cathodic Protection Systems Rehabilitation

3. Facilities:
 - a. District-wide Security System
 - b. Dewatering Pit

CIPR Design Consultant Selection

A Request for Qualifications for CIPR Design Services was developed and sent to nine qualified consultants. Statements of Qualifications (SOQ) were received from eight of the nine firms. The SOQs were reviewed and ranked by a Mesa Water selection committee. Review of the proposing



teams' rates were within standard industry rates for professional design services as experienced from other design efforts seen by Mesa Water. The top ranked firms, in alphabetical order, are as follows:

- Brown and Caldwell
- Carollo Engineers, Inc.
- HDR Engineering, Inc.
- NV5
- Tetra Tech, Inc.
- Water Systems Consulting, Inc. (WSC)

These firms will provide competitive task-order proposals for all CIPR professional design services to ensure competitiveness is achieved during the design process. Mesa Water staff will issue approval of task orders based on:

- Competitiveness
- Available Team Resources
- Project Specific Experience

Staff recommends that the Board approve professional CIPR design contracts in the amounts of \$1.75MM for FY2020 and FY2021, \$1.25MM for FY2022, and \$0.4MM for FY2023, with the option for two annual renewals of \$500,000 per year, for a total contract authorization amount not to exceed \$4.4MM to be distributed to the following six firms: Brown and Caldwell, Carollo Engineers, Inc., HDR Engineering, Inc., NV5, Tetra Tech, Inc., Water Systems Consulting, Inc.

FINANCIAL IMPACT

In Fiscal Year 2020, no funds have been spent on CIPR professional design services.

ATTACHMENTS

Attachment A: On-Call Design Services Rate Sheets

18500 Von Karman Avenue,
Suite 1100
Irvine, CA 92612
Tel: 714.730.7600



April 23, 2020

Karyn Igar, P.E.
Mesa Water District
965 Placentia Avenue
Costa Mesa, CA 92627

Contact Person



Adam Zacheis, PhD, PE
1000 Wilshire Boulevard,
Suite 1690
Los Angeles, CA 90017
T | 213. 271.2234
C | 714.716.6607
E | azacheis@brwnncald.com

Authorized Signatory

Katie Porter, PE
1000 Wilshire Boulevard,
Suite 1690
Los Angeles, CA 90017
T | 213. 271.2239
E | kporter1@brwnncald.com

Subject: Rates for Capital Improvement Program Renewal Project

Dear Ms. Igar:

In compliance with the requirements of the Request for Qualifications, Brown and Caldwell is pleased to submit the enclosed rates, complete with job titles and billing rates expected for the program areas and projects for which we are submitting qualifications: Category 1, Reservoir Program and Category 2, Distribution Program. In addition, we have included rates for all our proposed subconsultants. BC escalated all labor categories, except for Vice-President (held constant), at 3 percent per year, which was based on the Southern California CPI for the last calendar year. All subconsultant rates were escalated at 3 percent per year as well.

We look forward to the opportunity to work with you on this project. Should you have any questions concerning the attached rates, please feel free to contact Adam directly at the phone number or email provided.

Best regards,
BROWN AND CALDWELL

A handwritten signature in black ink, appearing to read 'Adam Zacheis'.

Adam Zacheis PhD, PE
Program Manager

A handwritten signature in black ink, appearing to read 'Katie Porter'.

Katie Porter, PE
Project Director

Mesa Water District
 Capital Improvements Program 2020-2023: Reservoirs
 Rate Table
 Brown and Caldwell

Staff Name	Classification/Title	Fully Burdened Rate (July 1, 2020 – June 30, 2021)	Fully Burdened Rate (July 1, 2021 – June 30, 2022)	Fully Burdened Rate (July 1, 2022 – June 30, 2023)
Katie Porter, Adam Zacheis, Mark Briggs, Bryan Zinn, Neil Waterman	Vice President	\$299.00	\$299.00	\$299.00
Jay Jayakumar, Lance Salerno, Michael Guirguis	Senior Professional	\$285.00	\$293.55	\$302.36
Scott Lacy, Helene Baribeau, Chris Kindle, Erin Mackey, Michael Anderson, Andrew Fugal	Lead Project Professional	\$255.00	\$262.65	\$270.53
Daniel Goodburn, Richard Austin, Victoria Herencia, Jennifer Marchek, Michael Lin, Sang Vo	Project Professional	\$220.00	\$226.60	\$233.40
Kirstin Byrne Kale, Kenneth Hoff	Professional	\$185.00	\$190.55	\$196.27
Alex Waite, Eric Halverson	Assistant Professional/Senior CAD Technicians	\$155.00	\$159.65	\$164.44
	CAD Technicians	\$120.00	\$123.60	\$127.31
	Document Processing/PA	\$100.00	\$103.00	\$106.09

Mesa Water District
 Capital Improvements Program 2020-2023: Distribution
 Rate Table
 Brown and Caldwell

Staff Name	Classification/Title	Fully Burdened Rate (July 1, 2020 – June 30, 2021)	Fully Burdened Rate (July 1, 2021 – June 30, 2022)	Fully Burdened Rate (July 1, 2022 – June 30, 2023)
Steve Hirai, Katie Porter, Adam Zacheis, Mark Briggs, Bryan Zinn	Vice President	\$299.00	\$299.00	\$299.00
Jon Ganz	Senior Professional	\$285.00	\$293.55	\$302.36
Helene Baribeau, Chris Kindle, Michael Anderson, Andrew Fugal	Lead Project Professional	\$255.00	\$262.65	\$270.53
Daniel Goodburn, Richard Austin, Victoria Herencia, Jennifer Marchek, Michael Lin, Sang Vo	Project Professional	\$220.00	\$226.60	\$233.40
Kenneth Hoff	Professional	\$185.00	\$190.55	\$196.27
Alex Waite, Eric Halverson	Assistant Professional/Senior CAD Technicians	\$155.00	\$159.65	\$164.44
	CAD Technicians	\$120.00	\$123.60	\$127.31
	Document Processing/PA	\$100.00	\$103.00	\$106.09



CORROSION PROBE, INC.

THE COMPLETE ENGINEERING APPROACH – FROM DETECTION TO CORRECTION

**Proposed Rates
for
Mesa Water District
Capital Improvement Program Renewal 2020**

CPI Staff	Title	2020	2021	2022	2023
Doug Sherman	Principal Consultant	\$ 195.00	\$ 200.00	\$ 206.00	\$ 212.00
Kirk Shields	Principal Consultant	\$ 195.00	\$ 200.00	\$ 206.00	\$ 212.00
Steve Olenich	Senior Specialist	\$ 150.00	\$ 154.00	\$ 158.00	\$ 162.00

CORPORATE HEADQUARTERS:

12 INDUSTRIAL PARK ROAD • P.O. BOX 178 • CENTERBROOK, CT 06409-0178 • PHONE: (860) 767-4402 • FAX: (860) 767-4407 • WWW.CPIENGINEERING.COM

ALABAMA • ARKANSAS • DELAWARE • FLORIDA • GEORGIA • MAINE

MASSACHUSETTS • NEW JERSEY • NORTH CAROLINA • OHIO • PENNSYLVANIA • TEXAS • WISCONSIN



FPL and Associates, Inc.

30 Corporate Park, Suite 310
Irvine, California 92606

Telephone: (949) 252-1688

Facsimile: (949) 252-0088

Consulting Engineers • Traffic • Transportation • Civil • Facilities

Mesa Water District “On-Call” Hourly Rates*

<u>Classification</u>	<u>2020 - 2021</u>	<u>2021 -2022</u>	<u>2022 - 2023</u>
Principal-in-Charge	\$265 / hr	\$273 / hr	\$281 / hr
Project Manager	\$241 / hr	\$248 / hr	\$256 / hr
Quality Manager / Senior Engineer II	\$211 / hr	\$218 / hr	\$224 / hr
Senior Engineer I	\$192 / hr	\$198 / hr	\$203 / hr
Associate Engineer II	\$154 / hr	\$158 / hr	\$163 / hr
Associate Engineer I	\$120 / hr	\$124 / hr	\$127 / hr
Assistant Engineer	\$105 / hr	\$108 / hr	\$111 / hr

*Please do not hesitate to get in touch with Fong-Ping Lee, President of FPL, at (949) 252-1688 ext. 210 or fplee@fplandassociates.com with any questions.

K&A Rates

Name	Title	Rate (2020)	Annual Escalation	Rate (2021)	Rate (2022)	Rate (2023)
Sara Katz	Principle in Charge, CEO	\$310	3%	\$319.30	\$328.88	\$338.75
Camille Stephens	Project Manager, Account Supervisor	\$180	3%	\$185.40	\$190.96	\$196.69
Sarah Rossetto	Strategic Counsel, Director	\$210	3%	\$216.30	\$222.79	\$229.47
Winnie Chen	Project Support, Account Executive II	\$130	3%	\$133.90	\$137.92	\$142.05
Karen Franco	Project Support, Account Assistant	\$110	3%	\$113.30	\$116.70	\$120.20
Matthew Bennett	Art and Graphic Design Lead	\$160	3%	\$164.80	\$169.74	\$174.84
Kelsy Di Giovanni	Art and Graphic Design Support	\$130	3%	\$133.90	\$137.92	\$142.05

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	\$ 195
Senior Engineer/Geologist/Environmental Scientist	\$ 190
Senior Project Engineer/Geologist/Environmental Scientist	\$ 185
Project Engineer/Geologist/Environmental Scientist	\$ 175
Senior Staff Engineer/Geologist/Environmental Scientist	\$ 150
Staff Engineer/Geologist/Environmental Scientist	\$ 145
GIS Analyst	\$ 125
Technical Illustrator/CAD Operator	\$ 103

Field Staff

Certified Asbestos/Lead Technician	\$ 185
Field Operations Manager	\$ 125
Nondestructive Examination Technician (UT, MT, LP)	\$ 119
Supervisory Technician	\$ 115
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	\$ 109
Senior Technician	\$ 108
Technician	\$ 103

Administrative Staff

Information Specialist	\$ 85
Geotechnical/Environmental/Laboratory Assistant	\$ 80
Data Processor	\$ 75

Other Charges

Concrete Coring Equipment (includes technician)	\$ 190/hr
Anchor Load Test Equipment (includes technician)	\$ 190/hr
GPR Equipment	\$ 180/hr
Inclinometer	\$ 100/hr
Hand Auger Equipment	\$ 80/hr
Rebar Locator (Pachometer)	\$ 25/hr
Vapor Emission Kit	\$ 65/kit
Nuclear Density Gauge	\$ 12/hr
X-Ray Fluorescence	\$ 70/hr
PID/FID	\$ 25/hr
Air Sampling Pump	\$ 10/hr
Field Vehicle	\$ 15/hr
Expert Witness Testimony	\$ 450/hr

Special equipment charges will be provided upon request.

Notes

For field and laboratory technicians and special inspectors, overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day, all day Sunday and on holidays.

Field technician and special inspection hours are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours.

Invoices are payable upon receipt. A service charge of 1.5 percent per month may be charged on accounts not paid within 30 days.

Our rates will be adjusted in conjunction with the increase in the Prevailing Wage Determination during the life of the project, as applicable.

Schedule of Fees for Laboratory Testing

SOILS

Atterberg Limits, D 4318, CT 204	\$ 170
California Bearing Ratio (CBR), D 1883	\$ 550
Chloride and Sulfate Content, CT 417 & CT 422	\$ 175
Consolidation, D 2435, CT 219	\$ 300
Consolidation, Hydro-Collapse only, D 2435	\$ 150
Consolidation – Time Rate, D 2435, CT 219	\$ 200
Direct Shear – Remolded, D 3080	\$ 350
Direct Shear – Undisturbed, D 3080	\$ 300
Durability Index, CT 229	\$ 175
Expansion Index, D 4829, IBC 18-3	\$ 190
Expansion Potential (Method A), D 4546	\$ 170
Geofabric Tensile and Elongation Test, D 4632	\$ 200
Hydraulic Conductivity, D 5084	\$ 350
Hydrometer Analysis, D 422, CT 203	\$ 220
Moisture, Ash, & Organic Matter of Peat/Organic Soils	\$ 120
Moisture Only, D 2216, CT 226	\$ 35
Moisture and Density, D 2937	\$ 45
Permeability, CH, D 2434, CT 220	\$ 300
pH and Resistivity, CT 643	\$ 175
Proctor Density D1557, D 698, CT 216, AASHTO T-180	\$ 220
Proctor Density with Rock Correction D 1557	\$ 340
R-value, D 2844, CT 301	\$ 375
Sand Equivalent, D 2419, CT 217	\$ 125
Sieve Analysis, D 422, CT 202	\$ 145
Sieve Analysis, 200 Wash, D 1140, CT 202	\$ 100
Specific Gravity, D 854	\$ 125
Thermal Resistivity (ASTM 5334, IEEE 442)	\$ 925
Triaxial Shear, C.D., D 4767, T 297	\$ 550
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	\$ 450
Triaxial Shear, C.U., w/o pore pressure, D 4767, T 2297 per pt	\$ 350
Triaxial Shear, U.U., D 2850	\$ 250
Unconfined Compression, D 2166, T 208	\$ 180

MASONRY

Brick Absorption, 24-hour submersion, 5-hr boiling, 7-day, C 67	\$ 70
Brick Compression Test, C 67	\$ 55
Brick Efflorescence, C 67	\$ 55
Brick Modulus of Rupture, C 67	\$ 50
Brick Moisture as received, C 67	\$ 45
Brick Saturation Coefficient, C 67	\$ 60
Concrete Block Compression Test, 8x8x16, C 140	\$ 70
Concrete Block Conformance Package, C 90	\$ 500
Concrete Block Linear Shrinkage, C 426	\$ 200
Concrete Block Unit Weight and Absorption, C 140	\$ 70
Cores, Compression or Shear Bond, CA Code	\$ 70
Masonry Grout, 3x3x6 prism compression, C 39	\$ 45
Masonry Mortar, 2x4 cylinder compression, C 109	\$ 35
Masonry Prism, half size, compression, C 1019	\$ 120
Masonry Prism, Full size, compression, C 1019	\$ 200

REINFORCING AND STRUCTURAL STEEL

Chemical Analysis, A 36, A 615	\$ 135
Fireproofing Density Test, UBC 7-6	\$ 90
Hardness Test, Rockwell, A 370	\$ 80
High Strength Bolt, Nut & Washer Conformance, per assembly, A 325	\$ 150
Mechanically Spliced Reinforcing Tensile Test, ACI	\$ 175
Pre-Stress Strand (7 wire), A 416	\$ 170
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	\$ 75
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	\$ 90
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	\$ 80

CONCRETE

Compression Tests, 6x12 Cylinder, C 39	\$ 35
Concrete Mix Design Review, Job Spec	\$ 300
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	\$ 850
Concrete Cores, Compression (excludes sampling), C 42	\$ 120
Drying Shrinkage, C 157	\$ 400
Flexural Test, C 78	\$ 85
Flexural Test, C 293	\$ 85
Flexural Test, CT 523	\$ 95
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	\$ 275
Lightweight Concrete Fill, Compression, C 495	\$ 80
Petrographic Analysis, C 856	\$ 2,000
Restrained Expansion of Shrinkage Compensation	\$ 450
Splitting Tensile Strength, C 496	\$ 100
3x6 Grout, (CLSM), C 39	\$ 55
2x2x2 Non-Shrink Grout, C 109	\$ 55

ASPHALT

Air Voids, T 269	\$ 85
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)	\$ 4,500
Asphalt Mix Design Review, Job Spec	\$ 180
Dust Proportioning, CT LP-4	\$ 85
Extraction, % Asphalt, including Gradation, D 2172, CT 382	\$ 250
Extraction, % Asphalt without Gradation, D 2172, CT 382	\$ 150
Film Stripping, CT 302	\$ 120
Hveem Stability and Unit Weight D 1560, T 246, CT 366	\$ 225
Marshall Stability, Flow and Unit Weight, T 245	\$ 240
Maximum Theoretical Unit Weight, D 2041, CT 309	\$ 150
Moisture Content, CT 370	\$ 95
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	\$ 1,000
Slurry Wet Track Abrasion, D 3910	\$ 150
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	\$ 4,900
Superpave, Gyrotory Unit Wt., T 312	\$ 100
Superpave, Hamburg Wheel, 20,000 passes, T 324	\$ 1,000
Unit Weight sample or core, D 2726, CT 308	\$ 100
Voids in Mineral Aggregate, (VMA) CT LP-2	\$ 90
Voids filled with Asphalt, (VFA) CT LP-3	\$ 90
Wax Density, D 1188	\$ 140

AGGREGATES

Clay Lumps and Friable Particles, C 142	\$ 180
Cleaness Value, CT 227	\$ 180
Crushed Particles, CT 205	\$ 175
Durability, Coarse or Fine, CT 229	\$ 205
Fine Aggregate Angularity, ASTM C 1252, T 304, CT 234	\$ 180
Flat and Elongated Particle, D 4791	\$ 220
Lightweight Particles, C 123	\$ 180
Los Angeles Abrasion, C 131 or C 535	\$ 200
Material Finer than No. 200 Sieve by Washing, C 117	\$ 90
Organic Impurities, C 40	\$ 90
Potential Alkali Reactivity, Mortar Bar Method, Coarse, C 1260	\$ 1,250
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260	\$ 950
Potential Reactivity of Aggregate (Chemical Method), C 289	\$ 475
Sand Equivalent, T 176, CT 217	\$ 125
Sieve Analysis, Coarse Aggregate, T 27, C 136	\$ 120
Sieve Analysis, Fine Aggregate (including wash), T 27, C 136	\$ 145
Sodium Sulfate Soundness, C 88	\$ 450
Specific Gravity and Absorption, Coarse, C 127, CT 206	\$ 115
Specific Gravity and Absorption, Fine, C 128, CT 207	\$ 175

ROOFING

Roofing Tile Absorption, (set of 5), C 67	\$ 250
Roofing Tile Strength Test, (set of 5), C 67	\$ 250

Special preparation of standard test specimens will be charged at the technician's hourly rate.
Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.



Platt/Whitelaw Architects Inc.
PROFESSIONAL RATES
01/01/2020 through 12/31/2023

Category	2020 Rates	2021 Rates	2022 Rates	2023 Rates
Principal Architect: Naveen Waney	\$229.00	\$235.00	\$242.00	\$249.00
Project Manager: Thomas Brothers	\$180.00	\$185.00	\$190.00	\$195.00
Project Architect	\$167.00	\$172.00	\$177.00	\$182.00
Architect	\$152.00	\$156.00	\$160.00	\$164.00
Spec Writer	\$144.00	\$148.00	\$152.00	\$156.00
Project Coordinator: Sebastian Beingolea	\$120.00	\$123.00	\$126.00	\$129.00
CAD Tech 1	\$111.00	\$114.00	\$117.00	\$120.00
CAD Tech 2	\$86.00	\$88.00	\$90.00	\$92.00
Clerical	\$75.00	\$77.00	\$79.00	\$81.00

Personnel classifications may be amended based on potential staff changes. Any new classification will be subject to prior approval by the client.

**PLATT/WHITELAW
ARCHITECTS, INC.**

Sandra S. Gramley, AIA
PRINCIPAL

Naveen H. Waney, AIA
PRINCIPAL

David M. Madigan
ASSOCIATE

Thomas E. Brothers
ASSOCIATE

Keiko S. Newton
ASSOCIATE

Rates good through 12/31/2023

4034 30th Street
San Diego, CA
9 2 1 0 4 - 2 6 0 2
ph 619 546 4326
fax 619 546 4350
www.plattwhitelaw.com

T2 Utility Engineers Rate Schedule - Mesa Water District

Subsurface Utility Engineering Services

Rates for Calendar Year 2020, 2% Annual Increase

Services	Bill Rate	Overtime	Prevailing Wage	Prevailing Wage OT	Unit
Pothole Under Natural Ground	\$600.00	\$685.00	\$685.00	\$1,025.00	per hole
Pothole Under Paving / Concrete	\$700.00	\$805.00	\$855.00	\$1,365.00	per hole
Pothole Exceeding 6.99 feet in Depth	\$105.00	\$125.00	\$130.00	\$165.00	per foot
Vacuum Excavation Truck, Crew and Equipment	\$335.00	\$395.00	\$425.00	\$510.00	per hour
Utility Designating & Investigation Underground	\$0.91	\$1.14	\$1.15	\$1.48	per foot
Utility Designating & Investigation Overhead	\$0.45	\$0.58	\$0.58	\$0.74	per foot
Utility Designating 2 Man Crew and Equipment	\$275.00	\$350.00	\$335.00	\$440.00	per hour
Utility Designating 1 Man Crew and Equipment	\$195.00	\$220.00	\$210.00	\$260.00	per hour
Concrete / Asphalt Coring	\$165.00	\$205.00	\$205.00	\$225.00	per hour
Survey - 2 Man Crew and Equipment	\$255.00	\$345.00	\$260.00	\$350.00	per hour
Survey - 1 Man Crew and Equipment	\$180.00	\$225.00	\$185.00	\$230.00	per hour
Senior Project Manager	\$205.00	NA	NA	NA	per hour
Project Engineer	\$185.00	NA	NA	NA	per hour
Project Surveyor	\$185.00	NA	NA	NA	per hour
Project Manager	\$145.00	NA	NA	NA	per hour
SUE Manager	\$125.00	NA	NA	NA	per hour
CADD Supervisor	\$120.00	NA	NA	NA	per hour
SUE Supervisor	\$90.00	\$135.00	\$120.00	\$160.00	per hour
SUE Technician III	\$80.00	\$120.00	\$120.00	\$160.00	per hour
SUE Technician II	\$75.00	\$112.50	\$120.00	\$160.00	per hour
SUE Technician I	\$70.00	\$105.00	\$120.00	\$160.00	per hour
CADD Technician	\$85.00	\$127.50	NA	NA	per hour
Administrative Support	\$75.00	\$112.50	NA	NA	per hour
Mobilization: Vac-Truck & Crew	\$4.32	\$5.68	\$5.77	\$7.50	per mile
Mobilization: Designating or Survey Truck & Crew	\$3.02	\$4.08	\$4.26	\$5.74	per mile
Expenses					
Per Diem	Not Applicable				
Encroachment and Traffic Permits	actual cost				
Subcontractors	actual cost				



**CAROLLO ENGINEERS, INC.
FEE SCHEDULE**

**Mesa Water District
Effective January 1, 2020**

	Hourly Rate
<i>Engineers/Scientists</i>	
Assistant Professional	\$170.00
Professional	220.00
Project Professional	245.00
Lead Project Professional	278.00
Senior Professional	298.00
<i>Technicians</i>	
Technicians	140.00
Senior Technicians	175.00
<i>Support Staff</i>	
Document Processing / Clerical	122.00
<i>Project Equipment Communication Expense (PECE) Per DL Hour</i>	13.00
<i>Other Direct Expenses</i>	
Travel and Subsistence	no cost
Mileage	no cost
Expert Witness	Rate x 2.0

Fee Schedule will be escalated at the annual LA/OC CPI percentage



April 23, 2020

Karyn Igar, P.E., Senior Engineer
Mesa Water District
1965 Placentia Avenue
Costa Mesa, CA 92627

Via Email: karyni@mesawater.org

RE: Proposed Rates - Proposal to Provide On-Call Professional Engineering and Design Services for the Capital Improvement Program Renewal (CIPR) and Other On-Call Projects

Dear Ms. Igar,

HDR Engineering, Inc. (HDR) is submitting our Proposed Rate Sheet to Mesa Water District (Mesa Water®) based on our understanding of the three Program Areas (Reservoirs, Distribution Program, and District Facilities Program), the CIPR projects described in Appendix C of the RFQ, and through discussions with your staff. In accordance with Mesa Water District's RFQ, we have included a proposed rate sheet by personnel classification for the work and an annual rate escalation.

HDR is willing to negotiate and clarify any components of the SOQ and proposed rates to meet Mesa Water®'s needs.

We look forward to continuing our working relationship with Mesa Water®. Please contact our Program Manager, Amy Omae at (714) 730-2344, should you have any questions regarding our SOQ.

Sincerely,
HDR Engineering, Inc.

Aaron Meilleur, PE
Vice President

Amy Omae, PE, LEED AP
Program Manager



PROPOSED RATES

Rates are subject to escalation (up to the annual LA/OC CPI) on January 1 of each year.

TITLE	2020 RATE
ENGINEERING	(\$)
Senior Project Manager II	\$350
Senior Project Manager I	\$325
Task Lead	\$300
Sr Project Engineer II	\$275
Sr Project Engineer I	\$250
Project Manager/Engineer II	\$225
Project Manager/Engineer I	\$200
Staff Engineer II	\$175
Staff Engineer I	\$150
Technician II	\$125
Technician I	\$100
Intern II	\$90
Intern I	\$75
PRODUCTION/ADMINISTRATION	(\$)
CAD / BIM Manager	\$200
CAD / BIM Technician	\$150
Senior Administrator	\$200
Project Administrator	\$150
Project Coordinator	\$125

PROPOSED RATES

Fee Schedule



Effective through December 31, 2020. All rates, including subconsultant rates, are subject to an annual rate increase based upon the LA/OC CPI each consecutive year beginning January 1.

ENGINEERING SERVICES	HOURLY RATE
Principal	\$230
Project Manager	\$170
Assistant Project Manager	\$165
Quality Assurance I	\$160
Quality Assurance II	\$185
Quality Assurance III	\$230
Senior Engineer	\$160
Project Engineer	\$130
Assistant Engineer	\$120
Structural Engineer	\$195
Designer	\$110
Engineering Technician	\$90
CADD Drafter I	\$90
CADD Drafter II	\$125
Administration	\$90

SURVEY SERVICES	HOURLY RATE
CADD Technician I / GIS Technician II / Photogrammetry Analyst	\$117
CADD Technician II / Photogrammetry Specialist / UAV Pilot II	\$127
CADD Technician III / GIS Analyst / Junior Surveyor	\$135
Design Supervisor / LiDAR Analyst	\$155
LiDAR Specialist / Associate Surveyor / One Person Ortho/Imaging Crew	\$165
UAV Mapping Specialist / UAV Pilot I / GIS Technician I / UAV Field Technician	\$115
Principal / Two Person LiDAR Crew / Two Person Ortho-Imaging Crew	\$250
1-Person Survey Crew	\$168
2-Person Survey Crew	\$284
3-Person Survey Crew	\$345

SECURITY SYSTEM SERVICES	HOURLY RATE
Principal Designer	\$205
Project Consultant/Technology Planner	\$185
Security Designer	\$175
Software Developer/Specialist	\$185
Designer	\$185
Assistant Designer	\$125
Project Coordinator	\$125
Graphic Artist	\$125
BIM Modeler/CAD Specialist	\$95
Administration	\$65

Fee Schedule



Effective through December 31, 2020. All rates, including subconsultant rates, are subject to an annual rate increase based upon the LA/OC CPI each consecutive year beginning January 1.

COMMUNITY OUTREACH SERVICES	HOURLY RATE
Project Manager	\$165
Assistant Project Manager	\$145
Community Relations Specialist	\$129
Project Coordinator	\$105
Integrated Marketing Specialist	\$135
Media Relations Specialist	\$125
Graphic Designer	\$105
Videographer	\$105
Bilingual Translation	\$95
REIMBURSABLE EXPENSES	COST
Consultant Services	Cost

PROPOSED RATES



BSE Engineering, Inc. 10680 Trenea Street, Suite 100, San Diego, CA 92131

tel 858.800.6000 fax 858.800.6001 www.BSEngineering.com

California Professional Engineers M29400 / E13353

BSE Engineering Hourly Rate Schedule

Principal Engineer.....	\$ 235.95
Senior Associate Engineer	\$ 200.20
Associate Engineer	\$ 174.78
Senior Engineer	\$ 156.60
Project Engineer	\$ 138.73
Engineer II.....	\$ 114.43
Engineer I.....	\$ 95.81
Senior Designer	\$ 125.85
Designer.....	\$ 74.36
Senior CAD	\$ 78.82
CAD	\$ 65.44
Senior Admin	\$ 78.82
Admin	\$ 56.51

We propose to furnish the services based on the hourly billing rates listed below for the services associated with this project. Often we propose an “hourly not to exceed” contract at the beginning of our process. Below is a schedule of hourly billing rates.

We tailor our scope and subsequent fee proposals to accommodate the scope of work realizing that there is latitude in both parameters to be discussed during the contract negotiation. Effective through December 31, 2020. Rates are subject to an annual rate increase based upon the LA/OC CPI each consecutive year beginning January 1.

SCHEDULE OF HOURLY BILLING RATES

ARCHITECTURE

Principal.....	185
Project Director.....	155
Project Architect.....	135
Job Captain.....	95
CAD Tech.....	85
Clerical.....	65

PROPOSED RATES



Position Title	Assigned hourly rate for the duration of the contract
Principal In Charge	\$ 157.00
Senior Regulatory Specialist	\$ 157.00
Program Manager	\$ 157.00
Senior Ecologist	\$ 140.00
CEQA/NEPA Specialist	\$ 140.00
Environmental Project Manager	\$ 140.00
Environmental Site Manager	\$ 140.00
Public Outreach Specialist	\$ 140.00
Senior Biologist	\$ 140.00
FAA Licensed UAV Pilot	\$ 135.00
Biologist	\$ 128.00
Field Biologist	\$ 110.00
Cadd/GIS Specialist	\$ 110.00
Project Analyst	\$ 100.00
General Construction Monitor	\$ 85.00
Administrative	\$ 65.00

PROPOSED RATES



2020 Billing Rates

Corrosion Engineering Services

Principal Engineer (NACE Certified or Corrosion PE)	\$170
Senior Project Manager (NACE Certified or Corrosion PE)	\$165

Administrative Services

Administrator	\$95
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Cadd Design Services

Senior CADD Technician	\$110
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Note: All overhead costs (Mileage, Admin, Per Diem, etc.) are included in the above billing rates unless otherwise noted

PROPOSED RATES



Standard Commercial Terms and Conditions

Effective: January 1, 2020

1. Time and Material (T&M) or Fixed Fee Contracts

The client will be invoiced periodically based on demonstrable completion of work. Typical billing cycles are the 1st and the 16th of the month for projects that extend over the typical billing cycle or completion of the project for shorter duration projects. The billing cycle will be set by mutual agreement between the client and **Prime Systems Industrial Automation, Inc.** at the time of the issuance on the order to proceed with the work.

2. Equipment Purchases

When equipment is purchased and/or procured for the client, **Prime Systems Industrial Automation, Inc.** will generate an invoice to the client upon initial purchase order to the equipment supplier. **Prime Systems Industrial Automation, Inc.** applies a 15% material handling charge to all purchased equipment. Shipping and Handling (S&H) charges from the supplier/distributor are invoiced at cost. Sales tax is applied to all hardware/software orders.

3. Down Payment

Project Down Payment is typically 25% and is negotiated on a Project by Project basis. Negotiated contract deliverable dates are based on receipt of Project Down Payment.

4. Minimum Service Call

Prime Systems Industrial Automation, Inc. will respond as quickly as possible to all client requests for technical support. In the event that a field service call is required, **Prime Systems Industrial Automation, Inc.** will apply the typical 4-hour minimum service charge plus Travel Time and Expenses as identified below. Labor rates are applied as identified below.

5. Labor Rates

Prime Systems Industrial Automation, Inc. labor rates are as follows (based on Net 30-day payment terms):

- Standard Office Support \$184/hour
- Standard Out-of-Office Support (4-hour minimum plus travel time) \$184/hour
- Emergency Support (After Hours, Saturday, Short Notice***) 1.5 times Standard Labor Rate above
- Emergency Plus Support (Sunday & Holidays) 2 times Standard Labor Rate above

*** Short Notice is requested support within 7 calendar days.

6. Travel Time

Travel time is invoiced for all Out-of-Office engagements (meetings, programming, testing, start-ups, service calls, etc.). Travel time is calculated door-to-door and is invoiced at the labor rates as identified above. All travel and field expenses incurred are billable and will be invoiced accordingly.

7. Travel Mileage

Prime Systems Industrial Automation, Inc. invoices the current IRS business mileage travel rate.

8. Payment Terms

All invoices are due and payable in full within 30 days of the date of the invoice.

Prime Systems Industrial Automation, Inc. does not accept payment retention on any invoices. Late payments may affect Contract Deliverables, Contract Schedules, and/or Service Support.

9. Warranty

Programs written in their entirety by **Prime Systems Industrial Automation, Inc.** are covered for one year from acceptance, for any programming errors that are demonstrable and repeatable. Any warranty considerations will be based on the system accepted at the time of completion and the written "system operations" document. Tampering or modifications by others will void the warranty unless prior written direction or permission is given.

Prime Systems Industrial Automation, Inc.

6236 River Crest Dr., Suite B | Riverside, CA 92507 | Tel: 951.656.7139 | FAX: 951.656.8139



**MESA WATER DISTRICT
ON-CALL ENGINEERING AND DESIGN SERVICES
TETRA TECH - 2020
HOURLY CHARGE RATE AND EXPENSE REIMBURSEMENT SCHEDULE**

Project Management

Project Manager 1	\$220.00
Project Manager 2	\$260.00
Sr Project Manager	\$305.00
Program Manager	\$330.00
Principal in Charge	\$330.00

Engineers

Engineering Technician	\$37.00
Engineer 1	\$96.00
Engineer 2	\$115.00
Engineer 3	\$130.00
Project Engineer 1	\$150.00
Project Engineer 2	\$165.00
Sr Engineer 1	\$175.00
Sr Engineer 2	\$185.00
Sr Engineer 3	\$210.00
Principal Engineer	\$300.00

Planners

Planner 1	\$104.00
Planner 2	\$115.00
Sr Planner 1	\$125.00
Sr Planner 2	\$151.00
Sr Planner 3	\$175.00

Designers & Technicians

CAD Technician 1	\$65.00
CAD Technician 2	\$75.00
CAD Technician 3	\$90.00
CAD Designer	\$100.00
Sr CAD Designer 1	\$125.00
Sr CAD Designer 2	\$145.00
CAD Director	\$150.00
Survey Tech 1	\$50.00

Health & Safety

H&S Administrator	\$95.00
Sr H&S Administrator	\$115.00
H&S Manager	\$145.00

Construction

Construction Project Rep 1	\$78.00
Construction Project Rep 2	\$85.00
Sr Constr Project Rep 1	\$100.00
Sr Constr Project Rep 2	\$115.00
Construction Manager 1	\$165.00
Construction Manager 2	\$185.00
Construction Director	\$233.00

General & Administrative

Project Assistant 1	\$67.00
Project Assistant 2	\$75.00
Project Administrator	\$95.00
Sr Project Administrator	\$110.00
Sr Graphic Artist	\$150.00
Technical Writer 1	\$97.00
Technical Writer 2	\$124.00
Sr Technical Writer	\$155.00

Information Technology

Systems Analyst / Programmer 1	\$77.00
Systems Analyst / Programmer 2	\$115.00
Sr Sys Analyst / Programmer 1	\$130.00
Sr Systems Analyst / Programmer 2	\$196.00

Project Accounting

Project Analyst 1	\$90.00
Project Analyst 2	\$114.00
Sr Project Analyst	\$155.00

Direct costs for travel, mileage, and copies are not eligible for billing. Any services performed by subcontractor will be billed at cost (no mark-up allowed). Annual billing rate escalation shall be limited to the annual LA/OC CPI.

Proposed Rates for WSC and Subconsultants



WSC Classifications and Rates

Labor Classification	Hourly Rate
Engineers / Project Managers / Planners / Hydrogeologists	
Engineering Intern	\$115
Assistant — Patricia Olivas	\$135
Staff I — Troy Arashiro	\$145
Staff II	\$155
Staff III	\$165
Associate I — Kaylie Tavenner	\$180
Associate II — Michael Goymerac	\$190
Associate III — Chris Deiter	\$200
Senior I	\$220
Senior II	\$230
Senior III — Justin Pickard	\$240
Principal I — Kirsten Plonka, Laine Carlson	\$250
Principal II — Josh Reynolds, Jeroen Olthof	\$280
Principal III — Jeff Szytel	\$305
Outreach and Communications	
Communications Support I	\$120
Communications Support II	\$140
Communications Support III	\$160
Outreach Specialist/Facilitator I — Tiffany Meyer, Sarah Walker	\$175
Outreach Specialist/Facilitator II	\$220
Outreach Specialist/Facilitator III	\$265
CAD Design Services	
Technician/Designer I	\$120
Technician/Designer II — Chris Durbin	\$135
Technician/Designer III — Paul D’Santi	\$155
Inspection Services	
Inspector I	\$125
Inspector II	\$140
Inspector III	\$165
Inspector (Prevailing Wage)	\$170
Administrative Services	
Administration/Clerical I	\$120
Administration/Clerical II	\$130
Administration/Clerical III	\$145

10% mark-up on direct expenses

Standard mileage rate \$0.57 per mile (or current Federal Mileage Reimbursement Rate when pre-approved by Mesa Water)

Airplane mileage rate \$1.27 per mile (or current Federal Airplane Mileage Reimbursement Rate when pre-approved by Mesa Water)

Rates are subject to revision as of January 1 each year and will be limited to the annual LA/OC CPI



Rate Schedule

Standard Fee Schedule for Environmental Sciences and Planning Services

Professional, Technical and Support Personnel*	Hourly Rate
Principal II — Jennifer Haddow	\$240
Director II	\$240
Principal I	\$220
Director I	\$220
Senior Supervisor II	\$205
Supervisor I	\$195
Senior Professional II — Aubrey Mescher	\$175
Senior Professional I	\$160
Professional IV	\$145
Professional III	\$130
Professional II	\$115
Professional I	\$105
Associate III	\$95
Associate II	\$90
Associate I	\$82
Project Assistant	\$75
Senior GIS Specialist	\$140
GIS/CADD Specialist II	\$125
GIS/CADD Specialist I	\$112
Technical Editor	\$112
Production Specialist	\$88
Clerical	\$75

*Professional classification includes environmental scientists, urban planners, biologists, geologists, marine scientists, GHG verifiers, sustainability experts, cultural resources experts and other professionals. Expert witness services consisting of depositions or in-court testimony are charged at the hourly rate of \$350

Reimbursable Expenses

Direct Costs associated with the execution of a project, that are not included in the hourly rates above or excluded as indicated in the RFP, are billed at cost plus 15%. These may include, but are not limited to, laboratory and drilling services, permit charges and filing fees, mailings and postage, performance bonds, and sample handling and shipment.

Annual Escalation. Standard rates subject to annual escalation, limited to the annual LA/OC CPI.

Payment Terms. All fees will be billed to Client monthly and shall be due and payable upon receipt.

Equipment	Day Rate
Environmental Site Assessment	
Brass Sample Sleeves, Bailers, Disposable Bailers	\$25
Water Level Indicator, DC Purge Pump	\$40
Hand Auger Sampler	\$55
Oil-Water Interface Probe	\$85
Four Gas Monitor or Photo-Ionization Detector	\$120
Soil Vapor Extraction Monitoring Equipment	\$140
Flame Ionization Detector	\$200
Natural Resources Field Equipment	
Trimble GPS (sub-meter accuracy)	\$190
UAS Drone	\$250
Pettersson Bat Ultrasound Detector/Recording Equipment	\$150
Spotting or Fiberoptic Scope	\$150
Amphibian/Vernal Pool Field Package: (digital camera, GPS, thermometer, decon chlorine, waders, float tube, hand net, field microscope)	\$150
Remote Field Package, (digital camera, GPS, thermometer, binoculars, tablet and mifi, Delorme Satellite Beacon, 24-Hour Safety Phone)	\$125
Sound Level Metering Field Package: anemometer, tripod and digital camera.	\$100
Standard Field Package (digital camera, GPS, thermometer, binoculars, tablet, safety equipment, and botanic collecting equipment)	\$95
Fisheries Equipment Package: (waders, wetsuits, dip nets, seine nets, bubblers, buckets)	\$50
Water Quality Equipment (DO, pH, Turbidity, refractometer, temperature)	\$55
Large Block Nets	\$100
Minnow trap	\$85
Infrared Sensor Digital Camera or Computer Field Equipment	\$50
Scent Station	\$20
Laser Rangefinder/Altitude	\$10
Net, Hand/Large Seine	\$10/\$50
Pit-fall Traps, Spotlights, Anemometer, GPS Units, Sterilized Sample Jar	\$8
Mammal Trap, Large/Small	\$1.50/ \$.50
Water & Marine Resources Equipment	
Refractometer (salinity) or Turbidity Meter	\$35
Multi Parameter Sonde (Temp, Cond, Turbidity, DO, pH) with GPS	\$150
Boat (20 ft. Boston Whaler or Similar)	\$300
Boat (26 ft. Radon or Similar)	\$550
Side Scan or Single Beam Sonar	\$700
Underwater & Marine Sampling Gear includes: U/W Photo/Video Camera, SCUBA Equipment (Tanks, BCD, Regulators, Wetsuits, etc.)	\$50/diver
Marine Field Package: (Personal Flotation Devices (PFDs),100 ft. Reel Tapes w/ Stainless Carabiners, Pelican Floats, Underwater Slates, Thermometer, Refractometer, Anemometer, various Field Guides)	\$50
Insurance, Hazard & Safety Fees	
L & H Dive Insurance	\$50/diver
Hazard Premium (In or Underwater ONLY per/hour)	\$1.25 X hourly
Level C Health and Safety	\$60 person



**SCHEDULE OF FEES
BRIDGE / STRUCTURAL DESIGN**

HOURLY CHARGES

Rates valid through December 31, 2020

SENIOR PRINCIPAL ENGINEER	\$300.00
SENIOR PRINCIPAL STRUCTURAL ENGINEER / TECHNICAL SPECIALIST	\$258.00
GROUP MANAGER	\$227.00
PROJECT MANAGER	\$165.00
PRINCIPAL STRUCTURAL ENGINEER	\$185.00
SENIOR ENGINEER I	\$206.00
SENIOR ENGINEER II	\$180.00
PROJECT ENGINEER I	\$165.00
PROJECT ENGINEER II	\$134.00
ASSOCIATE ENGINEER	\$129.00
ASSISTANT ENGINEER	\$115.00
ENGINEERING INTERN	\$ 88.00
SENIOR TECHNICIAN	\$190.00
SENIOR CADD TECHNICIAN	\$145.00
CADD TECHNICIAN	\$124.00
PROJECT CONTROLS SPECIALIST	\$129.00
PROJECT ADMINISTRATOR	\$ 98.00

Hourly charges include provisions for normal overhead costs such as fringe benefits, office rental, utilities, insurance, equipment, normal supplies and materials. Annual billing rate escalation shall be limited to the annual LA/OC CPI. Mileage shall be reimbursed at a rate of 58 cents per mile (when pre-approved by Mesa Water District).



1000 Broadway
Suite 320
Oakland, CA 94607

510.903.6600 **Tel**
510.903.6601 **Fax**
vaengineering.com

V&A Consulting Engineers
2020 Fee Schedule
Rates include Overhead & Profit

Position	Rate
Principal-in-Charge (PIC)	\$297
Senior Project Manager	\$259
Project Manager	\$239
Senior Project Engineer	\$223
Project Engineer	\$199
Associate Engineer	\$178
Assistant Engineer	\$145
CADD Designer	\$145
Engineering Assistant	\$134
Senior Technician	\$128
Technician	\$111
Project Admin/Clerical	\$89
Forensic Engineering	\$425
Deposition/Court Appearance	\$550
Other Direct Costs	
Subcontractor/Subconsultant: Cost	
Soil and Coating Sample Analysis: Cost	
Travel (Air/Hotel/Per Diem/Rent-A-Car): @ No Cost	
Auto/Truck Mileage: @ No Cost	
Field Truck: \$85/Day	
Confined Space Entry Truck and Safety Equipment: \$130/Day	
Reproduction, Printing, Shipping: @ No Cost	
Annual billing rate escalation shall be limited to the annual LA/OC CPI.	



Leading the Way Through Superior Client Service, Innovation, and a Commitment to Excellence

WestLAND Group, Inc. Standard Rates WRD On-Call Engineering

Professional Services Fee Schedule effective through December 31, 2023

OFFICE SERVICES

Principal	\$215/hr
Senior Project Manager	\$195/hr
Project Manager	\$180/hr
QA/QC Specialist	\$180/hr
Project Engineer/Surveyor/Senior Designer	\$160/hr
Designer/Staff Engineer	\$135/hr
Mapping/Survey/GIS Analyst	\$125/hr
Mapping/Survey/Engineering/GIS Technician	\$120/hr
Administration	\$ 90/hr
Engineering Aide/Intern	\$ 80/hr

FIELD SERVICES

1-Man Survey Crew with Equipment	\$175/hr (\$180/hr PW)
2-Man Survey Crew with Equipment	\$240/hr (\$300/hr PW)
3-Man Survey Crew with Equipment	\$300/hr (\$335/hr PW)

- ◆ *Hourly rates for field crews include normal usage of field equipment and are fully equipped rates, including vehicle.*
- ◆ *There is a four (4) hour minimum call out.*



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Tracy E. Manning, Water Operations Manager
DATE: May 14, 2020
SUBJECT: OC-44 Repair Summary Report

RECOMMENDATION

Receive the information and approve an increase to the On-Call Pipeline Repair and Construction contracts by \$175,000 for a total amount not to exceed \$325,000 for Fiscal Year 2020, and authorize execution of the change order.

STRATEGIC PLAN

Goal #1: Provide a safe, abundant, and reliable water supply.
Goal #2: Practice perpetual infrastructure renewal and improvement.
Goal #3: Be financially responsible and transparent.

PRIOR BOARD ACTION/DISCUSSION

At its June 20, 2017 meeting, the Engineering & Operations (E&O) Committee received an information item on the preparation of the Request for Bids for On-Call Emergency Pipeline Repair and Construction.

At its September 14, 2017 meeting, the Board of Directors (Board) approved On-Call Pipeline Repair & Construction contracts with Paulus Engineering, Inc. (Paulus), GCI Construction, Inc. (GCI), and W.A. Rasic Construction Company, Inc. (Rasic) for an amount not to exceed \$150,000 per year in total.

DISCUSSION

The use of On-Call Emergency Pipeline Repair and Construction contractors allows Mesa Water District (Mesa Water) to react quickly to urgent operational events, such as the leak discovered on January 30, 2020 in the intersection of Bristol Street and Santa Ana Avenue on the OC-44 line. OC-44 consists of approximately 8.5 miles of concrete cylinder pipe (CCP) ranging in size from 24" to 42". The leak was on a 42" section of the upper reach. This segment of OC-44 had been depressurized for several months to allow for the slip-lining of the section of 42" pipe that crosses the San Diego Creek and had been re-pressurized, passed all water quality tests, and was ready to be placed in service when the leak surfaced approximately 1.5 miles to the west. The magnitude of the repair required the combined effort of Mesa Water staff and an on-call pipeline construction contractor, Paulus Engineering, to work to restore service to Mesa Water's turn-outs, the City of Huntington Beach, and Orange County Water District as quickly as possible. Due to the foresight and support of the Board, Mesa Water was able to mobilize the necessary resources quickly.

Michael Baker International (MBI) was brought in to assist with pipeline design calculations, on-site construction inspection, and professional welding inspection services under a separate on-call design services contract.



The general timeline of repair was as follows:

January 30, 2020: Water was reported to be pooling in the intersection of Bristol Street and Santa Ana Avenue. Staff coordinated with the three other agencies that operate pressurized water lines in the area to work to identify the source of the water. OC-44 was depressurized in that section overnight.

January 31: With OC-44 depressurized, the pooling water had evaporated. Mesa Water's on-call construction contractors were contacted, and Paulus was available to start work immediately. A jobsite meeting took place between Mesa Water, Jason Paulus, and City of Costa Mesa staff to discuss traffic control permit requirements. An emergency Underground Service Alert was issued.

February 5 - 11: Traffic control, excavation, and trenching and shoring continued until the source of the leak was found close to a 45° section of the pipe. As the leak was along a seam, it was determined that the repair could not be completed by welding alone and a section of pipe would need to be replaced.

February 12 - March 23: The contractor and Mesa Water staff searched for a section of appropriate 42" pipe that would meet pressure requirements. As none was readily available, a section was fabricated. Fabrication was completed on March 20 and the new pipe was delivered onsite on March 23. An additional 20-foot section was ordered to prepare for any future repairs to the 42" section of this line.

March 24 - 30: Due to the proximity of a high pressure gas line to the repair site, a large section of 42" pipe was removed from the excavation to allow welding of the 6 feet of replacement pipe to occur in an area away from the gas line. The refurbished section was re-installed and welded in place. MBI provided welding inspection services for this work. The welded areas were lined and coated and the pipe was re-pressurized to check for leaks. The repaired area was then encased in concrete to minimize future movement before backfill and slurry was completed.

March 30 - April 1: Flushing of the upper reach and repaired section was completed to Santa Ana Station.

April 2: Base paving was completed.

April 2 - 4: Water quality testing was completed on the upper reach and repaired section.

April 7 - 9: Flushing of the lower reach was completed from Santa Ana Station to Ranger Station with the City of Huntington Beach.

April 9: Surface grinding and final asphalt cap was completed.

April 10 - 11: Water quality testing was completed on the lower reach.

April 13: OC-44 was placed back online and water began to flow to the City of Huntington Beach.



REPAIR COST SUMMARY

Firm	Services	Cost
Paulus Engineering, Inc.	Permits, Materials, Equipment, and Labor (including subcontractors)	\$203,701
Michael Baker, International	Consultation and Inspection Services	\$19,459
Total Repair Cost:		\$223,160

Repair costs have exceeded the annual contracted and budgeted amount for on-call construction and repair services. Staff recommends that the Board of Directors approve an additional \$100,000 for Fiscal Year 2020 for on-call pipeline repair and construction contracts, and authorize execution of the contract change order. This increase will not be made available in subsequent years of the contract without prior approval from the Board.

FINANCIAL IMPACT

\$150,000 is budgeted in Fiscal Year 2020; requested funding will come from Cash on Hand.

	Contract Actual <u>Amounts</u>	Contract Cost <u>Amounts</u>
Initial Contract Estimate (FY 2020)	\$ 150,000	
Original Contracts		\$ 150,000
Change Orders		\$ 0
Requested Funding		<u>\$ 175,000</u>
Revised Contracts		<u>\$ 325,000</u>
 Actual Spent to Date (including OC-44 repair)		 \$ 298,018
 Revised Contract Estimate	 \$ 325,000	

ATTACHMENTS

None.



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

TO: Board of Directors
FROM: Stacy Taylor, External Affairs Manager
DATE: May 14, 2020
SUBJECT: Policy Positions

RECOMMENDATION

Approve the updated Policy Positions for Mesa Water District.

STRATEGIC PLAN

- Goal #1: Provide a safe, abundant, and reliable water supply.
- Goal #2: Practice perpetual infrastructure renewal and improvement.
- Goal #3: Be financially responsible and transparent.
- Goal #4: Increase public awareness about Mesa Water® and about water.
- Goal #5: Attract and retain skilled employees.
- Goal #6: Provide outstanding customer service.
- Goal #7: Actively participate in regional water issues.

PRIOR BOARD ACTION/DISCUSSION

The Policy Positions document for Mesa Water District (Mesa Water®) is regularly reviewed, updated, and approved by Mesa Water's Board of Directors (Board). This document was last reviewed, updated, and approved in January 2019.

DISCUSSION

The purpose of a Policy Positions document for Mesa Water is to establish positions, agreed upon by the Board, on public policies to guide our staff and legislative advocates in monitoring, identifying, evaluating, and prioritizing legislative, regulatory, and water/government industry issues that may impact Mesa Water and our constituents' interests. Updated as needed, our Policy Positions contribute to Mesa Water's vision, mission, and strategic plan goals.

Additionally, because we continue to be increasingly engaged in State legislative, administrative, and regulatory efforts as part of a broad coalition of industry associations -- such as the Association of California Water Agencies, California Special Districts Association, California Municipal Utilities Association, and others -- as well as collaborating on public policies with regional, statewide, and national industry groups (i.e., American Water Works Association, Association of California Cities-Orange County, Orange County Business Council, Southern California Water Coalition, Urban Water Institute, WaterReuse, etc.), an updated Policy Positions document is important for Mesa Water to be actively involved with, and influence, governance and water/utility policy decisions that can impact our operations, customers, and community.

In addition to aligning Mesa Water's Policy Positions with its Strategic Plan and 2020 Legislative Platforms (Attachment C), the newly updated Policy Positions (Attachment A) includes:

- An added Policy Position #1.c. supporting bond funds for the treatment of Constituents of Emerging Concern (e.g., PFAS);



- Edits to Policy Positions #10 and #11.g. to align with Mesa Water’s Strategic Plan;
- An added Policy Position #12 supporting the Orange County Local Agency Formation Commission as more of a facilitator, rather than an initiator, of actions;
- An added Policy Position #15 supporting CalDesal’s mission and bond funding advocacy;
- Edits to Policy Position #17 and an added Policy Position #18 supporting Mesa Water’s “Expenditures Per Capita” metric; and,
- An added opposition Policy Position #2 to align with Mesa Water’s 2020 Legislative Platforms.

The updated Policy Positions document establishes parameters that provide for timely response to policies, legislation, and/or regulations affecting Mesa Water (i.e., development/treatment of new local water supplies including desalination, infrastructure funding and fiscal policies, local control and governance issues, water pricing and conservation, water storage and transfers/exchange programs, water quality mandates and stormwater issues, water resources public policy, transparency issues, etc.). Any matters with complex implications requiring added clarification will be presented to the Board for further direction.

FINANCIAL IMPACT

None.

ATTACHMENTS

Attachment A: Updated Policy Positions, Draft
Attachment B: Current Policy Positions, Redline
Attachment C: Mesa Water’s 2020 Legislative Platforms



Policy Positions

Updated: May 14, 2020 (Draft)

Mesa Water District (Mesa Water®) supports:

1. Groundwater Quality Protection
 - a. Support Orange County Water District's (OCWD) current groundwater quality protection programs
 - i. Basin Equity Assessment (BEA) Exemption Program for Impaired Groundwater (including the Mesa Water Reliability Facility)
 - ii. The MTBE, North Basin, and South Basin groundwater protection projects
 - iii. The Tustin and Irvine desalters
 - b. Encourage OCWD to protect the Basin from chlorides caused by seawater intrusion
 - i. Encourage OCWD to set a goal of maintaining protective elevations along the coast
 - ii. Encourage OCWD to hold semi-annual barrier meetings with Coastal Agencies (Huntington Beach, Mesa Water, and Seal Beach)
 - iii. Encourage semi-annual reporting on the barrier
 - c. Collaborate with OCWD in advocating for Climate Resilience/Water Bond funding of \$500M for treatment of Constituents of Emerging Concern (CECs) such as PFAS
2. Policies that raise and stabilize the Basin Pumping Percentage (BPP)
 - a. Support OCWD setting a target BPP that they intend to consistently meet
 - b. Support new water supply projects that help achieve this goal
 - c. Support OCWD adopting a water supply policy that sets a goal of developing water supply and recharge capabilities, including purchasing replenishment water, or other actions that result in a reliable and predictable source of groundwater at a BPP of not less than 80 percent. A goal of this policy is to accomplish this with a cost-neutral, or better, impact on producers when the avoided cost of purchasing imported water is considered
3. Policies that keep the Basin full
 - a. Support OCWD adhering to the BPP-setting formula
 - b. Support maximum production at the Groundwater Replenishment System (GWRS) to ensure a cost-effective, high-quality, environmentally-friendly and sustainable local water supply that benefits all OCWD producers and that increases the region's current and future water reliability
 - c. Support maximum wastewater flows treatable by the GWRS to the Orange County Sanitation District (OCSD) -- and support OCSD/OCWD's permanent acquisition of such wastewater flows -- to ensure source reliability for the GWRS
 - d. Support stormwater capture projects that are cost-effective (e.g., equivalent to or less than GWRS costs) and that contribute source water to the Basin Principal Aquifer
4. Basin Storage and Exchange/Transfer Programs that are market-based with the primary benefits accruing to OCWD, its Groundwater Producers, and the ratepayers they serve, with such Programs applying the "Beneficiaries Pay" principle and addressing issues including, but not limited to:

- a. Full cost recovery, at a minimum, of a proportional share of the historic and future capital investments as well as operations and maintenance costs incurred by OCWD to manage the Basin
 - b. Full cost recovery, at a minimum, of the proportional value that entry into the Basin affords, including the value of reliability (and thus loss of reliability to the Groundwater Producers through the loss of available storage capacity) and the value of treatment
 - c. Accounting for water loss in a current or future year (both lost out of the Basin and lost due to inability to spread or extract)
 - d. Consideration that the above is merely a “break even” deal, and any program should bring significant benefits in excess of the above to OCWD and its Groundwater Producers
 - e. Deferring entering into any agreements until the *IRWD v. OCWD* lawsuit is resolved
 - f. Deferring entering into any agreements until the Metropolitan Water District of Southern California (MWD) Conjunctive Use Program has been terminated
 - g. Limiting any potential future storage agreements to storage programs that are compliant with OCWD Act Section 2.1.c
 - h. Maximizing the beneficial use of the Basin while maximizing Basin Pumping Percentage (BPP) for the Groundwater Producers overlying the Basin
5. Annexations
- a. Support financially neutral annexations into OCWD
6. A financially strong OCWD
- a. Support policies and practices that maintain OCWD’s current AAA credit rating from two of the three credit rating agencies
7. The potential merger of the Municipal Water District of Orange County (MWDOC) and OCWD if the merger:
- a. is mutually agreed upon by both MWDOC and OCWD, with any governance change supported by MWDOC’s and OCWD’s Boards of Directors;
 - b. encourages MWDOC and OCWD exploring mutual areas of efficiency that results in economic savings for the members of both agencies;
 - c. improves or, at a minimum, preserves the quality, reliability and sustainability of wholesale water services to the members of both agencies;
 - d. preserves the interests of groundwater producers currently existing within Orange County’s groundwater basin and protects those interests from diminished groundwater resources or supplies;
 - e. supports MWDOC’s current geographic boundaries, and preserves the existing boundaries of the Orange County groundwater basin for pumping and storage purposes;
 - f. supports MWDOC’s current mission, and allows the Orange County groundwater basin to remain unadjudicated;
 - g. respects the “one person one vote” principle if the new Board of Directors is a wholly elected board;
 - h. is facilitated openly and transparently; and,



- i. increases the effectiveness of Orange County's representation at MWD, with a coordinated and unified voice representing Orange County
8. Increased influence at Metropolitan Water District of Southern California (MWD)
 - a. Support increased allocations of MWDOC resources for engagement at MWD
 - b. Support coordination of the entire Orange County MWD delegation
9. MWDOC's priority initiatives at MWD
 - a. Protect Mesa Water's service area from any cost shifts as a result of the San Diego County Water Authority lawsuit
 - b. Encourage continued efforts in improving the Delta
 - c. Seek opportunities for MWD to provide assistance (or partnership) with MWDOC on developing desalination in Orange County
 - d. Continue to support MWD's discounted replenishment water program
10. Close working relationships with MWDOC on local and regional issues and programs for which the organization is advocating at MWD
11. The current Mesa Water Strategic Plan, including the District's goals to:
 - a. Provide a safe, abundant, and reliable water supply.
 - b. Practice perpetual infrastructure renewal and improvement.
 - c. Be financially responsible and transparent.
 - d. Increase public awareness about Mesa Water and about water.
 - e. Attract and retain skilled employees.
 - f. Provide outstanding customer service.
 - g. Actively participate in regional and statewide water issues.
12. The Orange County Local Agency Formation Commission (OC LAFCO) as more of a facilitator than an initiator of actions
13. The development of cost-effective and environmentally sensitive sources of water, including recycling, groundwater clean-up, conservation, and desalination
14. The potential Huntington Beach Ocean Desalter project as it can possibly provide a new, reliable, quality water supply that is appropriately priced
15. CalDesal's mission and its efforts to advocate for Climate Resilience/Water Bond funding of \$250M for brackish and ocean water desalination
16. The co-equal goals of improved water supply reliability and Delta ecosystem health
17. Water rates, fees, and other service or use charges based on true costs in conformance with Prop. 218, and tax-free revenue
18. The "Expenditures Per Capita" metric as being more accessible and equitable, as well as a simpler and superior method -- versus comparing water rates alone -- for measuring the full, true cost and "affordability" of a public water system's services to its community
19. Policies that encourage economical and practical water efficiency for indoor water use, irrigation water use, and commercial and industrial water use, without stranding investments in potable reuse systems, including:



- a. Indoor water use efficiency at the level needed for community health and safety -- as substantiated by a recently-commissioned, validated, and peer-reviewed end-use study -- and that protects local investments in potable reuse systems
 - b. Irrigation water use efficiency at the level necessary for productive crops and attractive landscapes
 - c. Commercial and industrial water use efficiency at a level that sustains economic vitality
20. Water use efficiency policies based on fact-based data and water use efficiency standards based on sound studies that are credible, replicable, and verifiable
 21. Policies that establish regulatory and statutory parity for all types of recycled water, including purple pipe and potable reuse
 22. Theft prevention of municipal metal infrastructure, such as fire hydrants, manhole covers, and backflow devices
 23. The equitable treatment of OCWD -- and its programs and projects -- by the Santa Ana Watershed Project Authority (SAWPA) with respect to grants funding and related considerations as part of SAWPA's Integrated Regional Water Management planning and One Water One Watershed program.

Mesa Water opposes:

1. The encroachment of Mesa Water easements, rights-of-way, and property without negotiation, agreed upon compensation, and advance approval at the sole discretion of the District
2. Administrative, legislative, and regulatory actions that mandate new, unfunded operational practices which add cost burdens or time delays to work conducted by essential public utilities



Policy Positions

Updated: ~~January 10, 2019~~ May 14, 2020 (Draft)

Mesa Water District (Mesa Water®) supports:

1. Groundwater Quality Protection
 - a. Support Orange County Water District's (OCWD) current groundwater quality protection programs
 - i. Basin Equity Assessment (BEA) Exemption Program for Impaired Groundwater (including the Mesa Water Reliability Facility)
 - ii. The MTBE, North Basin, and South Basin groundwater protection projects
 - iii. The Tustin and Irvine desalters
 - b. Encourage OCWD to protect the Basin from chlorides caused by seawater intrusion
 - i. Encourage OCWD to set a goal of maintaining protective elevations along the coast
 - ii. Encourage OCWD to hold semi-annual barrier meetings with Coastal Agencies (Huntington Beach, Mesa Water, and Seal Beach)
 - iii. Encourage semi-annual reporting on the barrier
 - ~~iii-c.~~ Collaborate with OCWD in advocating for Climate Resilience/Water Bond funding of \$500M for treatment of Constituents of Emerging Concern (CECs) such as PFAS
2. Policies that raise and stabilize the Basin Pumping Percentage (BPP)
 - a. Support OCWD setting a target BPP that they intend to consistently meet
 - b. Support new water supply projects that help achieve this goal
 - c. Support OCWD adopting a water supply policy that sets a goal of developing water supply and recharge capabilities, including purchasing replenishment water, or other actions that result in a reliable and predictable source of groundwater at a BPP of not less than 80 percent. A goal of this policy is to accomplish this with a cost-neutral, or better, impact on producers when the avoided cost of purchasing imported water is considered
3. Policies that keep the Basin full
 - a. Support OCWD adhering to the BPP-setting formula
 - b. Support maximum production at the Groundwater Replenishment System (GWRS) to ensure a cost-effective, high-quality, environmentally-friendly and sustainable local water supply that benefits all OCWD producers and that increases the region's current and future water reliability
 - c. Support maximum wastewater flows treatable by the GWRS to the Orange County Sanitation District (OCSD) -- and support OCSD/OCWD's permanent acquisition of such wastewater flows -- to ensure source reliability for the GWRS
 - d. Support stormwater capture projects that are cost-effective (e.g., equivalent to or less than GWRS costs) and that contribute source water to the Basin Principal Aquifer
4. Basin Storage and Exchange/Transfer Programs that are market-based with the primary benefits accruing to OCWD, its Groundwater Producers, and the ratepayers they serve, with such Programs applying the "Beneficiaries Pay" principle and addressing issues including, but not limited to:
 - a. Full cost recovery, at a minimum, of a proportional share of the historic and future capital investments as well as operations and maintenance costs incurred by OCWD to manage the Basin

- b. Full cost recovery, at a minimum, of the proportional value that entry into the Basin affords, including the value of reliability (and thus loss of reliability to the Groundwater Producers through the loss of available storage capacity) and the value of treatment
 - c. Accounting for water loss in a current or future year (both lost out of the Basin and lost due to inability to spread or extract)
 - d. Consideration that the above is merely a “break even” deal, and any program should bring significant benefits in excess of the above to OCWD and its Groundwater Producers
 - e. Deferring entering into any agreements until the *IRWD v. OCWD* lawsuit is resolved
 - f. Deferring entering into any agreements until the Metropolitan Water District of Southern California (MWD) Conjunctive Use Program has been terminated
 - g. Limiting any potential future storage agreements to storage programs that are compliant with OCWD Act Section 2.1.c
 - h. Maximizing the beneficial use of the Basin while maximizing Basin Pumping Percentage (BPP) for the Groundwater Producers overlying the Basin
5. Annexations
- a. Support financially neutral annexations into OCWD
6. A financially strong OCWD
- a. Support policies and practices that maintain OCWD’s current AAA credit rating from two of the three credit rating agencies
7. The potential merger of the Municipal Water District of Orange County (MWDOC) and OCWD if the merger:
- a. is mutually agreed upon by both MWDOC and OCWD, with any governance change supported by MWDOC’s and OCWD’s Boards of Directors;
 - b. encourages MWDOC and OCWD exploring mutual areas of efficiency that results in economic savings for the members of both agencies;
 - c. improves or, at a minimum, preserves the quality, reliability and sustainability of wholesale water services to the members of both agencies;
 - d. preserves the interests of groundwater producers currently existing within Orange County’s groundwater basin and protects those interests from diminished groundwater resources or supplies;
 - e. supports MWDOC’s current geographic boundaries, and preserves the existing boundaries of the Orange County groundwater basin for pumping and storage purposes;
 - f. supports MWDOC’s current mission, and allows the Orange County groundwater basin to remain unadjudicated;
 - g. respects the “one person one vote” principle if the new Board of Directors is a wholly elected board;
 - h. is facilitated openly and transparently; and,
 - i. increases the effectiveness of Orange County’s representation at MWD, with a coordinated and unified voice representing Orange County
8. Increased influence at Metropolitan Water District of Southern California (MWD)
- a. Support increased allocations of MWDOC resources for engagement at MWD
 - b. Support coordination of the entire Orange County MWD delegation
9. MWDOC’s priority initiatives at MWD

- a. Protect Mesa Water's service area from any cost shifts as a result of the San Diego County Water Authority lawsuit
 - b. Encourage continued efforts in improving the Delta
 - c. Seek opportunities for MWD to provide assistance (or partnership) with MWDOC on developing desalination in Orange County
 - d. Continue to support MWD's discounted replenishment water program
10. Close working relationships with MWDOC on local and regional issues and programs for which the organization is advocating at MWD
11. The current Mesa Water Strategic Plan, including the District's goals to:
- a. Provide a safe, abundant, and reliable water supply.
 - b. Practice perpetual infrastructure renewal and improvement.
 - c. Be financially responsible and transparent.
 - d. Increase public awareness about Mesa Water and about water.
 - e. Attract and retain skilled employees.
 - f. Provide outstanding customer service.
 - g. Actively participate in regional and statewide water issues.
12. The Orange County Local Agency Formation Commission (OC LAFCO) as more of a facilitator than an initiator of actions
- ~~12-13.~~ The development of cost-effective and environmentally sensitive sources of water, including recycling, groundwater clean-up, conservation, and desalination
- ~~13-14.~~ The potential Huntington Beach Ocean Desalter project as it can possibly provide a new, reliable, quality water supply that is appropriately priced
15. CalDesal's mission and its efforts to advocate for Climate Resilience/Water Bond funding of \$250M for brackish and ocean water desalination
- ~~14-16.~~ The co-equal goals of improved water supply reliability and Delta ecosystem health
17. Water rates, fees, and other service or use charges based on true costs in conformance with Prop. 218, and tax-free revenue
- ~~15-18.~~ The "Expenditures Per Capita" metric as being more accessible and equitable, as well as a simpler and superior method -- versus comparing water rates alone -- for measuring the full, true cost and "affordability" of a public water system's services to its community
- ~~16-19.~~ Policies that encourage economical and practical water efficiency for indoor water use, irrigation water use, and commercial and industrial water use, without stranding investments in potable reuse systems, including:
- a. Indoor water use efficiency at the level needed for community health and safety -- as substantiated by a recently-commissioned, validated, and peer-reviewed end-use study -- and that protects local investments in potable reuse systems
 - b. Irrigation water use efficiency at the level necessary for productive crops and attractive landscapes
 - c. Commercial and industrial water use efficiency at a level that sustains economic vitality
- ~~17-20.~~ Water use efficiency policies based on fact-based data and water use efficiency standards based on sound studies that are credible, replicable, and verifiable
- ~~18-21.~~ Policies that establish regulatory and statutory parity for all types of recycled water, including purple pipe and potable reuse
- ~~19-22.~~ Theft prevention of municipal metal infrastructure, such as fire hydrants, manhole covers, and backflow devices



20-23. The equitable treatment of OCWD -- and its programs and projects -- by the Santa Ana Watershed Project Authority (SAWPA) with respect to grants funding and related considerations as part of SAWPA's Integrated Regional Water Management planning and One Water One Watershed program.

Mesa Water opposes:

1. The encroachment of Mesa Water easements, rights-of-way, and property without negotiation, agreed upon compensation, and advance approval at the sole discretion of the District

4.2. Administrative, legislative, and regulatory actions that mandate new, unfunded operational practices which add cost burdens or time delays to work conducted by essential public utilities



2020 Legislative Platforms

December 2019

Calendar Year 2020 marks the second year of California's two-year (2019 and 2020) legislative session, with the State legislature slated to reconvene at noon on Monday, January 6, 2020. Staff expects that legislative proposals and ongoing policy discussions from the 2019 session will return in 2020, including water legislation that could significantly impact Mesa Water District (Mesa Water®). The State administration and legislature explored several water issues in 2019, including, but not limited to:

- water use efficiency/conservation “clean up” legislation pertaining to data reporting and streamlining, water loss performance standards, and other topics related to SB 606/AB 1668;
- a statewide “public goods charge” (tax) on water to implement California’s Human Right to Water Law;
- water district consolidations;
- headwaters and forest management;
- climate change, water resilience, and related issues (i.e., energy use, inverse condemnation, public safety power shutoffs, etc.);
- low income water rates assistance programs (aka “lifeline rates” or LiWRA programs);
- water quality, PFAS, and other Constituents of Emerging Concern (CECs);
- recycled water and water reuse;
- California Environmental Quality Act (CEQA) reform (including proposals to alleviate homelessness); and,
- Delta Flows and the Delta Conveyance Project (DCP).

As policy discussions continue in 2020, the above issues will be the primary areas of legislative and regulatory focus. Additionally, in 2019, Governor Newsom issued two water-related Executive Orders: 1. California Water Resilience Portfolio; and, 2. Climate Change.

Furthermore, the Governor’s Administration, as well as State legislative leadership, lawmakers, and regulators will continue work on implementing the water conservation bills -- SB 606 and AB 1668 -- that passed in 2018.

Lastly, Mesa Water engaged with various agencies and associations that the district is affiliated with (i.e., ACC-OC, ACWA, AWWA, CalDesal, CMUA, CSDA, CWSA, MWDOC/MWD, OCBC, OCWD, OC Tax, SCWC, WaterReuse, etc.) to advocate on legislative/policy issues including, but not necessarily limited to: a potential “Split Roll” ballot initiative to amend Proposition 13; the Cortese-Knox-Hertzberg Act and LAFCO Protest Thresholds; and Ranked Choice Voting.

Listed below, for the Board’s consideration, are the proposed legislative and regulatory platforms regarding anticipated high-priority public policy issues in 2020 that could have major consequences for Mesa Water:

- **Water Rates** – Mesa Water supports local rate-setting control with rate structures, set by publicly-elected boards and councils, that best serve customers and comply with the law. Furthermore, Mesa Water supports cost-based water rates that:
 - represent the true, full cost of water services, including operational costs and infrastructure funding to ensure water system sustainability into perpetuity; and,
 - harmonize the concepts of conservation and legality, with rates that provide a strong price signal for ratepayers to conserve while also complying with legal mandates (i.e., Article X of the CA Constitution; SB 606 and AB 1668; and, Propositions 13, 26, and 218).

- **Proposition 13** – Mesa Water supports Article XIII A of the California Constitution (Prop. 13) and the taxpayer protections it provides as passed in 1978; and, Mesa Water opposes a “Split Roll” that would remove some of the protections of Prop. 13 from nonresidential properties in order to raise taxes on them.

- **Proposition 218** – Mesa Water supports Article XIII C and D of the California Constitution (Prop. 218) regarding government service assessments, fees, rates, and taxes, specifically:
 - the “2/3 vote” required from the legislature and voters for approval of new levies; and,
 - the “special benefit and proportionality requirements” provision which directly connects the special benefits received with reasonable proportionate costs, and ensures that assessments imposed for property-related (water) services must not exceed the proportional cost of the services attributable to the parcel.

- **Water Rate Assistance Programs (“WRAP”)** – Mesa Water supports localized “WRAP” (aka “lifeline rates” or LiWRA) programs that comply with Prop. 218 of the California Constitution and are funded either voluntarily or via nonrestricted/non-water-rates revenues.

- **Orange County Groundwater Basin** – Mesa Water opposes any potential streamlined process for adjudicating groundwater basins, including the Orange County groundwater basin which is currently managed by the Orange County Water District (OCWD).

- **Water Bonds Funding (Propositions 1 and 68)** – Mesa Water supports funding from the November 2014 and June 2018 water bonds for OCWD’s priority projects.

- **Water Desalination** – Mesa Water supports CalDesal in its desalination advocacy efforts, as well as the local and regional development of cost-effective and environmentally sensitive water desalination projects statewide -- including brackish and ocean water desalination and the proposed Huntington Beach and Dana Point projects -- in order to enhance the availability and reliability of local and regional water supply sources, and improve water supply reliability for Orange County, Southern California, and statewide.

- **Water Conservation/Water Use Efficiency** – Mesa Water supports accounting for water resource and supply investments -- such as desalination, potable reuse, and water recycling -- as part of any potential statewide effort to update urban water conservation goals. Mesa Water supports compliance flexibility and local control; maximum credit for drought-resilient supplies; and, water use and water loss target-setting by the legislature that is based on valid data and includes a glide path for enforcement as well as a variance process for unique situations. Mesa Water also supports the streamlining of water reporting data as part of the implementation of, and compliance with, SB 606/AB 1668.
- **Water Recycling** – Mesa Water supports OCWD and WaterReuse in its efforts to advance potable reuse legislation and regulations.
- **Water Quality, PFAS, and Constituents of Emerging Concern** – Mesa Water supports efforts by the Association of California Water Agencies (ACWA) and other water industry associations/organizations to protect public health by using the best available scientific data and cost/benefit analyses to inform the development of reasonable and fiscally-responsible water quality legislation and regulations which consider technical and economic feasibility while ensuring clean, safe drinking water.
- **Water Storage and Exchange Programs** – Mesa Water supports the “Beneficiaries Pay” principle for water storage and exchange/transfer programs provided that they are market- based, ensure full cost recovery at a minimum, and account for water loss.
- **CEQA Reforms** – Mesa Water supports the efforts of ACWA and other water industry associations/organizations to streamline CEQA to enhance efficiencies, reduce redundancies in the environmental review/permitting process, and eliminate unnecessary, costly, and time-consuming litigation and related delays.
- **Local Government** – Mesa Water supports the efforts of California Special Districts Association (CSDA) and other industry associations/organizations to ensure local control and representation, efficient delivery of government services, and appropriate reserve funds levels.
- **Local Agency Formation Commission (LAFCO)** – Mesa Water supports the existing protest thresholds for LAFCO-initiated reorganizations, per the Cortese-Knox-Hertzberg (CKH) Act, and opposes changes that would make it more difficult for citizens to protest a LAFCO-initiated reorganization. Additionally, Mesa Water opposes any changes to the CKH Act that would weaken local control and representation and/or broaden the mission, powers, and scope of LAFCOs without providing any added public benefit.
- **Special Districts Voting Methods** – Mesa Water supports exempting special districts from Cumulative Voting and Ranked Choice Voting methods, and opposes attempts to make these methods an option or a mandate for special districts elections.



- **Delta Functional Flows and Solutions** – Mesa Water supports the efforts of ACWA, Municipal Water District of Orange County (MWDOC), Metropolitan Water District of Southern California (MWD), and Southern California Water Committee (SCWC) to achieve a long-term solution for the Bay Delta that includes functional, unimpaired flows for optimal statewide water supply reliability, sustainability and quality, and Delta ecosystem health and restoration for the public benefit.
- **CA Headwaters and Forest Management** – Mesa Water supports the efforts of ACWA and other water industry coalitions to promote policies that enhance the pace and scale of headwaters and forest management -- including improved planning, coordination and implementation -- and increase financing, research, and resources to: protect water supply and quality; bring management practices in line with modern challenges; and, provide multiple benefits to the State's water users.
- **CA Water Resilience Portfolio and Climate Change** – Mesa Water supports Mesa Water supports the efforts of ACWA and other water industry associations/organizations in engaging with the Governor's Administration, lawmakers, and regulators on policies related to the Governor's Executive Orders on Water Resilience Portfolio and Climate Change and related issues including, but not necessarily limited to: energy use, inverse condemnation, and public safety power shutoffs.
- **Essential Public Utilities** – Mesa Water supports the concept of carving out Essential Public Utilities -- such as water and wastewater service providers -- from future legislation, administrative actions, and regulations that add costs or time delays to a utility's work by mandating new, unfunded operational practices.
- **Federal Drought Legislation** – Mesa Water supports the efforts of ACWA and other water industry associations/organizations in collaborating with U.S. representatives to develop bicameral, bipartisan federal drought legislation.

REPORTS:

18. REPORT OF THE GENERAL MANAGER:
 - April Key Indicators Report
 - Other (no enclosure)

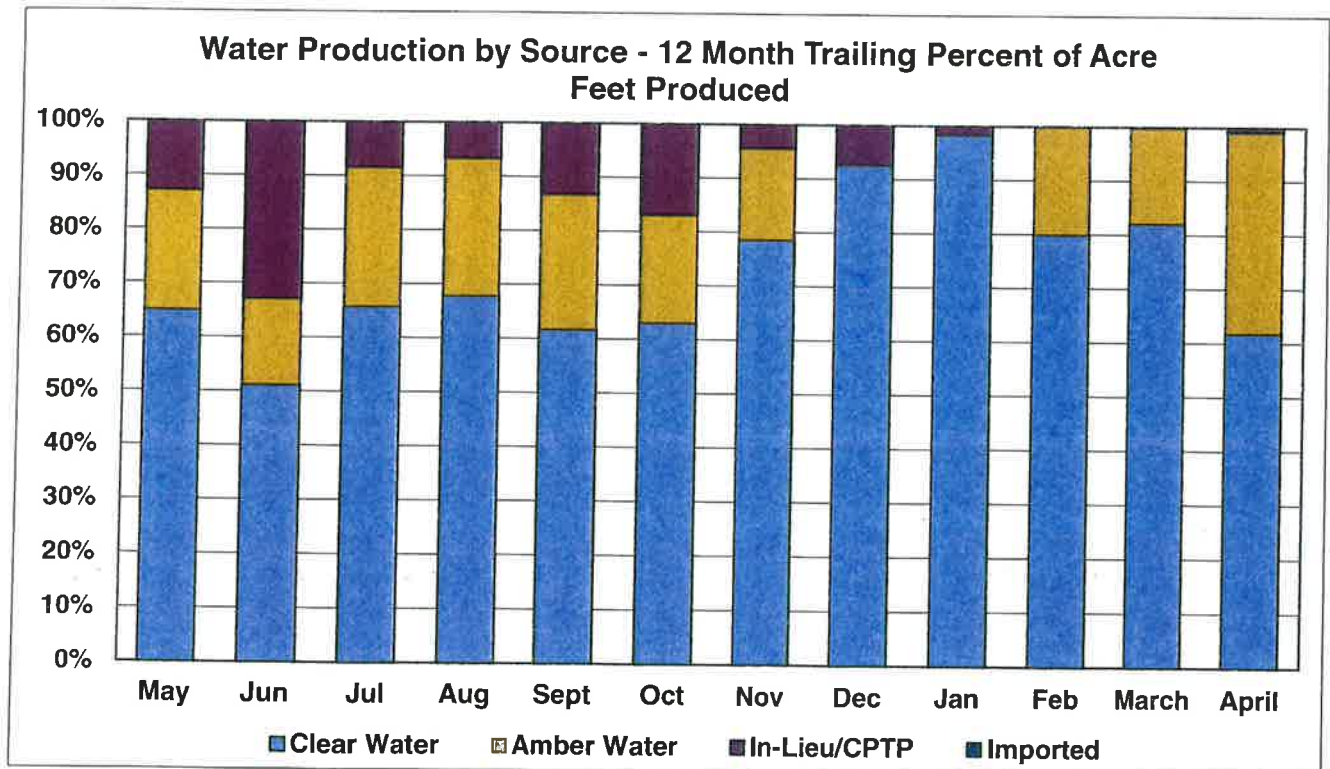
**Monthly Key Indicators Report
For The Month of April 2020**

Goal #1: Provide a safe, abundant, and reliable water supply

FY 2020 Potable Production (Acre Feet)

Water Supply Source	FY 2020 YTD Actual (AF)	FY 2020 YTD Budget (AF)	FY 2020 Annual Budget (AF)
Clear Water	9,712	9,378	11,161
Amber Water (MWRP)	2,599	3,238	4,087
Imported	0	0	0
Basin Management Water	868	1,900	2,500
Total Production	13,180	14,516	17,748

YTD actual water production (AF) through April 30, 2020



**Monthly Key Indicators Report
For The Month of April 2020**

Goal #1: Provide a safe, abundant, and reliable water supply

FY20 System Water Quality – This data reflects samples taken in March

Distribution System:	Average	Range	MCL
Chlorine Residual (mg/L) <i>Compliance</i>	1.58	0.07 – 2.63 Current RAA = 2.14	4 RAA
Coliform Positive % <i>Compliance</i>	0	0	5
Temperature (° F)	71	67 – 78	None

Reservoir I & II:	Average	Range	MCL
Chlorine Residual (mg/L)	1.14	0.49 – 1.92	None
Monochloramine (mg/L)	1.10	0.41 – 1.85	None
Ammonia (mg/L)	0.27	0.09 - 0.42	None
Temperature (° F)	72	70 – 74	None

Wells (Treated):	Average	Range	MCL
Chlorine Residual (mg/L)	2.46	2.08 – 2.82	None
Monochloramine (mg/L)	2.40	2.13 – 2.72	None
Ammonia (mg/L)	0.55	0.47 - 0.65	None
Temperature (° F)	72	67 – 75	None

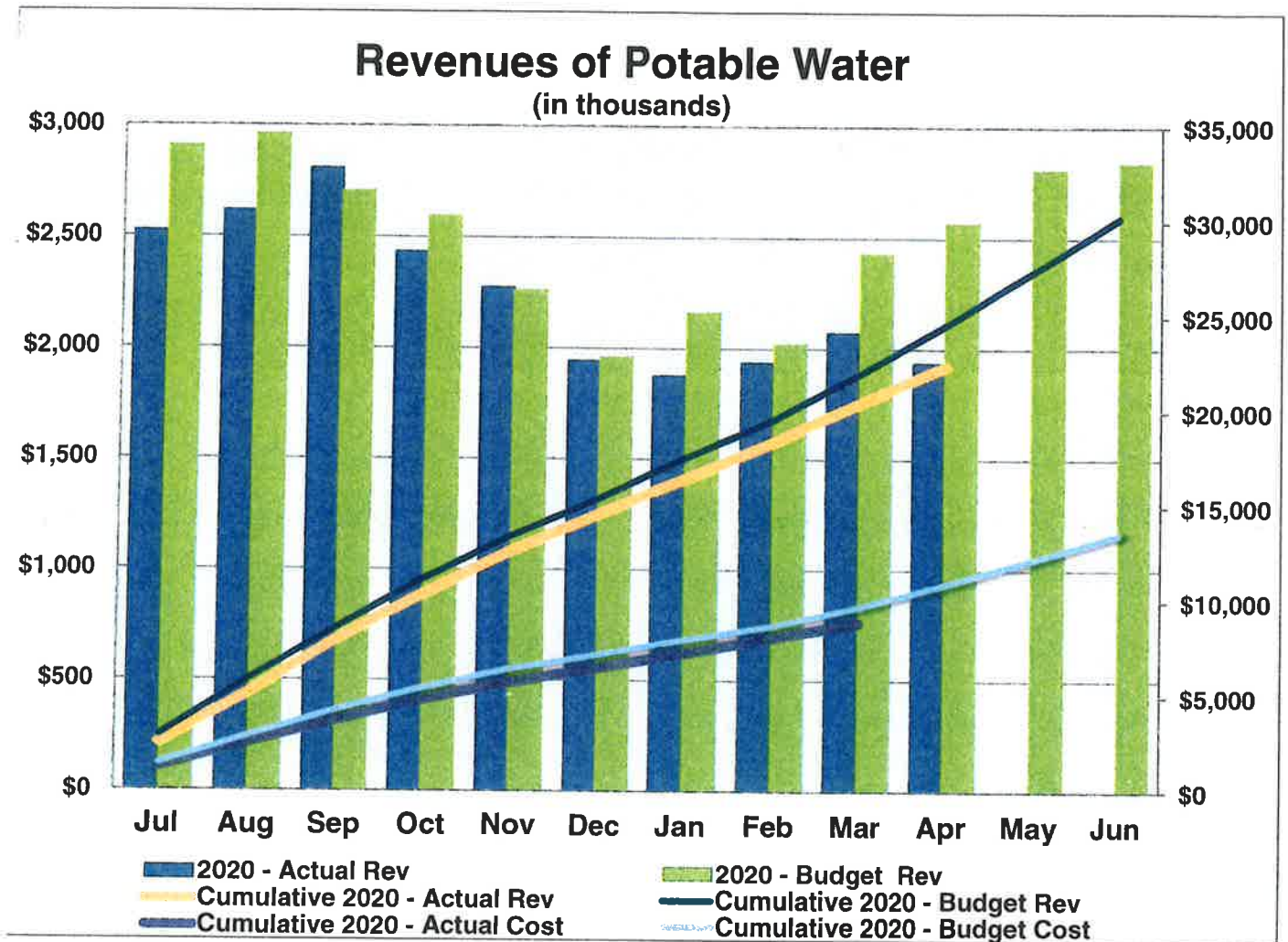
MWRF:	Average	Range	MCL
Chlorine Residual (mg/L)	2.33	2.10 – 2.66	None
Monochloramine (mg/L)	2.31	2.14 – 2.57	None
Ammonia (mg/L)	0.50	0.49 – 0.51	None
Temperature (° F)	79	76 – 80	None
Color (CU) <i>Compliance</i>	0	0	15
Odor (TON) <i>Compliance</i>	ND	ND	3

Water Quality Calls/Investigations:

Total Calls	8
Total Investigations (from calls)	3

**Monthly Key Indicators Report
For The Month of April 2020**

Goal #2: Practice perpetual infrastructure renewal and improvement



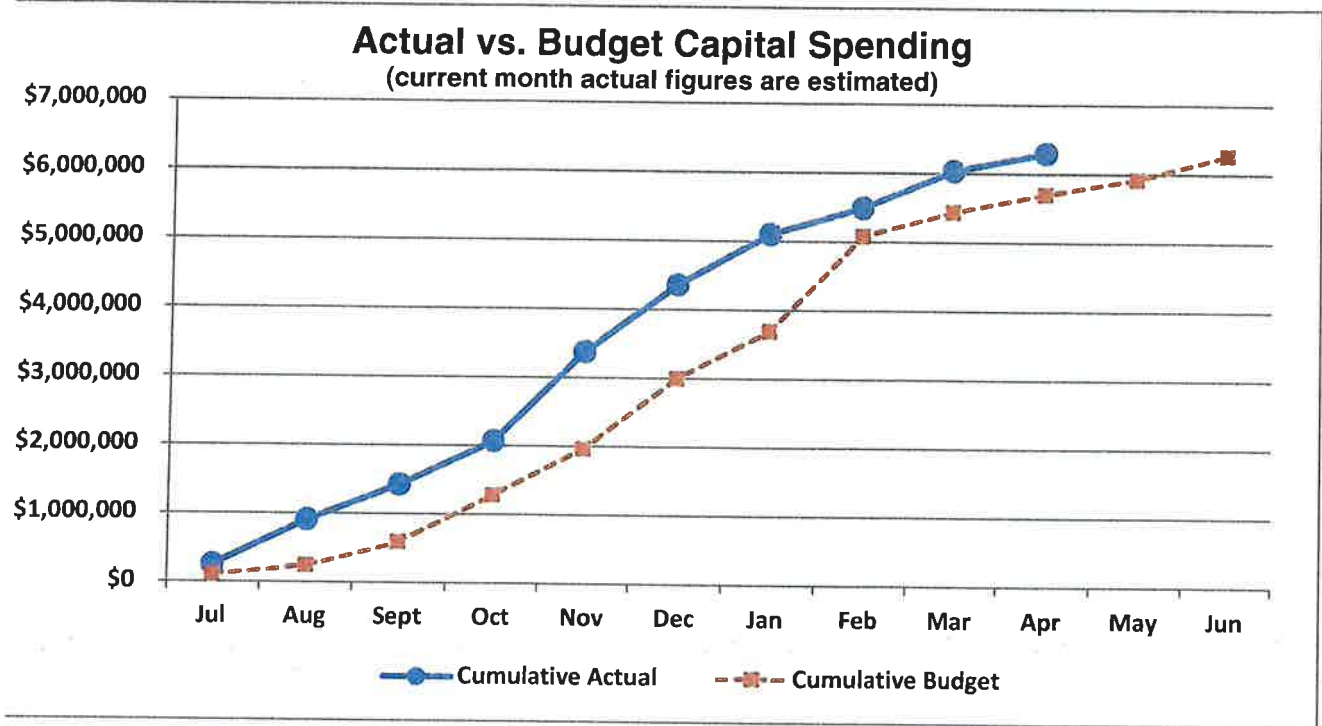
	Actual	Budget	Favorable (Unfavorable)	
			Difference	%
Total YTD Revenue \$	22,424,169	24,583,523	(2,159,354)	(8.78%)

	Actual	Budget	UnFavorable (Favorable)	
			Difference	%
Total YTD Cost \$ *	8,888,040	9,724,314	(836,274)	(8.60%)

* YTD Cost is trailing YTD Revenue by one month due to the timing of when costs are available.

Monthly Key Indicators Report
For The Month of April 2020

Goal #3: Be financially responsible and transparent



**Monthly Key Indicators Report
For The Month of April 2020**

Goal #4: Increase public awareness about Mesa Water® and about water

Web Site Information

Web Site Information	March 2020	April 2020
Visits to the web site	7331	7456
Unique visitors (First time to the site)	4675	4876
Average per day	236	241
Average visit length	1 minute, 27 seconds	1 minute, 42 seconds
Page visited most	Home	Home
Second most visited page	Online Bill Pay	Online Bill Pay
Third most visited page	Human Resources	Human Resources
Fourth most visited page	Coronavirus: Mesa Water District's Water is Safe	About
Fifth most visited page	Rates & Fees	Rates & Fees
Most downloaded file	2019 Water Quality Report	Salary Ranges by Job Classification & Level
Second most downloaded file	Standard Specifications and Standard Drawings for the Construction of Water Facilities	2019 Water Quality Report
Most active day of the week	Monday	Wednesday
Least active day of the week	Saturday	Saturday

Total visits since June 1, 2002	<u>1,415,385</u>
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Water Vending Machine Information

Vending Machine Location	Vend Measurement	April 2020 Vends	Totals Vends
Mesa Water Office	1 gal	7,582	414,621

**Monthly Key Indicators Report
For the Month of April 2020**

Goal #5: Attract and retain skilled employees

DEPARTMENT:	FY 2020			COMMENTS:
	BUDGET	FILLED	VACANT	
OFFICE OF THE GENERAL MANAGER:				
General Manager	1.00	1.00	0.00	
Business Administrator	1.00	1.00	0.00	
Subtotal	2.00	2.00	0.00	
ADMINISTRATIVE SERVICES:				
Administrative Services	5.00	5.00	0.00	
Subtotal	5.00	5.00	0.00	
CUSTOMER SERVICES:				
Conservation	1.00	1.00	0.00	
Customer Service	9.00	8.00	0.00	
Subtotal	10.00	9.00	0.00	
ENGINEERING:				
Engineering	4.00	4.00	0.00	
Subtotal	4.00	4.00	0.00	
EXTERNAL AFFAIRS:				
Legislative & Governmental Affairs	1.50	1.50		
Subtotal	1.50	1.50	0.00	
FINANCIAL SERVICES:				
Financial Reporting/ Purchasing	4.00	4.00	0.00	
Accounting	1.00	1.00	0.00	
Subtotal	5.00	5.00	0.00	
HUMAN RESOURCES:				
Human Resources	3.00	3.00	0.00	
Subtotal	3.00	3.00	0.00	
PUBLIC AFFAIRS:				
Outreach, Education & Communications	2.50	1.50	1.00	<i>Public Affairs Manager - on hold</i>
Subtotal	2.50	1.50	1.00	
WATER OPERATIONS:				
Supervision/Support	6.00	6.00	1.00	<i>Water Operations Supervisor - vacant; recruitment in process</i>
Distribution	10.00	10.00	0.00	
Production	3.00	3.00	0.00	
Water Quality	2.00	2.00	0.00	
Subtotal	21.00	21.00	1.00	
* TOTAL BUDGETED POSITIONS:	54.00	52.00	2.00	

**Monthly Key Indicators Report
For The Month of April 2020**

Goal #6: Provide outstanding customer service

Customer Calls

Call Type	FY20 YTD	April 2020	YTD Weekly Average
General Billing Question	1440	66	33
Service Requests	1332	118	30
High Bill	1248	64	28
Payments	2050	285	46
Late Fee	3171	92	72
Account Maintenance	700	46	16
On-Line Bill Pay	5031	168	114
Water Pressure	24	3	1
No Water	298	9	7
Conservation	270	15	6
Water Waste	111	3	3
Other (District info. other utility info. etc.)	2686	216	61
Rate Increase	62	0	1
Fluoridation	1	0	0
TOTAL CUSTOMER CALLS	18424	1085	419
AVERAGE ANSWER TIME (Seconds)	34	34	34

Online Bill Pay Customers

Current Customers Enrolled	FY 2020 YTD	April 2020	YTD Weekly Average
12626	12626	301	287

REPORTS:

19. DIRECTORS' REPORTS AND COMMENTS

**DIRECTORS' REPORTS (AB 1234) PER CA GOVERNMENT
CODE SECTION 53232.3 (d)**

In accordance with CA Government Code 53232.3 (d), the following report identifies the meetings for which Mesa Water Directors received expense reimbursement.

Jim Atkinson Meetings Attended

Reimbursement Date:	Description, Date
04/06/20	MWDOC Planning & Operations Committee Meeting, 3/2
04/06/20	MWDOC/MWD Jt. Meeting, 3/4
04/06/20	WACO Meeting, 3/6
04/06/20	ACWA Region 10 Meeting, 3/9
04/06/20	MWDOC Admin & Finance Committee Meeting, 3/11
04/06/20	Meeting w/ General Manager, 3/12
04/06/20	MWDOC Public Affairs & Legislation Committee Meeting, 3/16

Fred R. Bockmiller, P.E. Meetings Attended

Reimbursement Date:	Description, Date
N/A	

Marice H. DePasquale Meetings Attended

Reimbursement Date:	Description, Date
04/06/20	WACO Meeting, 3/6
04/06/20	Chamber Meeting, 3/9
04/06/20	YLWD Board Meeting, 3/10
04/06/20	Meeting w/ Mesa Water Director, 3/13

Shawn Dewane Meetings Attended

Reimbursement Date:	Description, Date
04/06/20	Meeting re: Water Issues, 3/10
04/06/20	Meeting w/ Mesa Water Director, 3/13
04/21/20	CalDesal Annual Conference, 2/5 – 2/8

James R. Fisler Meetings Attended

Reimbursement Date:	Description, Date
04/06/20	ISDOC Executive Committee Meeting, 3/3
04/06/20	WACO Meeting, 3/6
04/06/20	Buena Park Library District Board Meeting, 3/3
04/06/20	Rossmoor/Los Alamitos Sewer District Board Meeting, 3/9
04/06/20	Rossmoor Community Services District Board Meeting, 3/10

There are no support materials for this item.

CLOSED SESSION:

22. CONFERENCE WITH LEGAL COUNSEL – SIGNIFICANT EXPOSURE TO LITIGATION/ADJUDICATORY PROCEEDINGS:
Pursuant to California Government Code Section 54956.9 (d)(2) and 54954.5 (c) – based on existing facts and circumstances, the Board is meeting with Legal Counsel to review matters relating to legal proceedings presented to the California Fair Political Practices Commission involving Mesa Water District.
Case: 16/19813