



*Dedicated to  
Satisfying our Community's  
Water Needs*

**AGENDA  
MESA WATER DISTRICT  
BOARD OF DIRECTORS  
Tuesday, August 25, 2020  
1965 Placentia Avenue, Costa Mesa, CA 92627  
3:30 p.m. Adjourned Regular Board Meeting**

**BOARD OF DIRECTORS COMMITTEE 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. Receive and file the Developer Project Status Report.
2. Receive and file the Mesa Water and Other Agency Projects Status Report.
3. Receive and file the Water Quality Call Report.
4. Receive and file the Water Operations Status Report.
5. Receive and file the Accounts Paid Listing.
6. Receive and file the Monthly Financial Reports.
7. Receive and file the Major Staff Projects.
8. Receive and file the State Advocacy Update.
9. Receive and file the Orange County Update.
10. Receive and file the Outreach Update.
11. Receive and file the Fiscal Year 2020 Fourth Quarter Financial Update.



**ACTION ITEMS:**

12. MAINLINE VALVE SPACING POLICY:

**Recommendation: Recommend that the Board of Directors adopt Resolution No. XXXX Establishing a Mainline Valve Spacing Policy.**

13. SURPLUS PROPERTY:

**Recommendation: Declare the Ford F-450 and the Ford F800 Boom Truck as surplus and authorize the General Manager to dispose of the items for consideration within the established rules and regulations set forth by Resolution No. 1513 Disposal of Surplus Property.**

14. CAPITAL IMPROVEMENT PROGRAM RENEWAL UPDATE:

**Recommendation: Approve the Mesa Water Education Center Design Concept and authorize staff to proceed with design development activities.**

15. MESA WATER EDUCATION CENTER PROGRAM:

**Recommendation: Award contracts to Mad Systems for \$499,800 for the Mesa Water Education program, exhibit design and installation; and to Orange County Department of Education for \$26,000 for the development, implementation, and facilitation of the first year of the education program.**

**PRESENTATION AND DISCUSSION ITEMS:**

16. INDEPENDENT SPECIAL DISTRICTS OF ORANGE COUNTY EXECUTIVE COMMITTEE ELECTION:

**Recommendation: Review the Independent Special Districts of Orange County Executive Committee election information and discuss potential candidacy interest.**

17. TAX ON COMMERCIAL AND INDUSTRIAL PROPERTIES FOR EDUCATION AND LOCAL GOVERNMENT FUNDING INITIATIVE:

**Recommendation: This item is provided for discussion.**

**REPORTS:**

18. REPORT OF THE GENERAL MANAGER

19. DIRECTORS' REPORTS AND COMMENTS



**INFORMATION ITEMS:**

- 20. FISCAL YEAR 2020 ANNUAL SOLE SOURCE REPORT
- 21. OTHER (NO ENCLOSURE)

*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](http://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, SEPTEMBER 10, 2020 AT 6:00 P.M.**

## DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
MC2235	671 W. 17th Street	177 Condos	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. Meter box placement on 10/19/17, 2/14/18, /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. Raised valves to grade on 8/4/20 and 8/12/20.
C0013-20-01	3175 Airway Avenue	Homeless Shelter	Plans received on 5/10/20 and plan check fees are waived. Application for New Service received on 5/4/20. 1st Plan check submitted on 5/8/20 and redlines returned on 5/10/20 after required field investigation. 2nd Plan check submitted on 5/14/20 and redlines returned on 5/16/20. 3rd Plan chck submitted on 6/17/20 and redlines returned on 6/19/20. 4th Plan check submitted on 6/22/20 and redlines returned on 6/23/20. Permit issued 7/16/20.
C0013-20-02	570 W. 18th Street	Lion's Park Project	Plans received on 5/21/20 and plan check fees are waived. Application for New Service received on 6/15/20. 1st Plan check submitted on 5/21/20 and redlines returned on 6/23/20 after required field investigation.
C0014-21-01	1170 Baker Street, Units C and D	Commercial Building	Plans received on 7/15/20 and plan check fees paid on 7/20/20. Redlines returned on 7/23/20. 2nd Plan check submitted 8/13/20 and redlines returned on 8/14/20.
C0014-21-02	2930 Harbor Blvd	Commercial Building	Plans received on 7/28/20 and plan check fees paid on 7/31/20. 1st Plan check submitted 7/28/20 and redlines returned on 8/12/20.
C0049-18-01	428 E 17th Street	Restaurant	Plans received and plan check fees paid on 1/26/18. Fees paid and permit issued on 5/4/18. Pressure test on 5/25/18. Shutdown for tee cut-in on 6/5/18. One fire service is active, the other is stubbed to property. Awaiting call for fire line pressure test and samples. Water service manifold stubbed to property. Pressure test and Bac-T tests done on 9/7/18, 9/11/18 and again on 9/13/18. Pressure test performed on 10/22/18. Three backflow preventers installed 8/8/19. Three 2" services installed the week of 8/10/20. Meter boxes installed on 8/14/20.

## DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0052-18-01	302 Cabrillo	2 Single Family Homes	Plans received and plan check fees paid on 2/26/18. Fees paid and permit issued on 5/7/18. Awaiting initial calls for inspections. Verified with new property owner on 3/11/19. Cancelling plan check as 1 year without construction has occurred. Precon held on 7/28/20.
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 returned on 8/20/18. 3rd plan check submitted on 12/13/18, and redlines returned on 1/15/19. Fourth and final plan check submitted on 1/24/19, and redlines returned 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. Meter installed on 6/3/20. (8/14/20)
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 returned 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. Construction is ongoing. (8/14/20)
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 returned 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. Two (2) 2-inch services found to be abandoned and Contractor requested letter with direction from Mesa Water. Abandonment of existing meter and install of new 4" meter on 5/28/20. Meters installed on 7/14/20. (8/14/20)

## DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0071-20-01	2277 Harbor Boulevard	Apartment Complex	Plans received and plan check fees paid on 3/17/20 and redlines returned on 3/26/20. 2nd Plan check received on 3/31/20. 2nd plan check submitted on 4/5/20 and redlines returned on 4/8/20. (8/14/20)
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 returned 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 and locked on 3/16/20. Backflow placed on 3/27/20. Waiting for flow thru testing to be scheduled. (8/14/20)
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 and locked on 2/26/20, 2/27/20, and again on 3/23/20. Backflow tested on 4/21/20. Waiting for flow thru test to be scheduled. Inspector visited site for update on 7/13/20.
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. 2nd plan check submitted on 4/29/19. 3rd 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 flow thru test to be scheduled. (8/14/20)
C0089-19-01	3160 Airport Way	John Wayne Airport Taxi Lot	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. Sending letter to customer to cancel project due to inactivity. (8/14/20)

## DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
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. Permit issued 6/6/20. Precon meeting held on 6/25/20.
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 returned 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 flow thru testing to be scheduled. (8/14/20)
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 held on 3/5/20 and again on 7/24/20. Services installed on 7/24/20. Chlorination swab, flushing, pressure test and health samples done on 7/30/20. Backflow placewd on 8/4/20. Meters installed on 8/5/20. Fireline charged and Backflow tested on 8/6/20.
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 4/12/20. Waiting for Precon meeting to be scheduled. (8/14/20)
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. Construction is ongoing. (8/14/20)

## DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
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. Issued water termination to Owner on 6/8/20 due to non-responsiveness to complete plan check process and start of construction. 2nd Plan check submitted 6/18/20 and redlines returned on 6/19/20. 3rd Plan check submitted on 6/24/20 and redlines returned on 6/24/20. Issued permit on 7/16/20. (8/14/20)
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. Reissued inspection card on 6/1/20. Precon meeting held on 6/9/20. Hot-Tap performed on 8/14/20. Shutdown for abandonment and meters installed on 8/17/20. (8/17/20)
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 on 3/27/20. Verified construction has started on 5/7/20. Issued water termination letter to Owner on 6/1/20 due to non-responsiveness to complete plan check process. (8/14/20)
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. Issued plan check termination to Owner on 6/1/20 due to non-responsiveness to complete plan check process. (8/14/20)
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. Precon meeting held on 3/4/20. Construction in progress. (8/14/20)



## DEVELOPER PROJECT STATUS REPORT

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FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
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. (8/14/20)
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. Permit issued on 6/2/20. Precon meeting held on 7/9/20. Mainline and trench excavation inspected on 7/10/20.
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 4/28/20. Mainline excavation done on 5/21/20. Construction in progress. (8/14/20)
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. Precon meeting held on 7/22/20.
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 returned on 3/5/20. 3rd Plan check submitted on 3/16/20 and redlines returned on 3/18/20. 4th Plan check submitted on 6/25/20. (8/14/20)
C0129-20-01	3590 Cadillac Avenue, Suite B	Commercial	Plans received and plan check fees paid on 11/25/19. T23 3rd Plan check submitted on 3/20/20 and returned on 3/22/20. Issued permit on 6/15/20. Precon meeting held on 6/17/20. Backflow placement and test done on 6/18/20. Construction still in progress. (8/14/20)

## DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
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. Issued plan check application termination to Owner due to non-responsiveness to complete plan check process. 2nd Plan check submitted on 7/2/20.
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. Refresher Precon held on 6/10/20. Meter installed 6/16/20. Backflow placement and test done on 6/19/20.
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. (8/14/20)
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 on 2/4/20. (8/14/20)
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 returned on 3/22. 3rd Plan check submitted on 3/25 and redlines returned on 3/26. Issued permit on 4/23/20. Precon meeting held on 5/20/20. Thrustblock placement on 5/29/20. Chlorination/flush and pressure test done on 6/3/20. Backflow tested on 6/8/20.
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 redlines returned on 3/9/20. Followed up with Owner on 8/15/20.
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 returned on 3/22/20. Issued permit on 6/2/20. (8/14/20)

## 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 returned on 3/13/20. 2nd Plan check submitted on 4/17/20 and redlines returned on 4/18/20. Issued Payment Voucher and Water Service Agreement for payment and signature. Followed up with Owner on 6/25/20 and 8/3/20 regarding status.
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 returned on 3/13/20. Followed up with Owner on 8/15/20.
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 and redlines returned on 5/9/20. 2nd Plan check submitted on 5/15/20 and redlines returned on 5/28/20. Issued Permit on 6/10/20. Waiting for contractor to request PreCon.
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. 2nd Plan check submitted on 5/13/20 and redlines returned on 5/16/20. (8/14/20)
C0147-20-01	1369 Adams Avenue	College - OCC Student Housing Project	Application for New Service received on 5/14/20 and no plan check to be paid. 1st Plan check submitted on 6/15/20 and redlines returned on 6/21/20. 2nd Plan check submitted on 8/6/20 and redlines returned on 8/14/20.
C0147-20-02	2701 Fairview Road	College - Student Union Project	Application for New Service received on 7/8/20 and no plan check to be paid. 1st Plan check submitted on 7/8/20 and redlines returned on 7/12/20. 2nd Plan check submitted on 8/6/20 and redlines returned on 8/14/20.
C0147-20-03	2701 Fairview Road	College - Languate Arts and Social Science Project	Application for New Service received on 7/8/20 and no plan check to be paid. 1st Plan check submitted on 7/8/20 and redlines returned on 7/12/20.
C0148-20-01	2094 Balmoral Place	Single Family Home	Application for New Service received on 5/15/20. 1st Plan check submitted on 6/15/20 and redlines returned on 6/21/20. Plan check fees paid on 7/3/20.
C0149-20-01	1964 Raymond Avenue	Single Family Home	Application for New Service received on 5/15/20 and plan check fees paid on 6/21/20. 1st Plan check submitted on 6/10/20 and redlines returned on 6/21/20. 2nd Plan check submitted on 6/22/20 and redlines returned on 6/23/20. Issued permit on 7/16/20.

## DEVELOPER PROJECT STATUS REPORT

PROJECT STATUS - DEVELOPER PROJECTS			
FILE NO.	PROJECT ADDRESS	PROJECT DESCRIPTION	PROJECT NOTES/STATUS
C0150-20-01	220 E. 21st Street	Single Family Home	Plans received on 7/3/20 and plan check fees paid on 6/25/20. 1st Plan check submitted on 6/25/20 and redlines returned on 7/5/20. 2nd Plan check submitted on 7/7/20 and redlines returned 7/12/20. Issued permit on 7/29/20. Precon held on 8/14/20.
C0150-20-02	165 Merrill Place	Single Family Home	Plans received on 7/3/20 and plan check fees paid on 6/25/20. 1st Plan check submitted on 6/25/20 and redlines returned on 7/5/20. Issued permit on 8/12/20.
C0151-20-01	2219 Santa Ana Avenue	Single Family Home	Plans received on 7/7/20 and plan check fees paid on 7/7/20. 1st Plan check submitted on 7/7/20 and redlines returned on 7/12/20. 2nd Plan check submitted on 7/17/20 and redlines returned on 7/19/20. Issued permit on 7/29/20. Precon held on 8/11/20. Meter installed on 8/13/20.
C0152-21-01	369 Costa Mesa Street	Single Family Home	Plans received on 7/21/20 and plan check fees paid on 7/15/20. 1st Plan check submitted on 7/22/20 and redlines returned on 7/22/20.
C0153-21-01	265 Briggs Avenue	Commercial	Plans received on 7/15/20 and plan check fees paid on 6/25/20. 1st Plan check submitted on 7/15/20 and redlines returned on 7/24/20. 2nd Plan check submitted on 8/6/20 and redlines returned on 8/13/20.
C0154-21-01	1931 Pomona Avenue	Single Family Home	Plans received on 8/5/20 and plan check fees paid on 8/3/20. 1st Plan check submitted on 7/29/20 and redlines returned on 8/15/20.
C0155-21-01	451 Cabrillo Street	Single Family Home	Plans received on 7/21/20 and plan check fees paid on 7/21/20. 1st Plan check submitted on 7/22/20 and redlines returned on 7/22/20.
C0156-21-01	2870 Clubhouse Road	Single Family Home	Plans received on 8/4/20 and plan check fees paid on 8/4/20. 1st Plan check submitted on 8/4/20 and returned on 8/12/20.
C0157-21-01	251 E. 20th Street	Single Family Home	Plan check fees paid on 8/5/20 and Application for New Service submitted on 8/5/20. 1st Plan check submitted on 8/5/20 and returned on 8/13/20.
C0158-21-01	396 E. 21st Street	Mobile Home Park	Plan check fees paid on 8/13/20 and Application for New Service submitted on 8/7/20. 1st Plan check submitted on 7/30/20 and returned on 8/15/20.
C0159-21-01	2734 San Lucas Lane	Single Family Home	Plan check fees paid and Application for New Service submitted on 8/14/20.

## MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

August 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. Reviewed submittals. Met with SARWQB on 5/24/19 and discussed permit requirements w/ Susan Beeson. On 5/30/19 met with OCSD and went over requirements for the Special Purpose Discharge Permit (SPDP). Project Progress meeting on 6/6/19 and coordination meeting with MWD on 6/20/19. Held Permit Status Meeting on 7/11/2019, Traffic Coordination Meeting with Fletcher Jones 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 9/1/2019. Coordination meeting with Fletcher Jones and Project Progress Meeting 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. Planting establishment and 120-day Maintenance Period was completed on 7/2/20. The final inspection and walk-through meeting was held on 7/23/20. Working on finalizing Planting Establishment and Maintenance Report. (8/13/20)

**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. Lab reports were received on March 19, 2020 and evaluation of the lab results was received on June 12, 2020. MWDOC performed approximately 40 miles of leak detection and found one suspected pipeline leak. Staff performed a follow-up leak detection and could not replicate the suspected leak. (8/13/2020)

# MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

August 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 September 2020. Site demolition request for bids was released on May 21, 2020. A job walk for the demolition bidders was held on June 2, 2020, and attended by three prospective bidders. Bid opening was held on June 19, 2020. The Board approved a contract with the low bidder, Standard Demolition, Inc., on July 9, 2020. A preconstruction meeting for Demolition was conducted on August 3, 2020. Well Drilling Request for bid will be released on June 18, 2020. A job walk for the well drillers was conducted on July 8, 2020, and attended by four well drillers. Four well drilling bids were received on July 29, 2020. A contract award for well drilling was approved at the August 13, 2020 Board meeting. The encroachment permit applications for the pipeline were submitted to the City of Costa Mesa and Santa Ana. Permit comments from both cities have been received and comments are being addressed. (8/13/2020)

## MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

August 2020

**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, 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. The meter order for the Route 600 replacements has been placed. Final integration with the Beacon and Sprypoint systems is ongoing. Meter replacements are scheduled to begin in early October. (8/18/2020)

**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

## MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

August 2020

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. Revised 100% was received and is being reviewed by staff. (8/13/2020)

**Project Title:** District Wide Security System

**File No.:** M20-150

**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). The draft scope of work was developed and sent for consultant review on June 16, 2020. Consultant comments were received on June 23, 2020. The final Request for Task Order proposal was issued on July 21, 2020. Three proposals were received on August 3, 2020 and evaluated. A task order authorization is in process. Kickoff is planned for the week of August 24, 2020. (8/13/20)

**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. Conceptual design reviewed on 6/10/20 and preliminary cost estimate discussed on 7/9/2020. (8/13/20)

**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



## MESA WATER AND OTHER AGENCY PROJECTS STATUS REPORT

August 2020

Engineering. The Board approved this item at the April 9, 2020 Board Meeting. Project in progress. (8/13/20)

**Project Title:** MWRP 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. The City of Costa Mesa Encroachment/Traffic Permit received on 5/21/20. Construction started on 6/29/20. Project is substantially complete. (8/20/20)

**Project Title:** Wilson Avenue Pipeline Replacement Project

**File No.:** M21-220A

**Description:** Design, documentation, and permitting for replacement of pipeline in Wilson Avenue between Newport Blvd and Harbor Blvd.

**Status:** Scope of Work and Request for Quotes for the design, documentation, and permitting for the Wilson Avenue Pipeline Replacement Project was prepared and sent to the design consultants on 7/13/2020. Received five proposals on 8/27/20. Task order was awarded to CIPR On-call Design Consultant. Kick-off meeting held on 8/13/2020. (8/13/20)

# Water Quality Call Report

## July 2020

**Date:** 7/13/2020  
**Source:** Phone/Visit  
**Address:** 3092 Promenade  
**Description:** Customer reported having discolored water.

**Outcome:** Water from the front hose bib was clear during site visit and chlorine residual was within normal range. The discolored water incident occurred over the weekend and the house has been flushed. Assured customer the water was safe and he was satisfied.

**Date:** 7/30/2020  
**Source:** Phone  
**Address:** 3400 Avenue of the Arts, #F205  
**Description:** Customer reported having white deposits around her sink which she only started noticing over the past two months and she's been there for 2 ½ years.

**Outcome:** Customer sent photos of the white deposit stains on her sink. Explained to customer that the deposits are from hard water and is very typical of our sources. The deposits are naturally occurring minerals present in the groundwater and other sources. Assured customer that the minerals are not harmful and the water meets all state and federal drinking water standards.

**Date:** 7/30/2020  
**Source:** Phone/Visit  
**Address:** 1174 Bismark  
**Description:** Customer called regarding discolored water.

**Outcome:** Water was clear during site visit and chlorine residual was within normal range. Told customer to call back if discolored water returns.

Water Operations Status Report  
July 1, 2020 - July 31, 2020

Operations Department Status Report	Wk Unit	Plan Days	Act Days	Plan Qty	Act Qty	Plan Cost	Actual Cost
<b>01 - HYDRANTS</b>							
WD-0101 - HYDRANT MAINTENANCE	HYDRANTS	15	14	305	276	\$6,397	\$6,493
WD-0102 - HYDRANT PAINTING	HYDRANTS	1	0	38	1	\$535	\$63
WD-0103 - HYDRANT REPAIR	HYDRANTS	3	6	5	15	\$1,205	\$5,889
<b>Program 01 TOTAL</b>		20	20			\$8,137	\$12,445
<b>02 - VALVES</b>							
WD-0201 - DISTRIBUTION VALVE MAINTENANCE	VALVES	11	7	217	132	\$4,960	\$3,178
WD-0202 - NIGHT VALVE MAINTENANCE	VALVES	0	0	0	0	\$0	\$0
<b>Program 02 TOTAL</b>		11	7			\$4,960	\$3,178
<b>03 - METERS</b>							
CS-0301 - NEW METER INSTALLATION	METERS	1	1	8	6	\$3,492	\$1,640
CS-0302 - RAISE REPLACE METER BOX	BOXES	1	0	6	0	\$280	\$0
CS-0303 - METER LEAK INVESTIGATION/REPAIR	INV/REP	2	2	26	27	\$689	\$883
CS-0305 - ANGLE STOP/BALL VALVE REPLACE	REPLACE	3	3	7	9	\$1,595	\$1,151
CS-0306 - LARGE METER TEST/REPAIR - C	TESTS	2	0	9	0	\$756	\$0
WD-0305 - ANGLE STOP/BALL VALVE REPLACE	REPLACE	2	4	5	8	\$1,495	\$1,907
<b>Program 03 TOTAL</b>		10	10			\$8,307	\$5,581
<b>04 - MAIN LINES</b>							
WD-0401 - MAIN LINE REPAIR	REPAIRS	9	11	2	2	\$5,490	\$6,522
WD-0402 - AIR VAC MAINTENANCE/REPAIR	REPAIRS	2	0	14	0	\$945	\$0
<b>Program 04 TOTAL</b>		11	11			\$6,435	\$6,522
<b>05 - SERVICE LINES</b>							
WD-0501 - SERVICE LINE REPAIR	REPAIRS	5	6	2	3	\$2,645	\$3,826
<b>Program 05 TOTAL</b>		5	6			\$2,645	\$3,826
<b>06 - CAPITAL</b>							
CAP-MTPP - METER TECH PILOT PROGRAM	METERS	0	1	0	0	\$0	\$189
CAP AV - CAPITAL AIR VACUUM REPLACE	AIR VACS	0	0	0	0	\$0	\$0
CAP BI - CAPITAL BYPASS & METER INSTALL	REPLACE	0	0	0	0	\$0	\$0
CAP FH - CAPITAL HYDRANT UPGRADE	HYDRANTS	1	24	0	3	\$1,172	\$20,529
CAP MV - CAPITAL MAINLINE VALVE REPLACE	VALVES	1	22	0	5	\$819	\$16,274
CAP SL - CAPITAL SERVICE LINE REPLACE	SERVICES	3	0	1	0	\$2,198	\$0
CAP SS - CAPITAL SAMPLE STATION REPLACE	STATIONS	0	0	0	0	\$0	\$0
CAP LM - CAPITAL LARGE METERS	METERS	1	0	5	0	\$1,784	\$0
CAP SM - CAPITAL SMALL METERS	METERS	2	1	23	11	\$2,181	\$1,163
<b>Program 06 TOTAL</b>		8	48			\$8,154	\$38,155
<b>TOTAL</b>						\$38,638	\$69,707

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>CAPITAL</b>				
BUTIER CONSULTING ENGINEERS				
000001212	A001MWD	M20-105 GISLER PARKING PROJECT		9,576.00
000001454	A002MWD	M20-105 GISLER PARKING PROJECT		5,352.00
	7/30/2020		2	14,928.00
FENCE MENDERS				
000001337	14528	REPAIR CHAIN LINK GATE		500.00
	7/16/2020		1	500.00
MICHAEL BAKER INTERNATIONAL				
000001241	1082008	M18-118 OC44 PIPELINE REHAB		11,140.00
000001241	1084938R1	M20-004A OC44 APPUR RELOCATION		11,911.50
000001308	1077442	M18-118 OC44 PIPELINE REHAB		17,754.80
000001308	1088078	M18-118 OC44 PIPELINE REHAB		5,812.92
000001384	1088178	M20-104 ROOF REPLACEMENTS		20,666.91
000001495	1083811	M18-118 OC44 PIPELINE REHAB		8,303.80
	7/30/2020		4	75,589.93
TETRA TECH, INC				
000001392	51580850	M18-100 DESIGN SERVICES		46,784.50
000001392	51580836	M20-004A-WIDENING PLAN REVIEW		4,400.00
000001392	51580851	OCTA 2246INSP PLAN REVIEW		1,470.00
	7/23/2020		1	52,654.50
<b>TOTAL CAPITAL</b>			<b>8</b>	<b>143,672.43</b>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>DEPARTMENT EXPENSE</b>				
ACWA JOINT POWERS INSURANCE AUTHORI				
000001299	AUG2020EAP	AUGUST 2020 EAP		149.06
000001447	063020	APR - JUN 20 WORKERCOMP		26,975.43
	7/30/2020		2	27,124.49
ARMA INTERNATIONAL				
000001396	PRO50502015	FY21 MEMBERSHIP RENEWAL		215.00
	7/23/2020		1	215.00
CA DEPT OF JUSTICE				
000001457	457422	PRE-EMPLOYMENT FINGERPRINTS		32.00
	7/30/2020		1	32.00
CALPERS BENEFIT PAYMENTS				
0155854	061920	PPE 6/19/20		35,035.71
0155855	16076282	JULY HEALTH PREMIUM		50,893.09
0155858	717/20	PPE 7/17		36,861.61
0155862	16076296	JULY PA HEALTH PREMIUM		6,408.26
	7/9/2020		4	129,198.67
COLONIAL LIFE & ACCIDENT INS				
000001302	8892333-0713554	INSURANCE - PPE 06/19/20		208.75
000001459	8892333-0727531	INSURANCE - PPE 07/03/20		208.75
	7/30/2020		2	417.50
CALIFORNIA WATER EFFICIENCY PARTNERS				
000001215	SPOP2P202008	SPONSORSHIP		1,000.00
	7/2/2020		1	1,000.00
G&W TOWING				
000001338	447398	TOWING #96		67.00
000001401	450607	TOWING #27		77.00
	7/23/2020		2	144.00
GUARDIAN				
000001217	00430941JUL20	JUL 20 DENTAL INSURANCE		5,711.46
000001464	00430941AUG20	AUG 20 DENTAL INSURANCE		5,711.46
	7/30/2020		2	11,422.92

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>HOOVER PRINTING</b>				
000001434	94945	PRINTING NEWSLETTER		2,494.41
000001434	95026	PRINTING - POSTCARDS		312.34
000001434	95032	PRINTING - POSTCARDS		312.34
	7/23/2020		1	3,119.09
<b>INSTITUTE FOR CONSERVATION RESEARCH</b>				
000001488	102	SPONSORSHIP		7,500.00
	7/30/2020		1	7,500.00
<b>ORANGE COUNTY EMPLOYEES ASSN</b>				
000001242	OCEA PPE 032720	MEMBERSHIP DUES - PPE 03/27/20		295.20
000001242	OCEA PPE 041020	MEMBERSHIP DUES - PPE 04/10/20		295.20
000001242	OCEA PPE 050820	MEMBERSHIP DUES - PPE 05/08/20		295.20
000001242	OCEA PPE 042420	MEMBERSHIP DUES - PPE 04/24/20		295.20
000001242	OCEA PPE 052220	MEMBERSHIP DUES - PPE 05/22/20		285.36
000001242	OCEA PPE 060520	MEMBERSHIP DUES - PPE 06/05/20		275.52
000001304	OCEA PPE 070320	MEMBERSHIP DUES - PPE 07/03/20		275.52
	7/9/2020		2	2,017.20
<b>RED WING BUSINESS ADVANTAGE ACCT</b>				
000001225	20200625009986	SAFETY SHOES		200.00
000001410	20200709009986	SAFETY SHOES		398.44
	7/23/2020		2	598.44
<b>SHARON D BRIMER</b>				
000001472	JUN/JUL2020	BOARD MINUTES - JUN/JUL 2020		280.00
	7/30/2020		1	280.00
<b>TASC</b>				
000001473	IN1803794	FSA ADMIN FEES - JUNE 2020		167.16
	7/30/2020		1	167.16
<b>TRACKER, A DIVISION OF C2, LLC</b>				
000001476	20-0000-186.Q2	PORTFOLIO ACCTING & REPORTING		1,200.00
	7/30/2020		1	1,200.00
<b>UNION BANK</b>				
000001440	1217655	APR - JUN BANK FEES		875.00
000001440	1203594	JAN-MAR BANK FEES		875.00
	7/23/2020		1	1,750.00

# Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
VISTA DEL VERDE LANDSCAPE				
000001370	33928	LANDSCAPE MAINTENANCE - JUL20		2,770.09
	7/16/2020		1	<u>2,770.09</u>
VISION SERVICE PLAN - (CA)				
000001498	809978603	AUG 20 VISION INSURANCE		1,220.19
	7/30/2020		1	<u>1,220.19</u>
<b>TOTAL DEPARTMENT EXPENSE</b>			<b>27</b>	<b>190,176.75</b>

# Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>EMPLOYEE CHECKS</b>				
ART HERNANDEZ				
000001254	070120	JUL 2020 INSURANCE SUBSIDY		183.08
	7/9/2020		1	183.08
<b>TOTAL EMPLOYEE CHECKS</b>			<b>1</b>	<b>183.08</b>



# Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>FINANCIAL OBLIGATIONS</b>				
US BANK				
000001305	5755685	COPS ADMIN FEES		6,500.00
	7/9/2020		1	6,500.00
<b>TOTAL FINANCIAL OBLIGATIONS</b>			<b>1</b>	<b>6,500.00</b>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>GENERAL AND ADMINISTRATIVE</b>				
JAMES AU				
000001309	CHEQ00099007554	04516400 Cheque Deposits 04516		20.56
	7/16/2020		1	<u>20.56</u>
STEVE GOSTIN				
000001442	CHEQ00099007573	03803801 Overpayment		109.15
	7/30/2020		1	<u>109.15</u>
REBECCA ROSSINI				
000001310	CHEQ00099007561	30001320 Cheque Deposits 30001		28.64
	7/16/2020		1	<u>28.64</u>
ISABEL G JAMES				
000001311	CHEQ00099007551	03502600 Cheque Deposits 03502		14.39
	7/16/2020		1	<u>14.39</u>
ALAN SMITH POOL PLASTERING, INC.				
000001443	CHEQ00099007577	20077600 Cheque Deposits 20077		614.68
	7/30/2020		1	<u>614.68</u>
FIRST STEP HOUSE OF OC, INC.				
000001427	CHEQ00099007571	06504300 Overpayment		58.11
	7/23/2020		1	<u>58.11</u>
KATHRYN YARNALL				
000001387	CHEQ00099007560	10019200 Cheque Deposits 10019		72.85
	7/16/2020		1	<u>72.85</u>
MESA WATER DISTRICT				
000001388	TEST1	TEST1		1.00
000001389	TEST2	TEST2		1.00
000001390	TEST3	TEST3		1.00
	7/16/2020		3	<u>3.00</u>
CAROL H KENT				
000001312	CHEQ00099007559	06708000 Cheque Deposits 06708		60.45
	7/16/2020		1	<u>60.45</u>
SOUTH COAST PLAZA				
000001424	CHEQ00099007568	06804500 Cheque Deposits 06804		61.10
	7/23/2020		1	<u>61.10</u>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>JAMES G HARKER</b>				
000001444	CHEQ00099007576	00801600 Overpayment		257.81
	7/30/2020		1	<u>257.81</u>
<b>TALAL MAMARI</b>				
000001313	CHEQ00099007553	03709300 Cheque Deposits 03709		181.84
	7/16/2020		1	<u>181.84</u>
<b>RAMIL DE LOS SANTOS</b>				
000001314	CHEQ00099007555	00700600 Cheque Deposits 00700		94.40
	7/16/2020		1	<u>94.40</u>
<b>SARA CABALLERO</b>				
000001315	CHEQ00099007557	05404101 Cheque Deposits 05404		57.16
	7/16/2020		1	<u>57.16</u>
<b>THOMAS M SCRANTON</b>				
000001445	CHEQ00099007575	07009300 Cheque Deposits 07009		305.56
	7/30/2020		1	<u>305.56</u>
<b>TRACY MCKENNA</b>				
000001316	CHEQ00099007556	07715001 Cheque Deposits 07715		60.91
	7/16/2020		1	<u>60.91</u>
<b>MATTHEW WOODLAND</b>				
000001423	CHEQ00099007567	02901300 Cheque Deposits 02901		27.82
	7/23/2020		1	<u>27.82</u>
<b>DIETZ HYDROSEEDING COMPANY</b>				
000001425	CHEQ00099007569	20078200 Cheque Deposits 20078		1,059.36
	7/23/2020		1	<u>1,059.36</u>
<b>ATHENA BELLUOMINI</b>				
000001317	CHEQ00099007558	30000354 Cheque Deposits 30000		106.17
	7/16/2020		1	<u>106.17</u>
<b>MLINK ENTERPRISES, LLC</b>				
000001318	CHEQ00099007563	10603302 Overpayment		284.50
000001318	CHEQ00099007562	10603301 Overpayment		166.35
000001318	CHEQ00099007564	12029400 Overpayment		131.59
	7/16/2020		1	<u>582.44</u>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>STEPHANIE MANGAPIT</b>				
000001426	CHEQ00099007570	08419500 Cheque Deposits 08419		157.93
	7/23/2020		1	<u>157.93</u>
<b>KALEY BRAUNLING</b>				
000001319	CHEQ00099007552	10423700 Cheque Deposits 10423		131.38
	7/16/2020		1	<u>131.38</u>
<b>OC HOMES</b>				
000001320	CHEQ00099007565	07404100 Overpayment		286.13
	7/16/2020		1	<u>286.13</u>
<b>AURA COMMUNITY ASSOCIATION</b>				
000001393	CHEQ00099007566	30001958 Overpayment		132.16
000001446	CHEQ00099007578	30001958 Overpayment		68.36
	7/30/2020		2	<u>200.52</u>
<b>ANGELA CAMP</b>				
000001428	CHEQ00099007572	07320000 Overpayment		178.68
	7/23/2020		1	<u>178.68</u>
<b>APPLIED BEST PRACTICES, LLC/FIELDMAN F</b>				
000001322	25353	PROFESSIONAL SERVICES		2,000.00
	7/16/2020		1	<u>2,000.00</u>
<b>ARIZENT</b>				
000001449	BD0001226	BB ONE YEAR SUBSCRIPTION		3,420.00
	7/30/2020		1	<u>3,420.00</u>
<b>AT&amp;T MOBILITY</b>				
000001255	87295684390X0616	WIRELESS COMM 06/09-07/08		1,417.89
000001324	87023041770X0628	WIRELESS COMM 05/21-06/20		58.95
000001452	87295684390X0716	WIRELESS COMM 07/09-08/08		2,057.17
	7/30/2020		3	<u>3,534.01</u>
<b>ATKINSON, ANDELSON, LOYA, RUUD &amp; ROMC</b>				
000001397	598091	LEGAL SERVICES - JUNE 2020		11,589.50
	7/23/2020		1	<u>11,589.50</u>
<b>360 BC GROUP INC.</b>				
000001256	20333	WEBSITE MAINTENANCE - JUN 2020		2,000.00
	7/9/2020		1	<u>2,000.00</u>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>BLUECOSMO SATELLITE COMMUNICATIONS</b>				
000001209	BU01228094	SATELLITE PHONE SERVICE		110.66
000001453	BU01237850	SATELLITE PHONE SERVICE		96.63
	7/30/2020		2	207.29
<b>BOLLAND AND ASSOCIATES</b>				
000001257	001	REGULATORY CONSULTING SERVICES		1,200.00
	7/9/2020		1	1,200.00
<b>BSI EHS SERVICES AND SOLUTIONS</b>				
000001211	58844-R	M18-100 ASBESTOS SURVEY		2,940.00
000001327	59055	EHS SUPPORT SERVICES		10,900.00
	7/16/2020		2	13,840.00
<b>THOMAS CARSON</b>				
000001455	C0038-18-01	BOND RELEASE C0038-18-01		1,000.00
	7/30/2020		1	1,000.00
<b>CALIFORNIA ADVOCATES INC.</b>				
000001328	072059	PROFESSIONAL SERVICES		7,000.00
000001328	062056	CONSULTING SERVICES		7,000.00
	7/16/2020		1	14,000.00
<b>CALDESAL</b>				
000001456	5132020	FY21 MEM:PS, DG, AJ,SD, ST, KP		5,000.00
	7/30/2020		1	5,000.00
<b>CANON FINANCIAL SERVICES, INC.</b>				
000001258	21539547	PRINTER EQUIPMENT LEASE		3,578.78
000001458	21651399	PRINTER EQUIPMENT LEASE		3,528.03
	7/30/2020		2	7,106.81
<b>CITY CLERKS ASSOCIATION OF CALIFORNIA</b>				
000001213	7377	FY21 MEMBERSHIP RENEWAL		160.00
000001259	8073	FY21 MEMBERSHIP - WD		65.00
	7/9/2020		2	225.00
<b>CITY OF COSTA MESA</b>				
000001214	CITY81850	ADJUST MWD VALVES TO GRADE		2,200.00
	7/2/2020		1	2,200.00

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>CCS ORANGE COUNTY JANITORIAL INC.</b>				
000001237	471958	JANITORIAL SERVICES		3,798.08
000001237	471959	M20-099 DAY PORTER SERVICE		3,031.00
000001261	476648	M20-099 DAY PORTER SERVICE		3,031.00
000001261	476647	JANITORIAL SERVICES		3,798.08
	7/9/2020		2	13,658.16
<b>COMPONETICS</b>				
000001398	1702	KEY HOLDERS		1,426.22
	7/23/2020		1	1,426.22
<b>CONSTANT AND ASSOCIATES, INC.</b>				
000001329	CA2020_514	COMMUNICATIONS PLAN & TRAINING		9,385.57
	7/16/2020		1	9,385.57
<b>DOCUSIGN, INC.</b>				
000001263	INV19130763	ESIGNATURE SUBSCRIPTION		4,758.00
	7/9/2020		1	4,758.00
<b>DUDEK</b>				
000001332	202004623	OC-44 PIPELINE REHAB		5,060.00
	7/16/2020		1	5,060.00
<b>ELEMENT FIRE AND SAFETY</b>				
000001333	26187	ANNUAL EXTINGUISHER SERVICE		111.40
	7/16/2020		1	111.40
<b>EMPOWER</b>				
000001613	0703201	PPE 7/3/20		10,873.03
0155857	624201	JUNE 24 PAY - 401A		1,028.96
0155857	610202	JUNE 10 PAY - 401A		1,028.96
0155857	527201	MAY 27 PAY - 401A		1,028.96
0155857	070320	PPE 7/3/20		1,028.96
0155859	071720	PPE 7/17/20		1,028.96
0155863	52720	MAY 27 457 PAYMENT		10,873.03
0155863	62420	JUNE 24 PAY		10,873.03
0155863	060320	PPE JUNE 3 2020		10,873.03
0155865	0717201	PPE 7/17/20		10,873.03
	7/1/2020		5	59,509.95

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>EMPLOYEE RELATIONS INC</b>				
000001264	88239	PRE-EMPLOYMENT VEHICLE REPORT		8.22
	7/9/2020		1	<u>8.22</u>
<b>ENERGY ENVIRONMENTAL SOLUTIONS, INC.</b>				
000001265	EES-2020-MWDR1E	ICE ENGINE TESTS		2,400.00
000001265	EES-2020-MWD05	ICE ENGINE TESTS		2,400.00
000001385	EES-2020-MWDR2-	ICE ENGINE TESTS		7,200.00
	7/16/2020		2	<u>12,000.00</u>
<b>ENTERPRISE FM TRUST</b>				
000001335	FBN3997586	AUTO LEASES - JULY 2020		1,025.68
	7/16/2020		1	<u>1,025.68</u>
<b>EPIC BUSINESS ESSENTIALS, LLC</b>				
000001238	SI00397837	OFFICE SUPPLIES		67.45
000001238	SI00397303	OFFICE SUPPLIES		90.51
000001336	SI00398359	OFFICE SUPPLIES		42.48
000001484	S100398821	OFFICE SUPPLIES		45.26
000001484	S100386862	OFFICE SUPPLIES		25.13
	7/30/2020		3	<u>270.83</u>
<b>FASTENAL COMPANY</b>				
000001266	CAGV11713	M20-099 EMERGENCY SUPPLIES		1,411.51
000001431	CAGV11732	WATER OPS SUPPLIES		248.25
000001431	CAGV11731	WATER OPS SUPPLIES		1,858.96
	7/23/2020		2	<u>3,518.72</u>
<b>FOLEY &amp; MANSFIELD, P.L.L.P.</b>				
000001239	2567700	LEGAL FEES - MAY 2020		114.50
000001239	2567699	LEGAL FEES - MAY 2020		4,500.00
	7/2/2020		1	<u>4,614.50</u>
<b>FRONTIER COMMUNICATIONS</b>				
000001267	17945JUN20	DDS LINE 06/13-07/12		108.37
000001462	17945JUL20	DDS LINE 07/13-08/12		117.84
	7/30/2020		2	<u>226.21</u>
<b>FULL CIRCLE RECYCLING</b>				
000001268	25151	RECYCLING SERVICES		133.50
	7/9/2020		1	<u>133.50</u>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>GEMPLER'S</b>				
000001463	INV0004443957	PROTECTIVE GEAR		442.74
	7/30/2020		1	<u>442.74</u>
<b>GREENBERG TRAURIG, LLP</b>				
000001270	5401808	LEGAL SERVICES		25,000.00
	7/9/2020		1	<u>25,000.00</u>
<b>HAZEN AND SAWYER</b>				
000001403	20035-003-13	M18-117 DESIGN SERVICES		10,061.00
	7/23/2020		1	<u>10,061.00</u>
<b>HDR ENGINEERING INC</b>				
000001404	1200280116	M19-103 PIPELINE INTEGRITY		2,210.75
	7/23/2020		1	<u>2,210.75</u>
<b>HOTSY OF SOUTHERN CALIFORNIA</b>				
000001465	10010067	WATER OPS REPAIRS		434.04
	7/30/2020		1	<u>434.04</u>
<b>ILAND INTERNET SOLUTIONS CORP</b>				
000001218	INV-008705	ILAND SECURE BACKUP W CLOUD		4,324.80
000001343	INV-015491	ILAND SECURE BACKUP W CLOUD		1,398.24
	7/16/2020		2	<u>5,723.04</u>
<b>INFOSEND INC</b>				
000001219	173677	CUSTOMER BILLING SERVICE		1,362.46
000001272	173850	CUSTOMER BILLING SERVICE		2,017.17
000001344	174795	CUSTOMER BILLING SERVICE		2,706.32
000001405	175004	CUSTOMER BILLING SERVICE		1,315.57
000001487	174935	CUSTOMER SERV PORTAL-JULY		400.00
000001487	172426	CUSTOMER BILLING SERVICE		1,923.98
000001487	173446	CUSTOMER BILLING SERVICE		1,706.86
000001487	175242	CUSTOMER BILLING SERVICE		1,100.56
	7/30/2020		5	<u>12,532.92</u>
<b>JOHN ROBINSON CONSULTING, INC.</b>				
000001345	MW201901-15	CONSULTING SERVICES		9,600.00
000001466	MW201902-05	CONSULTING SERVICES		4,800.00
	7/30/2020		2	<u>14,400.00</u>



## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>KLEEN KRAFT SERVICES</b>				
000001346	1039741	UNIFORMS, MATS, TOWELS		189.29
000001346	1040393	UNIFORMS, MATS, TOWELS		241.97
000001489	1041059	UNIFORMS, MATS, TOWELS		260.34
000001489	1041711	UNIFORMS, MATS, TOWELS		211.12
000001489	1042369	UNIFORMS, MATS, TOWELS		211.12
	7/30/2020		2	1,113.84
<b>LA CONSULTING INC</b>				
000001347	0014988	CMMS SUPPORT SERVICES		3,067.00
	7/16/2020		1	3,067.00
<b>DANNY LETNER INC., DBA LETNER ROOFING</b>				
000001391	57930	M20-104 WELL 5,9 ROOF REPLCMNT		170,639.47
	7/23/2020		1	170,639.47
<b>LIEBERT CASSIDY WHITMORE</b>				
000001220	1499926	PROFESSIONAL SERVICES - MAY		428.00
	7/2/2020		1	428.00
<b>LIFECOM, INC.</b>				
000001275	2089722-IN	SERVICE/CALIBRATE RKI EAGLE		438.80
000001275	2089712-IN	SERVICE/CALIBRATE RKI EAGLE		65.00
000001275	2089711-IN	SERVICE/CALIBRATE RKI GX		65.00
000001348	2089790-IN	SERVICE/CALIBRATE RKI EAGLE		65.00
000001348	2089791-IN	SERVICE/CALIBRATE RKI EAGLE		100.02
000001468	2089846-IN	SERVICE/CALIBRATE RKI EAGLE		145.82
	7/30/2020		3	879.64
<b>LOW VOLTAGE TECHNOLOGIES</b>				
000001469	8444	ALARM MONITORING 8/1-10/31/20		105.00
	7/30/2020		1	105.00
<b>MAIN GRAPHICS</b>				
000001277	140001	PRINTING, DESIGN POSTCARDS		7,512.31
	7/9/2020		1	7,512.31
<b>MOUNTAIN COUNTIES WATER RESOURCES /</b>				
000001221	1117	MEMBERSHIP DUES		550.00
	7/2/2020		1	550.00

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>MENDE CONSULTING</b>				
000001349	2020-04	PROFESSIONAL SERVICES		900.00
	7/16/2020		1	900.00
<b>MURAKAWA COMMUNICATIONS, INC.</b>				
000001470	MESA WATER-1	MWRP PUBLIC OUTREACH PROJECT		33,506.00
	7/30/2020		1	33,506.00
<b>NEXTDAY DELIVERY SERVICE, LLC</b>				
000001407	770185	MAIL DELIVERY SVCS		563.68
	7/23/2020		1	563.68
<b>NOACK AWARDS &amp; ENGRAVING INC</b>				
000001351	26179	LASER ENGRAVING AWARDS		161.63
	7/16/2020		1	161.63
<b>PACIFIC STAR CHEMICAL DBA NORTHSTAR C</b>				
000001352	172400	SOD HYPO		3,084.95
000001352	172761	SOD HYPO		1,744.33
000001352	172398	SOD HYPO		2,039.22
000001352	172759	SOD HYPO		1,151.28
000001352	172756	SOD HYPO		2,401.58
000001437	172889	SOD HYPO		1,231.80
000001437	172890	SOD HYPO		1,928.23
000001437	172762	SOD HYPO		2,198.09
	7/23/2020		2	15,779.48
<b>NOVATIME TECHNOLOGY INC</b>				
000001353	SI-078257	MONTHLY FEE - TIME CARDS		189.00
	7/16/2020		1	189.00
<b>NV5, INC.</b>				
000001222	168068	M20-105 GISLER PARKING PROJECT		1,620.00
000001490	170842	M20-105 GISLER PARKING PROJECT		2,340.00
	7/30/2020		2	3,960.00

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>ORANGE COUNTY TREASURER - TAX COLLE</b>				
000001223	FE20-0116	PERMIT FE20-0116		1,611.95
000001223	FE20-0114	PERMIT FE20-0114		1,611.95
000001354	GA20210054	FY20/21 LAFCO ALLOCATION		22,265.10
000001491	Z2012377	ENG. FE19-0244 PERMIT FEE		1,035.78
000001491	Z2012392	FE19-0349, FE19-348 PERMIT FEE		3,223.90
	7/30/2020		3	<u>29,748.68</u>
<b>O'NEIL STORAGE #0481</b>				
000001355	2006055	FILE STORAGE - JUNE 2020		141.68
	7/16/2020		1	<u>141.68</u>
<b>PERFECT POUR PURIFICATION SOLUTIONS,</b>				
000001492	4022	WATER OPS SUPPLIES-FILTERS		7,648.75
	7/30/2020		1	<u>7,648.75</u>
<b>PRES TECH EQUIPMENT COPMANY</b>				
000001409	INV-000040	REPAIR/SERVICE UNIT #85		660.00
	7/23/2020		1	<u>660.00</u>
<b>PROCARE WORK INJURY CENTER (DBA)</b>				
000001246	293150	MEDICAL SERVICES		334.78
000001246	293215	MEDICAL SERVICES		169.89
	7/2/2020		1	<u>504.67</u>
<b>RAYNE WATER SYSTEMS</b>				
000001224	30486JUN20	SOFT WATER SERVICE JUN 20		41.42
000001358	30486JUL20	SOFT WATER SERVICE JUL 20		41.42
	7/16/2020		2	<u>82.84</u>
<b>RSM US PRODUCT SALES, LLP</b>				
000001411	6060960	GREAT PLAINS SUPPORT		800.00
	7/23/2020		1	<u>800.00</u>
<b>SANTA MARGARITA PLUMBING</b>				
000001413	13769-21534	TANKLESS WATER HEATERS M20-102		20,265.69
	7/23/2020		1	<u>20,265.69</u>
<b>SONSRAY MACHINERY</b>				
000001361	W09428-03	FLEET REPAIR		1,925.70
	7/16/2020		1	<u>1,925.70</u>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>T2 TECHNOLOGY GROUP, LLC</b>				
000001386	00307196	M18-120A CARBON BLACK		37,517.50
000001441	00307214	M18-120L MDM		7,277.50
000001441	00307209	M18-120H TICKETING SYS		49,367.50
000001441	00307216	M18-120I IT INTRANET DASHBOARD		9,967.50
000001441	00307213	M18-120A MGMT & OVERSIGHT		36,775.00
000001441	00307206	M18-120K SOLAR WINDS		52,420.00
000001441	00307211	M18-120F EOC INTERNET CONN		820.00
000001441	00307210	M18-120N SIEM		6,150.00
000001441	00307215	M18-120J CARBON BLACK		2,852.50
000001441	00307212	M18-120A COMP 3 SUPPORT		36,822.50
000001441	00307208	IT SUPPORT - JUNE 2020		39,887.50
	7/30/2020		2	279,857.50
<b>TERMINIX PROCESSING CENTER</b>				
000001474	397620217	TENTING-EXTERMINATION SERVICES		31,281.00
	7/30/2020		1	31,281.00
<b>MONACO, INC.</b>				
000001248	29251	POSTCARDS - WATER QUALITY		2,202.00
000001248	29252	POSTCARDS - POSTAGE		9,763.02
	7/2/2020		1	11,965.02

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>THEODORE ROBINS FORD</b>				
000001249	C38423	AUTO REPAIRS & MAINTENANCE		67.63
000001249	C37524	AUTO REPAIRS & MAINTENANCE		691.79
000001249	C37793	AUTO REPAIRS & MAINTENANCE		278.15
000001249	C37462	AUTO REPAIRS & MAINTENANCE		222.30
000001249	C38468	AUTO REPAIRS & MAINTENANCE		77.98
000001249	C35839	AUTO REPAIRS & MAINTENANCE		426.52
000001296	C38493	AUTO REPAIRS & MAINTENANCE		877.20
000001296	C38777	AUTO REPAIRS & MAINTENANCE		229.05
000001296	C38726	AUTO REPAIRS & MAINTENANCE		1,307.19
000001363	C38893	AUTO REPAIRS & MAINTENANCE		290.70
000001363	C39123	AUTO REPAIRS & MAINTENANCE		103.11
000001497	C39677	AUTO REPAIRS & MAINTENANCE		577.16
000001497	C38994	AUTO REPAIRS & MAINTENANCE		125.00
000001497	C39564	AUTO REPAIRS & MAINTENANCE		831.91
000001497	C39636	AUTO REPAIRS & MAINTENANCE		72.81
000001497	C39264	AUTO REPAIRS & MAINTENANCE		468.74
000001497	C39315	AUTO REPAIRS & MAINTENANCE		72.81
000001497	C39435	AUTO REPAIRS & MAINTENANCE		751.88
000001497	C39714	AUTO REPAIRS & MAINTENANCE		1,790.88
000001497	C39888	AUTO REPAIRS & MAINTENANCE		62.46
000001497	C39829	AUTO REPAIRS & MAINTENANCE		72.81
000001497	C39813	AUTO REPAIRS & MAINTENANCE		1,109.03
	7/30/2020		4	10,507.11
<b>TIME WARNER CABLE</b>				
000001297	1048224061920	INTERNET - DISTRICT		2,114.00
000001297	1524356061520	INTERNET - MWRF		204.98
000001297	0679649061820	INTERNET - MWRF		324.98
000001475	1774795070620	INTERNET - DISTRICT		170.98
	7/30/2020		2	2,814.94
<b>LINKO TECHNOLOGY DBA TOKAY SOFTWARE</b>				
000001284	6773	TOKAY BACKFLOW PM SOFTWARE		790.00
	7/9/2020		1	790.00
<b>QUADIENT FINANCE USA, INC</b>				
000001364	5780JUN20	POSTAGE - JUNE 2020		546.43
	7/16/2020		1	546.43

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>ULINE</b>				
000001287	121241643	GENERAL SUPPLIES		62.19
	7/9/2020		1	<u>62.19</u>
UNIVERSAL WASTE SYSTEMS, INC				
000001365	0000686053	WASTE REMOVAL - JULY		87.00
	7/16/2020		1	<u>87.00</u>
<b>UNUM</b>				
000001417	0420560001AUG20	LIFE INSURANCE - AUG 2020		3,919.16
	7/23/2020		1	<u>3,919.16</u>
VERIZON WIRELESS				
000001368	9856816913	MOBILE INTERNET 05/17-06/16		2,600.69
	7/16/2020		1	<u>2,600.69</u>
VORTEX INDUSTRIES, INC				
000001290	09-1440035	SERVICE INTERIOR DOORS		523.40
000001290	09-1440032	REPAIR FRONT GATE		2,240.00
000001478	09-1446640	GATE REPAIR - MWRF		1,200.27
	7/30/2020		2	<u>3,963.67</u>
WASTE MANAGEMENT OF OC				
000001292	7949476-0149-6	TR CONTAINER RENTAL JUN20		450.00
000001372	0385314-2515-5	TR CONTAINER RENTAL JUL20		1,065.59
000001479	7949789-0149-2	TR CONTAINER RENTAL JUL20		1,008.10
	7/30/2020		3	<u>2,523.69</u>
WATER SYSTEMS CONSULTING, INC.				
000001480	4823	PROJECT RISK & MANAGEMENT		4,721.25
	7/30/2020		1	<u>4,721.25</u>
<b>WE SAVE BEES</b>				
000001230	7143	BEE REMOVAL SERVICES		195.00
000001373	7113	BEE REMOVAL SERVICES		195.00
000001481	7275	BEE REMOVAL SERVICES		195.00
	7/30/2020		3	<u>585.00</u>
WESTERN EXTERMINATOR COMPANY				
000001231	8168281	PEST CONTROL - MWRF		92.50
000001231	8150281	PEST CONTROL - DISTRICT		92.50
	7/2/2020		1	<u>185.00</u>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>WHITE NELSON DIEHL EVANS LLP</b>				
000001422	205991	F20 INTERIM AUDIT SERVICES		6,200.00
	7/23/2020		1	6,200.00
<b>WOLF CONSULTING, INC.</b>				
000001232	INV-000154	DATABASE SUPPORT SERVICES		2,250.00
000001374	INV-000158	DATABASE SUPPORT SERVICES		1,750.00
	7/16/2020		2	4,000.00
<b>ZONES INC</b>				
000001375	K15228860101	IT INFO SYS PARTS		3,280.16
000001500	K15362010101	RACKTRAY		227.35
000001500	K15325430101	WORKSPACE ONE ADVANCED		13,998.00
000001500	K15407000101	BASIC SNS VREAL		8,666.39
	7/30/2020		2	26,171.90
<b>TOTAL GENERAL AND ADMINISTRATIVE</b>			<b>150</b>	<b>952,479.71</b>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>RETIREE CHECKS</b>				
ALAN COOK				
000001253	070120	JUL 2020 INSURANCE SUBSIDY		98.83
	7/9/2020		1	<u>98.83</u>
COLEEN L MONTELEONE				
000001260	070120	JUL 2020 INSURANCE SUBSIDY		245.00
	7/9/2020		1	<u>245.00</u>
DIANA LEACH				
000001262	070120	JUL 2020 INSURANCE SUBSIDY		271.06
	7/9/2020		1	<u>271.06</u>
JOHN CERNEK				
000001273	070120	JUL 2020 INSURANCE SUBSIDY		66.28
	7/9/2020		1	<u>66.28</u>
LORI MULLER				
000001276	070120	JUL 2020 INSURANCE SUBSIDY		98.56
	7/9/2020		1	<u>98.56</u>
PATTI REYNOLDS				
000001280	070120	JUL 2020 INSURANCE SUBSIDY		1.06
	7/9/2020		1	<u>1.06</u>
<b>TOTAL RETIREE CHECKS</b>			<b>6</b>	<b><u>780.79</u></b>



# Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>CHECK SIGNATURE EXEMPT</b>				
SOUTHERN CALIFORNIA EDISON CO				
000001252	2236281499JUN20	ELECTRICITY - JUNE 2020		156,204.85
	7/9/2020		1	156,204.85
<b>TOTAL CHECK SIGNATURE EXEMPT</b>			<b>1</b>	<b>156,204.85</b>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>WATER SUPPLY</b>				
AIRGAS USA LLC				
000001448	9972195019	CYLINDER RENTAL		175.90
	7/30/2020		1	<u>175.90</u>
BLUE EARTH LABS				
000001210	20-2635	FOAM BREAK		1,820.96
	7/2/2020		1	<u>1,820.96</u>
CULLIGAN OF SANTA ANA				
000001331	1178049	SOFTENER REPAIR		250.00
	7/16/2020		1	<u>250.00</u>
HARRINGTON INDUSTRIAL PLASTICS				
000001432	002O0523	TOOLS		22.57
000001432	002O0558	TOOLS		260.99
000001432	002O0480	TOOLS		67.28
	7/23/2020		1	<u>350.84</u>
HILL BROTHERS CHEMICAL CO.				
000001342	07070993	AMMONIA		3,069.80
000001342	07070547	AMMONIA		2,416.30
000001433	07070990	AMMONIA		3,015.98
000001433	07070991	AMMONIA		3,004.95
000001433	07070992	AMMONIA		2,990.00
	7/23/2020		2	<u>14,497.03</u>
JCI JONES CHEMICAL CO.				
000001240	824109	CAUSTIC SODA		2,241.76
000001307	824672	CAUSTIC SODA		1,704.32
000001435	826535	CAUSTIC SODA		2,656.63
	7/23/2020		3	<u>6,602.71</u>
NALCO WATER PRETREATMENT SOLUTIONS				
000001350	2451714	MWRF GARDEN SUPPLIES		556.05
	7/16/2020		1	<u>556.05</u>
OCWD				
0155852	21677	MAY GAP WATER		30,518.40
0155861	071720	JAN - JUNE 2020 RA		3,625,958.30
	7/24/2020		2	<u>3,656,476.70</u>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>SEPARATION PROCESSES, INC</b>				
000001360	9828	SUPPORT SERVICES		12,438.47
	7/16/2020		1	12,438.47
<b>UNIVAR SOLUTIONS USA, INC.</b>				
000001250	48624642	SOD HYPO		171.59
000001250	48624640	SOD HYPO		1,365.31
000001250	48624641	SOD HYPO		198.47
000001250	48621794	SOD HYPO		5,179.88
000001298	48632763	SODIUM BISULFITE		3,223.60
000001298	48632762	SOD HYPO		3,118.83
	7/9/2020		2	13,257.68
<b>UNITED WATERWORKS INC.</b>				
000001229	S100088156.001	WATER OPS SUPPLIES		1,092.32
000001366	S100088495.001	WATER OPS SUPPLIES		3,583.26
000001416	S100085381.002	WATER OPS SUPPLIES		202.68
	7/23/2020		3	4,878.26
<b>TOTAL WATER SUPPLY</b>				<b>18 3,711,304.60</b>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>WATER SYSTEM</b>				
BADGER METER INC.				
000001234	80054376	READER - SERVICE AGREEMENT		780.00
000001234	1364539	METERS		193.54
	7/2/2020		1	973.54
BATTERY MART INC				
000001235	36119	BATTERIES		124.77
	7/2/2020		1	124.77
CHARLES P CROWLEY				
000001429	27061	WATER OPS PARTS		522.72
	7/23/2020		1	522.72
DIG SAFE BOARD				
000001303	DSB20193491	DIG SAFE BOARD FEES		328.04
	7/9/2020		1	328.04
DTSC				
000001399	20207165	EPA HAZ WASTE MANIFEST FEE		645.00
	7/23/2020		1	645.00
EISEL ENTERPRISES, INC.				
000001216	117385	METER COVERS		3,448.00
	7/2/2020		1	3,448.00
EXPRESS PIPE & SUPPLY CO. INC				
000001400	S108800212.003	PIPE SUPPLIES		24.90
000001400	S108800212.002	PIPE SUPPLIES		99.92
	7/23/2020		1	124.82
LARRY'S BUILDING MATERIALS				
000001436	CM-125551	BUILDING MATERIALS		41.27
000001436	CM-124979	BUILDING MATERIALS		64.49
000001436	CM-125027	BUILDING MATERIALS		62.39
000001436	CM-125034	BUILDING MATERIALS		79.25
000001436	CM-125447	BUILDING MATERIALS		48.38
000001467	CM-125608	BUILDING MATERIALS		30.98
	7/30/2020		2	326.76

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>PRAXAIR DISTRIBUTION, INC.</b>				
000001244	97220042	ACETYLENE CYLINDER RENTAL		60.75
000001281	96176618	ACETYLENE CYLINDER RENTAL		128.37
000001408	97283107	ACETYLENE CYLINDER RENTAL		128.37
	7/23/2020		3	317.49
<b>PRAXAIR</b>				
000001245	97177151	CARBON DIOXIDE		3,304.46
000001245	97240045	CARBON DIOXIDE		3,281.37
000001245	97145487	CARBON DIOXIDE		3,384.87
000001357	97365048	CARBON DIOXIDE		3,281.37
000001357	97474141	CARBON DIOXIDE		3,200.36
000001438	97558313	CARBON DIOXIDE TANK RENTAL		2,164.70
000001493	97720962	CARBON DIOXIDE		3,364.79
000001493	97640593	CARBON DIOXIDE		3,219.69
	7/30/2020		4	25,201.61
<b>RELIABLE MONITORING SERVICES</b>				
000001226	2020-19326	GAS DETECTION SYS-CALIBRATE		355.00
000001471	2020-19535	GAS DETECTION SYS/CALIBRATE		397.24
	7/30/2020		2	752.24
<b>S &amp; J SUPPLY CO.</b>				
000001412	S100157016.001	BALL VALVES & PARTS		5,118.13
	7/23/2020		1	5,118.13
<b>SOUTH COAST A.Q.M.D.</b>				
000001414	3679369	LAB ANALYSIS/SOURCE TEST FEE		1,230.03
	7/23/2020		1	1,230.03
<b>SULLY MILLER CONTRACTING CO</b>				
000001496	JOHWA2179A	BOND RELEASE johwa2179		8,980.00
	7/30/2020		1	8,980.00
<b>TAMORI DESIGNS</b>				
000001362	1449	PRINTING - BUDGET BOOKS		1,061.34
	7/16/2020		1	1,061.34

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>ALS TRUESDAIL LABORATORIES INC</b>				
000001285	522002805	WATER QUALITY TESTING		60.00
000001285	522002694	WATER QUALITY TESTING		22.00
000001439	522002948	WATER QUALITY TESTING		84.00
	7/23/2020		2	166.00
<b>UNDERGROUND SERVICE ALERT/SC</b>				
000001288	620200436	UNDERGROUND DIG ALERT		635.35
	7/9/2020		1	635.35
<b>VULCAN MATERIALS</b>				
000001251	72606788	PAVING MATERIALS		252.91
000001291	72631855	PAVING MATERIALS		99.69
000001371	72617748	PAVING MATERIALS		97.23
000001420	72634837	PAVING MATERIALS		341.13
000001420	72639168	PAVING MATERIALS		127.55
000001499	72628177	PAVING MATERIALS		467.32
000001499	72628176	PAVING MATERIALS		169.34
	7/30/2020		5	1,555.17
<b>TOTAL WATER SYSTEM</b>			<b>30</b>	<b>51,511.01</b>

# Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>VARIOUS</b>				
ACADEMY ELECTRIC INC.				
000001394	1302-10	ELECTRICAL REPAIRS		2,538.00
	7/23/2020		1	2,538.00
AMAZON BUSINESS				
000001233	1VMX-VL99-C679	OFFICE SUPPLIES		29.07
000001233	134D-DGNT-C9HX	OFFICE SUPPLIES		150.84
000001233	1YGY-NXFG-1YDL	OFFICE SUPPLIES		14.19
000001233	1YGY-NXFG-7GTR	OFFICE SUPPLIES		22.62
000001233	1XDR-WFDK-XLWF	OFFICE SUPPLIES		117.40
000001233	17C9-KWLH-66VM	OFFICE SUPPLIES		26.91
000001233	1VMX-VL99-PYRD	M20-099 OFFICE SUPPLIES		254.70
000001233	11LD-NHGX-4QXJ	OFFICE SUPPLIES		28.89
000001233	1P3V-FYC1-XVGV	M20-099 OFFICE SUPPLIES		76.86
000001233	1KFH-QYQH-3KDY	M20-099 OFFICE SUPPLIES		561.68
000001233	1Y6C-7LRF-GRGL	OFFICE SUPPLIES		221.50
000001233	1YY3-CL7K-FR9F	OFFICE SUPPLIES		69.33
000001233	11MV-FCHW-RFJL	OFFICE SUPPLIES		152.50
000001233	16WR-F1RL-3KX6	OFFICE SUPPLIES		92.65
000001306	13CP-MDY4-PKRV	OFFICE SUPPLIES		40.71
000001321	1YGY-NXFG-PPH9	M20-099 OFFICE SUPPLIES		254.70
000001321	17JL-7HDH-9HG3	OFFICE SUPPLIES		41.01
000001321	1JDX-1PJK-3J91	OFFICE SUPPLIES		747.83
000001321	1X67-JX4G-JMQF	OFFICE SUPPLIES		748.80
000001395	1NTR-DV1T-TNGT	OFFICE SUPPLIES		16.15
000001482	1C33-TM6J-PNT4	OFFICE SUPPLIES		147.15
000001482	1KK4-4RKK-VH49	OFFICE SUPPLIES		78.06
000001482	1XX9-J9J3-9946	OFFICE SUPPLIES		173.66
000001482	17GR-FVX3-K7F3	OFFICE SUPPLIES		345.31
000001482	11CR-7CLK-6KRC	OFFICE SUPPLIES		90.45
000001482	11X1-V1JQ-DR1J	OFFICE SUPPLIES		6.67
000001482	134V-DFHV-6H6J	OFFICE SUPPLIES		32.74
000001482	1LRQ-XRKF-DPX4	OFFICE SUPPLIES		14.82
000001482	1Q37-NF34-9DGT	OFFICE SUPPLIES		41.76
	7/30/2020		5	4,598.96

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>AT&amp;T</b>				
000001300	00001495705	ACCT# 9391055284 JUNE 2020		4,882.14
000001323	000014976563	ACCT# 9391061444 JUNE 2020		55.60
000001450	000014978511	ACCT# 9391068857 JUNE 2020		2,424.53
	7/30/2020		3	7,362.27
<b>AT&amp;T</b>				
000001301	8315JUL20	714-241-8315 JULY 2020		778.75
000001376	5487JUL20	714-754-5487 JULY 2020		98.61
000001377	9337JUL20	714-435-9337 JULY 2020		2,073.57
000001378	0779JUL20	339-263-0779 JUL 2020		1,594.63
000001379	3044JUL20	949-574-3044 JULY 2020		2,493.30
000001380	3066JUL20	960-350-3066 JULY2020		4,420.18
000001381	8883JUL20	949-631-8883 JULY 2020		407.33
000001382	9024JUL20	339-264-9024 JULY 2020		351.43
000001383	0926JUL20	949-650+0926 JULY 2020		1,560.46
000001451	4054001JUL20	030 203 4054 001 JULY 2020		84.69
	7/30/2020		10	13,862.95
<b>AUTOMATED GATE SERVICES INC.</b>				
000001208	144250	WELL 1 GATE REPAIR		616.50
000001325	144537	GATE REPAIR		196.50
000001483	144408	GATE REPAIR		146.50
000001483	145420	GATE REPAIR		146.50
	7/30/2020		3	1,106.00
<b>BEHRENS AND ASSOCIATES, INC.</b>				
000001326	RI12848	SOUND PANEL RENTAL		1,551.60
	7/16/2020		1	1,551.60
<b>CLEAN DIESEL SPECIALISTS SO CAL, INC.</b>				
000001236	3025930	DIESEL ENGINE SERVICE/MAINT		850.00
000001236	3025966	DIESEL ENGINE SERVICE/MAINT		220.00
000001236	3025929	DIESEL ENGINE SERVICE/MAINT		668.66
000001236	3025985	DIESEL ENGINE SERVICE/MAINT		749.20
	7/2/2020		1	2,487.86
<b>COSTA MESA LOCK &amp; KEY</b>				
000001330	85331	LOCK REPAIR		317.06
	7/16/2020		1	317.06



## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>CPC SYSTEMS INC.</b>				
000001294	CSIV00576	SERVICE FOR WELL SITES		798.50
	7/9/2020		1	798.50
<b>DION &amp; SONS, INC</b>				
000001430	753869	GASOLINE		5,909.92
000001430	753870	DIESEL FUEL		937.55
	7/23/2020		1	6,847.47
<b>ELITE EQUIPMENT</b>				
000001460	40124	REPAIRS		937.43
	7/30/2020		1	937.43
<b>EMISSION COMPLIANT CONTROLS CORP</b>				
000001295	PSO4895	ENGINE REPAIRS		17,004.97
000001334	PSO4911	ENGINE REPAIRS		6,717.25
	7/16/2020		2	23,722.22
<b>FEDERAL EXPRESS CORPORATION</b>				
000001461	7-036-76497	SHIPPING SERVICES		538.72
	7/30/2020		1	538.72
<b>GRAINGER</b>				
000001269	9561073371	M20-099 EMERGENCY SUPPLIES		9.44
000001269	9566179660	M20-099 EMERGENCY SUPPLIES		115.21
000001339	9579743981	SAFETY TOOLS & EQUIPMENT		303.16
000001402	9582362597	SAFETY TOOLS & EQUIPMENT		157.36
000001485	9593311153	SAFETY TOOLS & EQUIPMENT		97.34
000001485	9575193512	SAFETY TOOLS & EQUIPMENT		13.18
	7/30/2020		4	695.69
<b>HACH COMPANY</b>				
000001340	11982729	WATER QUALITY SUPPLIES		3,152.02
000001486	12030647	WATER QUALITY SUPPLIES		5,377.17
	7/30/2020		2	8,529.19
<b>HASHTAG PINPOINT</b>				
000001341	1250	STRATEGIC COMMUNICATIONS		4,000.00
	7/16/2020		1	4,000.00
<b>THE HOME DEPOT COMMERCIAL ACCT</b>				
000001271	1915JUN20	TOOLS & EQUIPMENT		309.12
	7/9/2020		1	309.12

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>LEWIS CONSULTING GROUP</b>				
000001274	2020-127	GOV'T RELATIONS SERVICES		5,000.00
	7/9/2020		1	<u>5,000.00</u>
<b>MELTWATER NEWS US, INC.</b>				
000001278	IN-S151-506279	REGULAR AMERICAS LICENSE		6,000.00
	7/9/2020		1	<u>6,000.00</u>
<b>MEYERS NAVE</b>				
000001279	2020050470	E200-0001 MATTER 1893.003		3,128.93
000001406	2020060027	E200-0001 MATTER 1893.003		3,058.56
	7/23/2020		2	<u>6,187.49</u>
<b>ORANGE COUNTY HOSE CO</b>				
000001243	158370	WATER HOSE & FITTINGS		93.52
	7/2/2020		1	<u>93.52</u>
<b>PAULUS ENGINEERING INC</b>				
000001207	1150APR	M20-107 GARAGE CONVERSION		75,292.19
000001356	1150APRRET	M20-107 GARAGE CONVERSION		3,962.75
	7/16/2020		2	<u>79,254.94</u>
<b>RUTAN &amp; TUCKER, LLP</b>				
000001227	870459	SPECIAL LEGAL COUNSEL		2,310.00
	7/2/2020		1	<u>2,310.00</u>
<b>SOUTHERN CALIFORNIA GAS CO</b>				
000001247	08520813000JUN20	NATURAL GAS DISTRICT, JUN 2020		37.08
000001247	08940813002JUN20	NATURAL GAS, RES 1, JUN 2020		684.46
000001247	05200799004JUN20	NATURAL GAS, RES 2, JUN 2020		1,794.99
000001359	05060829008JUN20	NATURAL GAS, WELL 5 JUNE 2020		8,550.52
000001494	05200799004JUL20	NATURAL GAS RES 2, JUL 2020		2,171.12
000001494	08940813002JUL20	NATURAL GAS, RES 1, JUL 20		800.80
000001494	08520813000JUL20	NATURAL GAS DISTRICT JUL 20		36.98
	7/30/2020		3	<u>14,075.95</u>
<b>SIGN DEPOT</b>				
000001282	9197	SIGN-NO TRESPASSING		53.88
	7/9/2020		1	<u>53.88</u>
<b>TANGERINE PROMOTIONS, A DIVISION OF B/</b>				
000001228	58585	MESA WATER WEAR		362.72
	7/2/2020		1	<u>362.72</u>

## Accounts Paid Listing

From 7/1/2020 to 7/31/2020

Vendor Check Number	Invoice Number	Description	Check Count	Amount
<b>TYCO/ JOHNSON CONTROLS</b>				
000001286	34454574	REPLACED VIDEO CAMERA SERVER		5,616.85
000001477	34452111	TRAINING/SERVICE CALL		783.98
	7/30/2020		2	6,400.83
<b>UNITED INTERIORS</b>				
000001415	4802	M17-106 DISTRICT IMPROVEMENTS		1,610.08
	7/23/2020		1	1,610.08
<b>USA BLUEBOOK</b>				
000001289	269526	M20-099 EMERGENCY SUPPLIES		224.82
000001289	269431	M20-099 EMERGENCY SUPPLIES		30.15
000001418	277560	M20-099 EMERGENCY SUPPLIES		272.37
	7/23/2020		2	527.34
<b>VALLEY POWER</b>				
000001367	B42680	SERVICE ON WELL #5 ENGINE		117.19
000001367	B42623	WELL #5 ENGINE REPAIR		4,510.44
	7/16/2020		1	4,627.63
<b>VFS FIRE &amp; SECURITY SERVICES</b>				
000001369	7112959	FIRE SPRINKLER INSPECTION-QTR		250.00
000001369	7112192	FIRE SPRINKLER INSPECTION-QTR		250.00
	7/16/2020		1	500.00
<b>VONAGE HOLDINGS CORPORATION</b>				
000001419	1980905	TELEPHONE SERVICES		10,308.47
	7/23/2020		1	10,308.47
<b>WECK ANALYTICAL ENVIRONMENTAL SERVIC</b>				
000001421	70581	WATER QUALITY ANALYSIS		4,619.00
	7/23/2020		1	4,619.00
<b>WHITTINGHAM PUBLIC AFFAIRS ADVISORS</b>				
000001293	000757	SCAQMD CONSULTING		825.00
	7/9/2020		1	825.00
<b>TOTAL VARIOUS</b>			<b>62</b>	<b>222,959.89</b>
<b>GRAND TOTAL</b>			<b>304</b>	<b>5,435,773.11</b>



*Dedicated to  
Satisfying our Community's  
Water Needs*

## MEMORANDUM

TO: Board of Directors  
FROM: Marwan Khalifa, CPA, MBA, Chief Financial Officer  
DATE: August 25, 2020  
SUBJECT: Monthly Financial Reports

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### 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 07/31/20  
Attachment B: Monthly Treasurer's Status Report on Investments as of 06/30/20

**Mesa Water District**  
**Monthly Treasurer's Status Report on Investments**  
**As of 07/31/2020**



Investments are in compliance with the Investment Policy adopted as Resolution 1506 of the Mesa Water District Board of

<b>Investments</b>	<b>Maturity Date</b>	<b>Days to Maturity</b>	<b>YTM@Cost</b>	<b>Cost Value</b>	<b>% of Portfolio</b>	<b>Policy % Limit</b>	<b>Market Value</b>
Local Agency Investment Fund (LAIF)	Liquid	1	0.92%	1,077.37	0.00%	No Limit	1,077.37
Orange County Investment Pool (OCIP)	Liquid	1	1.16%	2,802,347.98	8.42%	No Limit	2,802,347.98
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	1,086	1.78%	10,358,000.00	32.23%	30.00%	10,720,751.43
US Agency Bonds	Various	1,192	1.22%	9,083,638.88	27.71%	No Limit	9,220,567.99
<b>Sub Total / Average</b>		<b>1,135</b>	<b>1.52%</b>	<b>19,441,638.88</b>			<b>19,941,319.42</b>
Union Bank Accounts							
Pacific Premier Bank	Liquid	1	0.45%	3,531,753.89	10.62%	No Limit	3,531,753.89
	Liquid	1	0.00%	6,980,069.99	20.98%	No Limit	6,980,069.99
<b>Total / Average</b>		<b>681</b>	<b>1.06%</b>	<b>\$ 32,770,888.11</b>	<b>100.00%</b>		<b>\$ 33,270,568.65</b>

<b>PARS OPEB &amp; Pension Trust</b>	<b>Monthly Rate of Return</b>	<b>Cost Value</b>	<b>Market Value</b>
Public Agency Retirement Services (PARS)			
Capital Appreciation HighMark PLUS Fund			
OPEB	4.24%	1,316,499.10	1,503,373.20
Pension Trust	4.26%	12,365,009.40	13,677,175.88
		<b>\$ 13,681,508.50</b>	<b>\$ 15,180,549.08</b>

**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 June 2020 Fair Value Factor of 1.004912795.

**Orange County Treasurer's Investment Pool (OCIP)**

The MY 2020 net asset value factor is estimated at 1.00, and the interest rate is the Monthly Net Yield.

**Weighted Average Return**

Mesa Water® Funds | 1.06%  
 Benchmark: 3 Month Treasury Bill - July 2020 | 0.13 %

**Weighted Average Maturity**

Years | 1.9  
 Days to Maturity | 681

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

1 Month | 5.51 %

Mesa Water District  
 Transactions Summary  
 Monthly Treasurer's Status Report - Investment Activity  
 Group By: Action  
 Portfolio / Report Group: Report Group | Treasurer's Report  
 Begin Date: 06/30/2020, End Date: 07/31/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
<b>Buy</b>								
FHLMC 0.45 7/8/2024-22	3134GV4S4	0.360	7/13/2020	7/8/2024	750,000.00	752,676.75	46.88	752,723.63
FHLMC 0.375 7/14/2023-22	3134GV5F1	0.290	7/14/2020	7/14/2023	250,000.00	250,634.25	0.00	250,634.25
Medallion Bank UT 0.6 7/15/2025	58404DHM6	0.600	7/15/2020	7/15/2025	249,000.00	249,000.00	0.00	249,000.00
Preferred Bank CA 0.25 7/17/2023	740367LV7	0.250	7/17/2020	7/17/2023	249,000.00	249,000.00	0.00	249,000.00
FHLMC 0.4 10/23/2023-21	3134GV6D5	0.323	7/23/2020	10/23/2023	250,000.00	250,624.25	0.00	250,624.25
Bankwell Bank CT 0.35 1/30/2024	06654BCM1	0.350	7/30/2020	1/30/2024	249,000.00	249,000.00	0.00	249,000.00
<b>Sub Total / Average Buy</b>					<b>1,997,000.00</b>	<b>2,000,935.25</b>	<b>46.88</b>	<b>2,000,982.13</b>
<b>Matured</b>								
Everbank FL 2 7/14/2020	29976DZD5	0.000	7/14/2020	7/14/2020	247,000.00	247,000.00	0.00	247,000.00
<b>Sub Total / Average Matured</b>					<b>247,000.00</b>	<b>247,000.00</b>	<b>0.00</b>	<b>247,000.00</b>

Mesa Water District  
Date To Date  
Interest | Received  
Report Format: By Transaction  
Group By: Asset Category  
Portfolio / Report Group: Report Group | Treasurer's Report  
Begin Date: 6/30/2020, End Date: 7/31/2020

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
<b>LAIF</b>							
	LGIP0012	6/30/2010	N/A	N/A	1,077.37	3.91	0.00
<b>Sub Total/Average</b>					<b>1,077.37</b>	<b>3.91</b>	<b>0.00</b>
<b>Orange County Investment Pool</b>							
	LGIP9LC	9/30/2011	N/A	N/A	2,802,347.98	3,384.21	0.00
<b>Sub Total/Average</b>					<b>2,802,347.98</b>	<b>3,384.21</b>	<b>0.00</b>
<b>Miscellaneous Cash ( Petty   Emergency )</b>							
	CASH	6/30/2015	N/A	N/A	14,000.00	0.00	0.00
<b>Sub Total/Average</b>					<b>14,000.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Negotiable CD</b>							
Everbank FL 2 7/14/2020	29976DZD5	7/14/2015	7/14/2020	2.000	0.00	2,463.23	0.00
Investors Bank NJ 2 8/25/2020	46176PEJ0	8/26/2015	8/25/2020	2.000	247,000.00	0.00	0.00
First Technology CU CA 1.75 6/30/2021 Wells	33715LAD2	6/30/2016	6/30/2021	1.750	247,000.00	0.00	0.00
Fargo SD 1.6 8/3/2021	9497486Z5	8/3/2016	8/3/2021	1.600	247,000.00	324.82	0.00
Privatebank and Trust IL 1.5 8/30/2021	74267GVM6	8/29/2016	8/30/2021	1.500	247,000.00	0.00	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	334.97	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	406.03	0.00
First National Bank MI 2 1/20/2022	32110YJT3	1/20/2017	1/20/2022	2.000	201,000.00	330.41	0.00
Franklin Synergy Bank TN 2 1/31/2022	35471TCV2	1/31/2017	1/31/2022	2.000	247,000.00	419.56	0.00
Synchrony Bank UT 2.3 2/24/2022	87165FPA6	2/24/2017	2/24/2022	2.300	247,000.00	0.00	0.00
Capital One Bank VA 2.3 3/1/2022	14042Y53	3/1/2017	3/1/2022	2.300	247,000.00	0.00	0.00
State Bank India NY 2.35 3/14/2022 Amercian	8562846V1	3/14/2017	3/14/2022	2.350	247,000.00	0.00	0.00
Express 2.45 4/5/2022	02587DN38	4/5/2017	4/5/2022	2.450	247,000.00	0.00	0.00
Goldman Sachs NY 3.3 1/16/2024	38148P4E4	1/16/2019	1/16/2024	3.300	245,000.00	4,031.42	0.00
Merrick Bank UT 3 7/31/2023	59013J6G9	1/30/2019	7/31/2023	3.000	249,000.00	613.97	0.00
Morgan Stanley UT 3.05 1/31/2024	61690UDV9	1/31/2019	1/31/2024	3.050	246,000.00	3,741.22	0.00
Morgan Stanley NY 3.05 1/31/2024	61760AVF3	1/31/2019	1/31/2024	3.050	246,000.00	3,741.22	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	511.64	0.00
JPMorgan Chase OH 2.1 8/31/2024-20 Sallie	48128H6D5	8/30/2019	8/31/2024	2.100	247,000.00	0.00	0.00
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	337.68	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
Enterprise Bank & Trust 1.75 11/8/2023	29367SJR6	11/8/2019	11/8/2023	1.750	249,000.00	358.15	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
Garnett State Bank 1.7 11/19/2024	36652GAW1	11/19/2019	11/19/2024	1.700	249,000.00	347.92	0.00
Citizens State Bank 1.7 11/22/2024	176688CR8	11/22/2019	11/22/2024	1.700	249,000.00	347.92	0.00
Marlin Business Bank UT 1.7 12/4/2023	57116ATG3	12/2/2019	12/4/2023	1.700	249,000.00	347.92	0.00

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
Anchor D Bank OK 1.15 4/29/2025-20	033034AN9	4/29/2020	4/29/2025	1.150	249,000.00	235.36	0.00
Enerbank UT 1.15 4/29/2024	29278TNY2	4/29/2020	4/29/2024	1.150	249,000.00	235.36	0.00
First Freedom Bank 1.1 4/30/2024	32027BAM9	4/30/2020	4/30/2024	1.100	249,000.00	225.12	0.00
Flagstar Bank MI 1.25 4/30/2025	33847E3A3	4/30/2020	4/30/2025	1.250	248,000.00	0.00	0.00
Jonesboro State Bank LA 1.25 5/6/2025	48040PGP4	5/6/2020	5/6/2025	1.250	249,000.00	255.82	0.00
Apex Bank TN 0.95 5/8/2025	03753XBK5	5/8/2020	5/8/2025	0.950	249,000.00	194.42	0.00
Bridgewater Bank MN 0.9 5/22/2025-20	108622JU6	5/22/2020	5/22/2025	0.900	249,000.00	184.19	0.00
Seattle Bank WA 0.75 6/2/2025-20	81258PKJ1	6/2/2020	6/2/2025	0.750	249,000.00	153.49	0.00
Medallion Bank UT 0.6 7/15/2025	58404DHM6	7/15/2020	7/15/2025	0.600	249,000.00	0.00	0.00
Preferred Bank CA 0.25 7/17/2023	740367LV7	7/17/2020	7/17/2023	0.250	249,000.00	0.00	0.00
Bankwell Bank CT 0.35 1/30/2024	06654BCM1	7/30/2020	1/30/2024	0.350	249,000.00	0.00	0.00
<b>Sub Total/Average</b>					<b>10,358,000.00</b>	<b>20,141.84</b>	<b>0.00</b>
<b>US Agency - No Limit</b>							
FHLB 2 11/10/2021-18	3130A9S44	11/10/2016	11/10/2021	2.000	750,000.00	0.00	0.00
FHLB 3 12/9/2022	3130AFE78	1/9/2019	12/9/2022	3.000	1,000,000.00	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
FFCB 2.125 6/5/2023	3133EKPT7	11/8/2019	6/5/2023	2.125	500,000.00	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
FAMC 2.15 6/5/2024	31422BGA2	11/8/2019	6/5/2024	2.150	500,000.00	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
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
FFCB 0.8 4/22/2024-21	3133ELXC3	4/22/2020	4/22/2024	0.800	750,000.00	0.00	0.00
FHLMC 0.85 4/29/2025-21	3134GVPK8	5/1/2020	4/29/2025	0.850	500,000.00	0.00	0.00
FHLMC 0.7 5/13/2025-21	3134GVSY5	5/13/2020	5/13/2025	0.700	500,000.00	0.00	0.00
FHLMC 0.5 5/20/2024-22	3134GVXR4	5/21/2020	5/20/2024	0.500	500,000.00	0.00	0.00
FHLMC 0.5 8/28/2023-21	3134GVXS2	5/28/2020	8/28/2023	0.500	249,000.00	0.00	0.00
FHLMC 0.45 7/8/2024-22	3134GV4S4	7/13/2020	7/8/2024	0.450	750,000.00	0.00	0.00
FHLMC 0.375 7/14/2023-22	3134GV5F1	7/14/2020	7/14/2023	0.375	250,000.00	0.00	0.00
FHLMC 0.4 10/23/2023-21	3134GV6D5	7/23/2020	10/23/2023	0.400	250,000.00	0.00	0.00
<b>Sub Total/Average</b>					<b>8,997,000.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Pacific Premier Bank</b>							
	CASH0831	5/28/2020	N/A	N/A	6,980,069.99	0.00	0.00
<b>Sub Total/Average</b>					<b>6,980,069.99</b>	<b>0.00</b>	<b>0.00</b>
<b>Union Bank Account</b>							
	MM2110	11/30/2013	N/A	N/A	3,531,753.89	0.00	0.00
<b>Sub Total/Average</b>					<b>3,531,753.89</b>	<b>0.00</b>	<b>0.00</b>
<b>Total / Average</b>					<b>32,684,249.23</b>	<b>23,529.96</b>	<b>0.00</b>



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 7/31/2020

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
<b>PARS OPEB Trust</b>					
Columbia Contrarian Fund	19766M709	Mutual Fund	4,488.91	106,480.69	128,651.64
DFA Large Cap	233203868	Mutual Fund	3,095.98	63,677.85	65,541.55
Dodge & Cox International	256206103	Mutual Fund	1,144.08	42,980.28	41,289.28
Dodge & Cox Stock Fund	256219106	Mutual Fund	545.37	94,083.62	89,872.51
Doubeline Core Fix Income	258620301	Mutual Fund	9,014.86	98,524.16	101,687.48
Harbor Capital Appreciation	411512528	Mutual Fund	734.16	50,008.61	71,206.29
Hartford Schroders	41665X859	Mutual Fund	4,945.12	73,820.62	82,286.93
iShares Russell Mid Cap	464287499	Mutual Fund	1,362.00	16,017.93	77,320.74
iShares SP500	464287408	Mutual Fund	332.00	41,591.20	37,267.00
MFS International	552746356	Mutual Fund	1,181.64	34,010.48	44,145.87
PGIM Total Return Bond	74440B884	Mutual Fund	6,858.74	100,042.32	103,223.30
Pimco Total Return Fund	693390700	Mutual Fund	9,302.70	96,806.22	102,050.66
Price T Rowe Growth	741479406	Mutual Fund	800.88	49,420.31	68,475.75
Undiscovered	904504479	Mutual Fund	942.97	56,765.41	43,254.39
US Bank PARS - OPEB Trust MM	MM4900	Money Market	53,729.16	53,729.16	53,729.16
Vanguard Growth & Income	921913208	Mutual Fund	3,393.57	242,668.04	291,916.17
Vanguard Real Estate	922908553	Mutual Fund	213.00	18,089.62	17,336.07
Vanguard Short Term	922031836	Mutual Fund	3,457.94	36,427.81	38,037.19
Victory RS	92647Q363	Mutual Fund	536.70	41,354.77	46,081.22
<b>Sub Total / Average PARS OPEB Trust</b>			<b>106,079.78</b>	<b>1,316,499.10</b>	<b>1,503,373.20</b>
<b>Total / Average</b>			<b>106,079.78</b>	<b>1,316,499.10</b>	<b>1,503,373.20</b>

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 7/31/2020

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
<b>PARS Pension Trust</b>					
Columbia Contrarian Fund	19766M709	Mutual Fund	41,213.13	1,054,828.21	1,181,168.03
DFA Large Cap	233203868	Mutual Fund	28,423.48	591,471.34	601,725.09
Dodge & Cox International	256206103	Mutual Fund	10,503.44	440,395.94	379,068.98
Dodge & Cox Stock Fund	256219106	Mutual Fund	4,982.60	927,972.72	821,081.18
Doubeline Core Fix Income	258620301	Mutual Fund	82,763.51	902,472.48	933,572.13
Harbor Capital Appreciation	411512528	Mutual Fund	6,740.20	485,746.47	653,732.30
Hartford Schroders	41665X859	Mutual Fund	45,400.32	685,039.15	755,461.48
iShares Russell Mid Cap	464287499	Mutual Fund	12,506.00	92,345.59	709,965.62
iShares SP500	464287408	Mutual Fund	3,055.00	387,092.69	342,923.75
MFS International	552746356	Mutual Fund	10,848.37	360,070.34	405,295.30
PGIM Total Return Bond	74440B884	Mutual Fund	62,648.59	909,792.41	942,861.57
Pimco Total Return Fund	693390700	Mutual Fund	85,066.87	877,125.03	933,183.52
Price T Rowe Growth	741479406	Mutual Fund	7,352.78	486,576.71	628,663.54
Undiscovered	904504479	Mutual Fund	8,645.88	532,269.40	396,586.13
US Bank PARS - Pension Trust MM	MM4901	Money Market	401,496.38	401,496.38	401,496.38
Vanguard Growth & Income	921913208	Mutual Fund	30,932.12	2,360,616.98	2,660,780.89
Vanguard Real Estate	922908553	Mutual Fund	1,950.00	158,588.80	158,710.50
Vanguard Short Term	922031836	Mutual Fund	31,621.53	332,026.98	347,836.63
Victory RS	92647Q363	Mutual Fund	4,927.34	379,081.78	423,062.86
<b>Sub Total / Average PARS Pension Trust</b>			<b>881,077.54</b>	<b>12,365,009.40</b>	<b>13,677,175.88</b>
<b>Total / Average</b>			<b>881,077.54</b>	<b>12,365,009.40</b>	<b>13,677,175.88</b>

Mesa Water District  
 Transactions Summary  
 Monthly Treasurer's Status Report - Investment Activity  
 Group By: Action  
 Portfolio / Report Group: PARS OPEB Trust  
 Begin Date: 06/30/2020, End Date: 07/31/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
<b>Buy</b>								
Pimco Total Return Fund	693390700	0.000	7/31/2020	N/A	18.78	206.00	0.00	206.00
PGIM Total Return Bond	74440B884	0.000	7/31/2020	N/A	17.08	256.99	0.00	256.99
Vanguard Short Term	922031836	0.000	7/31/2020	N/A	6.861	75.47	0.00	75.47
<b>Sub Total / Average Buy</b>					<b>42.721</b>	<b>538.46</b>	<b>0.00</b>	<b>538.46</b>
<b>Dividend</b>								
DFA Large Cap	233203868	0.000	7/1/2020	N/A	0.00	0.00	474.15	474.15
Doubeline Core Fix Income	258620301	0.000	7/2/2020	N/A	0.00	0.00	256.36	256.36
Pimco Total Return Fund	693390700	0.000	7/31/2020	N/A	0.00	0.00	206.00	206.00
PGIM Total Return Bond	74440B884	0.000	7/31/2020	N/A	0.00	0.00	256.99	256.99
Vanguard Short Term	922031836	0.000	7/31/2020	N/A	0.00	0.00	75.47	75.47
<b>Sub Total / Average Dividend</b>					<b>0.00</b>	<b>0.00</b>	<b>1,268.97</b>	<b>1,268.97</b>

Mesa Water District  
 Transactions Summary  
 Monthly Treasurer's Status Report - Investment Activity  
 Group By: Action  
 Portfolio / Report Group: PARS Pension Trust  
 Begin Date: 06/30/2020, End Date: 07/31/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
<b>Dividend</b>								
DFA Large Cap	233203868	0.000	7/1/2020	N/A	0.00	0.00	4,353.06	4,353.06
Doubeline Core Fix Income	258620301	0.000	7/2/2020	N/A	0.00	0.00	2,353.58	2,353.58
Pimco Total Return Fund	693390700	0.000	7/31/2020	N/A	0.00	0.00	1,887.56	1,887.56
PGIM Total Return Bond	74440B884	0.000	7/31/2020	N/A	0.00	0.00	2,353.18	2,353.18
Vanguard Short Term	922031836	0.000	7/31/2020	N/A	0.00	0.00	691.32	691.32
<b>Sub Total / Average Dividend</b>					<b>0.00</b>	<b>0.00</b>	<b>11,638.70</b>	<b>11,638.70</b>

**Mesa Water District**  
**Quarterly Treasurer's Report on Investments**  
**As of 06/30/2020**



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	1.22%	1,073.46	0.00%	No Limit	1,073.46	24.68	1,4
Orange County Investment Pool (OCIP)	Liquid	1	1.22%	2,798,963.77	8.05%	No Limit	2,798,963.77	109,082.82	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	1067	1.88%	9,858,000.00	29.35%	30.00%	10,206,159.87	166,096.70	
US Agency	Various	1204	1.36%	7,829,703.63	22.91%	No Limit	7,966,676.71	289,910.35	
<b>Sub Total / Average</b>		<b>1,127</b>	<b>1.65%</b>	<b>17,687,703.63</b>			<b>18,172,836.58</b>	<b>456,007.05</b>	
Union Bank Accounts	Liquid	1	0.45%	3,494,193.36	10.05%	No Limit	3,494,193.36	0.00	1,3
Pacific Premier Bank	Liquid	1	0.00%	10,291,403.53	29.60%	No Limit	10,291,403.53	0.00	
<b>Total   Average</b>		<b>590</b>	<b>1.01%</b>	<b>\$34,287,337.75</b>	<b>100.00%</b>		<b>\$34,772,470.70</b>	<b>\$565,114.55</b>	

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	2.51%	16.76%	1,314,207.06	1,408,000.62
Pension Trust	2.52%	16.76%	12,437,339.22	12,926,338.42
			<b>\$ 13,751,546.28</b>	<b>\$ 14,334,339.04</b>

**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 | 1.01 %**

Benchmark: 3 Month Treasury Bill - June | .16 %

**Weighted Average Maturity | 1.6 Years**

Days to Maturity | 590

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

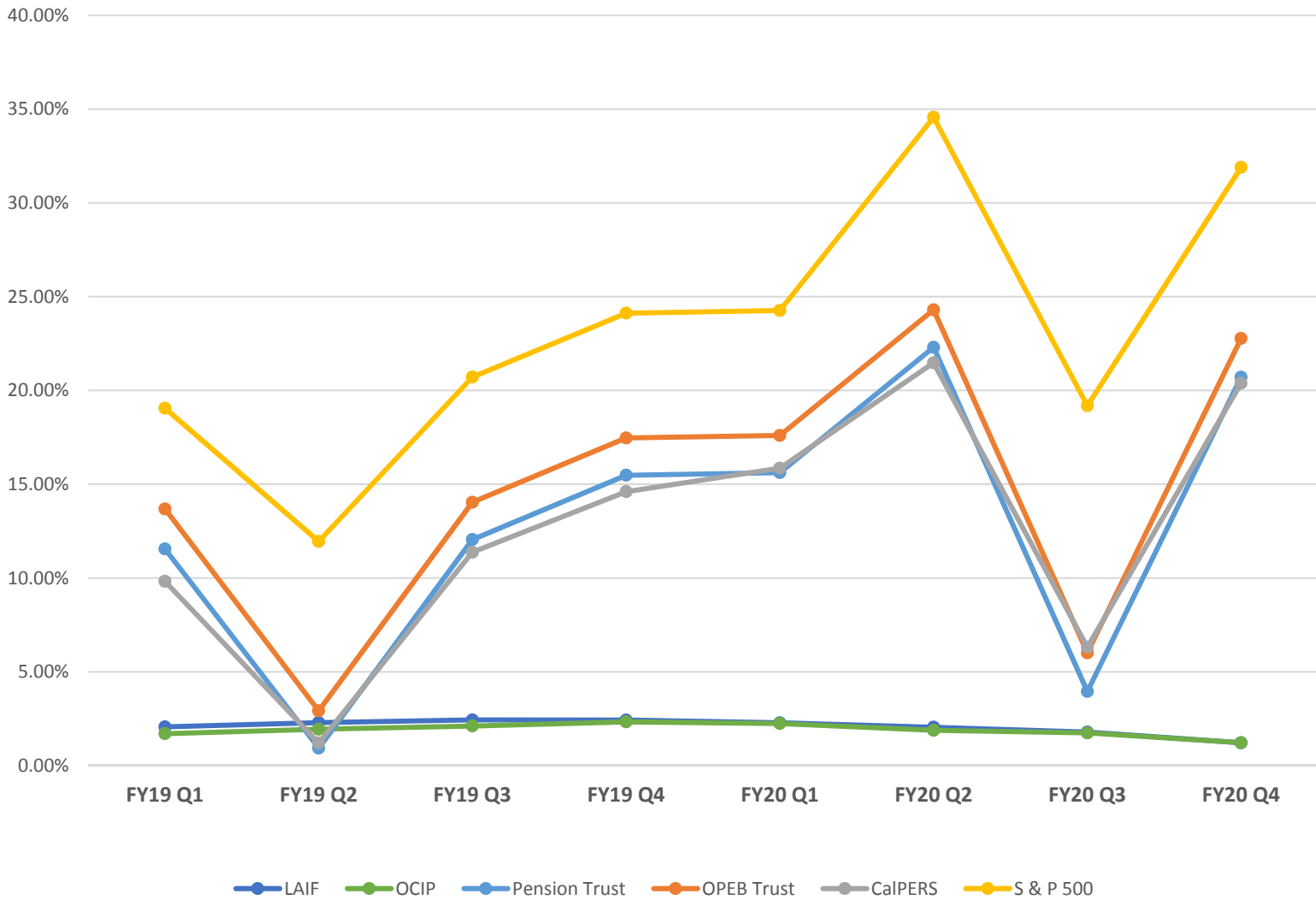
1 Month | 4.74 %    3 Month | 12.71 %    1 YEAR | 4.81 %

**Notes**

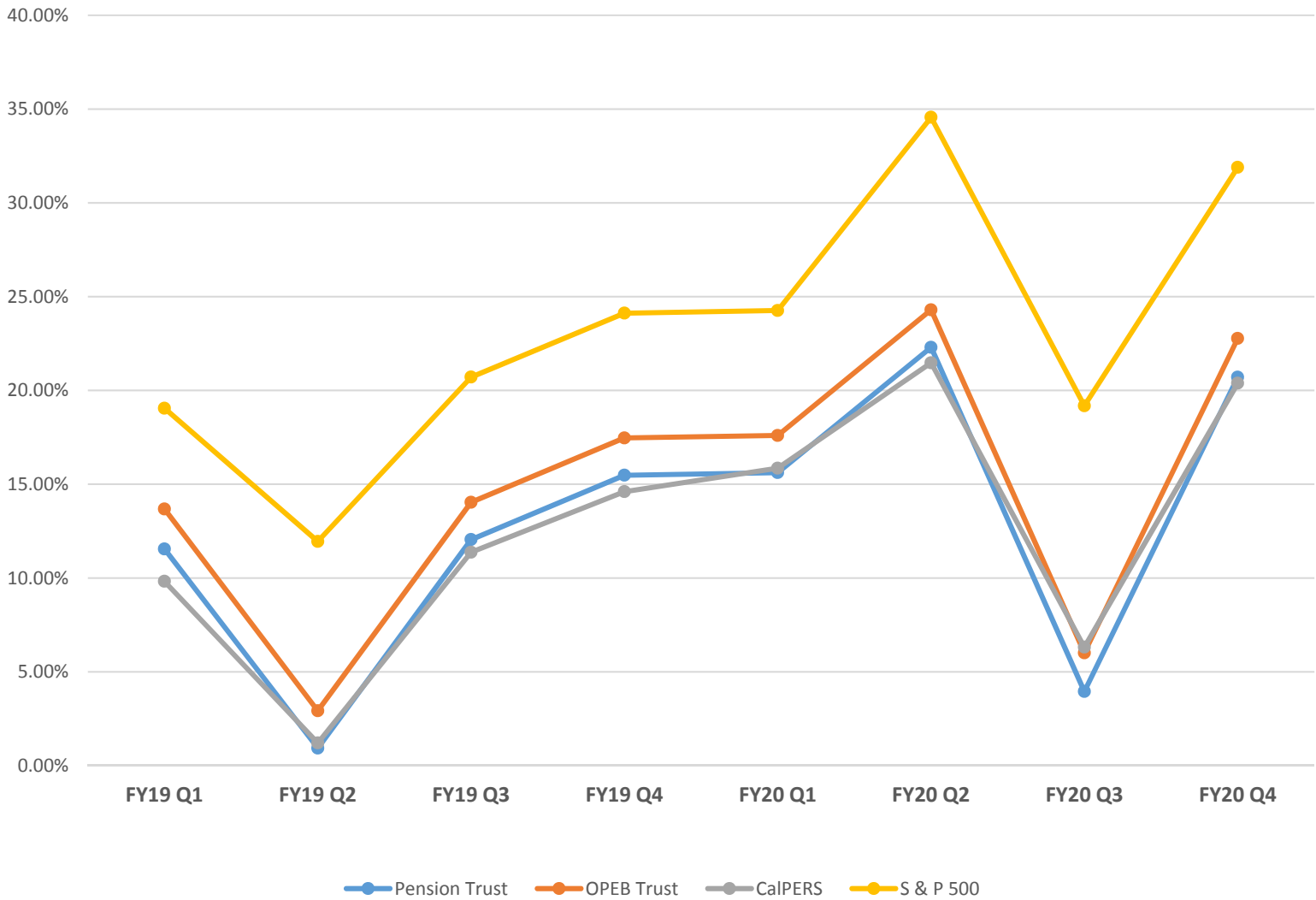
1. The interest or yield shown is for the current month net of fees.
2. The interest rate (Yield to Maturity @Cost) shown is the guaranteed annual interest rate for the term of the investment.
3. The rate shown is the Earnings Credit Rate. These earnings are applied against bank service charges; no actual monies are received.
4. 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.
5. 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.
6. Orange County Investment Pool - June 2020 | Net Asset Value is 1.00.

\* LAIF June Fair Value Factor not available at reporting deadline.

Cumulative Quarterly Return on Investments



Cumulative Quarterly Return on Investments



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: 03/31/2020, End Date: 06/30/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
<b>Buy</b>								
FFCB 0.8 4/22/2024-21	3133ELXC3	0.720	4/22/2020	4/22/2024	750,000.00	752,361.75	0.00	752,361.75
Anchor D Bank OK 1.15 4/29/2025-20	033034AN9	1.150	4/29/2020	4/29/2025	249,000.00	249,000.00	0.00	249,000.00
Enerbank UT 1.15 4/29/2024	29278TNY2	1.150	4/29/2020	4/29/2024	249,000.00	249,000.00	0.00	249,000.00
Flagstar Bank MI 1.25 4/30/2025	33847E3A3	1.250	4/30/2020	4/30/2025	248,000.00	248,000.00	0.00	248,000.00
First Freedom Bank 1.1 4/30/2024	32027BAM9	1.100	4/30/2020	4/30/2024	249,000.00	249,000.00	0.00	249,000.00
FHLMC 0.85 4/29/2025-21	3134GVPK8	0.753	5/1/2020	4/29/2025	500,000.00	502,375.00	23.61	502,398.61
Jonesboro State Bank LA 1.25 5/6/2025	48040PGP4	1.250	5/6/2020	5/6/2025	249,000.00	249,000.00	0.00	249,000.00
Apex Bank TN 0.95 5/8/2025	03753XBK5	0.950	5/8/2020	5/8/2025	249,000.00	249,000.00	0.00	249,000.00
FHLMC 0.7 5/13/2025-21	3134GVSYS	0.635	5/13/2020	5/13/2025	500,000.00	501,600.00	0.00	501,600.00
FHLMC 0.5 5/20/2024-22	3134GVXR4	0.409	5/21/2020	5/20/2024	500,000.00	501,793.25	6.94	501,800.19
Bridgewater Bank MN 0.9 5/22/2025-20	108622JU6	0.900	5/22/2020	5/22/2025	249,000.00	249,000.00	0.00	249,000.00
FHLMC 0.5 8/28/2023-21	3134GVXS2	0.407	5/28/2020	8/28/2023	249,000.00	249,745.88	0.00	249,745.88
Seattle Bank WA 0.75 6/2/2025-20	81258PKJ1	0.750	6/2/2020	6/2/2025	249,000.00	249,000.00	0.00	249,000.00
<b>Sub Total / Average Buy</b>					<b>4,490,000.00</b>	<b>4,498,875.88</b>	<b>30.55</b>	<b>4,498,906.43</b>
<b>Called</b>								
Parkside Financial Bank MO 1.85 10/23/2024-20	70147ADG6	0.000	4/23/2020	10/23/2024	249,000.00	249,000.00	0.00	249,000.00
FNMA 1.6 7/28/2021-16	3136G3J30	0.000	4/28/2020	7/28/2021	1,000,000.00	1,000,000.00	4,000.00	1,004,000.00
FNMA 1.6 7/28/2021-16	3136G3J30	0.000	4/28/2020	7/28/2021	2,000,000.00	2,000,000.00	8,000.00	2,008,000.00
FNMA 1.625 8/10/2021-16	3136G3N76	0.000	5/10/2020	8/10/2021	1,000,000.00	1,000,000.00	4,062.50	1,004,062.50
FHLMC 1.65 11/22/2021-17	3134GAUB8	0.000	5/22/2020	11/22/2021	975,000.00	975,000.00	0.00	975,000.00
FHLB 1.68 8/25/2021-16	3134G93Q8	0.000	5/25/2020	8/25/2021	1,000,000.00	1,000,000.00	4,200.00	1,004,200.00
HSBC Bank VA 1.5 12/21/2020-19	40434YCS4	0.000	6/21/2020	12/21/2020	57,000.00	57,000.00	0.00	57,000.00
HSBC Bank VA 1.5 12/21/2020-19	40434YCS4	0.000	6/21/2020	12/21/2020	140,000.00	140,000.00	0.00	140,000.00
<b>Sub Total / Average Called</b>					<b>6,421,000.00</b>	<b>6,421,000.00</b>	<b>20,262.50</b>	<b>6,441,262.50</b>
<b>Matured</b>								
FNMA 1.35 4/27/2020-17	3136G4FP3	0.000	4/27/2020	4/27/2020	150,000.00	150,000.00	0.00	150,000.00
Washington TR County 1.45 5/18/2020	940637HX2	0.000	5/18/2020	5/18/2020	247,000.00	247,000.00	0.00	247,000.00
BMW Bank UT 2.1 6/26/2020	05580ACB8	0.000	6/26/2020	6/26/2020	247,000.00	247,000.00	0.00	247,000.00
<b>Sub Total / Average Matured</b>					<b>644,000.00</b>	<b>644,000.00</b>	<b>0.00</b>	<b>644,000.00</b>



Mesa Water District  
Date To Date  
Interest | Received  
Report Format: By Transaction  
Group By: Asset Category  
Portfolio / Report Group: Report Group | Treasurer's Report  
Begin Date: 6/30/2019, End Date: 6/30/2020

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
<b>LAIF   Policy - No Limit</b>							
	LGIP0012	6/30/2010	N/A	N/A	1,073.46	24.68	0.00
<b>Sub Total/Average</b>					<b>1,073.46</b>	<b>24.68</b>	<b>0.00</b>
<b>Orange County LGIP - OCIP   Policy - No Limit</b>							
	LGIP9LC	9/30/2011	N/A	N/A	2,798,963.77	109,082.82	0.00
<b>Sub Total/Average</b>					<b>2,798,963.77</b>	<b>109,082.82</b>	<b>0.00</b>
<b>Miscellaneous Cash ( Petty   Emergency )</b>							
	CASH	6/30/2015	N/A	N/A	14,000.00	0.00	0.00
<b>Sub Total/Average</b>					<b>14,000.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Union Bank   Negotiable CD 30 %</b>							
BMW Bank UT 2.1 6/26/2020	05580ACB8	6/29/2015	6/26/2020	2.100	0.00	5,201.22	0.00
Everbank FL 2 7/14/2020	29976DZD5	7/14/2015	7/14/2020	2.000	247,000.00	4,940.00	0.00
Investors Bank NJ 2 8/25/2020	46176PEJ0	8/26/2015	8/25/2020	2.000	247,000.00	4,940.00	0.00
Orrstown Bank PA 2 8/28/2020-19	687377DS7	8/28/2015	8/28/2020	2.000	0.00	1,245.15	0.00
First Technology CU CA 1.75 6/30/2021	33715LAD2	6/30/2016	6/30/2021	1.750	247,000.00	4,346.18	0.00
Wells Fargo SD 1.6 8/3/2021	9497486Z5	8/3/2016	8/3/2021	1.600	247,000.00	3,962.82	0.00
Privatebank and Trust IL 1.5 8/30/2021	74267GVM6	8/29/2016	8/30/2021	1.500	247,000.00	3,699.92	0.00
Mercantil Commerce Bank FL 1.65 9/28/2021	58733ADJ5	9/28/2016	9/28/2021	1.650	247,000.00	4,086.67	0.00
HSBC Bank VA 1.5 12/21/2020-19	40434YCS4	10/27/2016	12/21/2020	1.500	0.00	2,105.76	0.00
HSBC Bank VA 1.5 12/21/2020-19	40434YCS4	10/27/2016	12/21/2020	1.500	0.00	857.34	0.00
Countryside Federal CU NY 1.65 10/28/2021	22239MAL2	10/28/2016	10/28/2021	1.650	247,000.00	4,086.67	0.00
Beneficial Mutual Savings PA 1.55 11/16/2021	08173QBU9	11/16/2016	11/16/2021	1.550	247,000.00	3,838.99	0.00
Washington TR County 1.45 5/18/2020	940637HX2	11/18/2016	5/18/2020	1.450	0.00	3,591.31	0.00
Bank of Baroda 1.85 11/23/2021	06062QXG4	11/23/2016	11/23/2021	1.850	247,000.00	4,582.02	0.00
Business Bank MO 2 1/20/2022	12325EHH8	1/20/2017	1/20/2022	2.000	247,000.00	4,953.53	0.00
First National Bank MI 2 1/20/2022	32110YJT3	1/20/2017	1/20/2022	2.000	201,000.00	4,030.98	0.00
Texas Exchange Bank TX 2.1 1/24/2022-19	88241TAZ3	1/23/2017	1/24/2022	2.100	0.00	1,307.41	0.00
Franklin Synergy Bank TN 2 1/31/2022	35471TCV2	1/31/2017	1/31/2022	2.000	247,000.00	4,953.53	0.00
Synchrony Bank UT 2.3 2/24/2022	87165FPA6	2/24/2017	5 2/24/2022	2.300	247,000.00	5,681.00	0.00

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
Capital One Bank VA 2.3 3/1/2022	140420Y53	3/1/2017	3/1/2022	2.300	247,000.00	5,696.57	0.00
State Bank India NY 2.35 3/14/2022	8562846V1	3/14/2017	3/14/2022	2.350	247,000.00	5,820.40	0.00
Amercian Express 2.45 4/5/2022	02587DN38	4/5/2017	4/5/2022	2.450	247,000.00	6,068.08	0.00
Goldman Sachs NY 3.3 1/16/2024	38148P4E4	1/16/2019	1/16/2024	3.300	245,000.00	8,085.00	0.00
Merrick Bank UT 3 7/31/2023	59013J6G9	1/30/2019	7/31/2023	3.000	249,000.00	7,490.47	0.00
Morgan Stanley UT 3.05 1/31/2024	61690UDV9	1/31/2019	1/31/2024	3.050	246,000.00	7,503.00	0.00
Morgan Stanley NY 3.05 1/31/2024	61760AVF3	1/31/2019	1/31/2024	3.050	246,000.00	7,503.00	0.00
Capital One VA 2.65 5/22/2024	14042RLP4	5/22/2019	5/22/2024	2.650	246,000.00	6,536.86	0.00
Eaglebank MD 2.5 5/24/2024	27002YEN2	5/24/2019	5/24/2024	2.500	249,000.00	6,242.05	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	2,483.19	0.00
Sallie Mae Bank UT 1.9 10/16/2024	7954504P7	10/17/2019	10/16/2024	1.900	247,000.00	2,352.93	0.00
Celtic Bank UT 1.65 10/23/2024	15118RSV0	10/23/2019	10/23/2024	1.650	249,000.00	2,746.49	0.00
First Keystone Community Bank PA 1.9 10/23/2023-20	32065RAF2	10/23/2019	10/23/2023	1.900	0.00	1,970.17	0.00
Parkside Financial Bank MO 1.85 10/23/2024-20	70147ADG6	10/23/2019	10/23/2024	1.850	0.00	2,309.58	0.00
Ally Bank UT 1.85 10/24/2022	02007GML4	10/24/2019	10/24/2022	1.850	247,000.00	2,291.01	0.00
Enterprise Bank & Trust 1.75 11/8/2023	29367SJR6	11/8/2019	11/8/2023	1.750	249,000.00	2,542.87	0.00
Raymond James Bank 1.75 11/8/2023	75472RAH4	11/8/2019	11/8/2023	1.750	247,000.00	2,155.33	0.00
Third Federal Savings 1.75 11/13/2023	88413QCJ5	11/12/2019	11/13/2023	1.750	247,000.00	2,155.33	0.00
Garnett State Bank 1.7 11/19/2024	366526AW1	11/19/2019	11/19/2024	1.700	249,000.00	2,470.24	0.00
Citizens State Bank 1.7 11/22/2024	176688CR8	11/22/2019	11/22/2024	1.700	249,000.00	2,470.24	0.00
Marlin Business Bank UT 1.7 12/4/2023	57116ATG3	12/2/2019	12/4/2023	1.700	249,000.00	2,122.32	0.00
Anchor D Bank OK 1.15 4/29/2025-20	033034AN9	4/29/2020	4/29/2025	1.150	249,000.00	478.56	0.00
Enerbank UT 1.15 4/29/2024	29278TNY2	4/29/2020	4/29/2024	1.150	249,000.00	478.56	0.00
First Freedom Bank 1.1 4/30/2024	32027BAM9	4/30/2020	4/30/2024	1.100	249,000.00	457.75	0.00
Flagstar Bank MI 1.25 4/30/2025	33847E3A3	4/30/2020	4/30/2025	1.250	248,000.00	0.00	0.00
Jonesboro State Bank LA 1.25 5/6/2025	48040PGP4	5/6/2020	5/6/2025	1.250	249,000.00	264.35	0.00
Apex Bank TN 0.95 5/8/2025	03753XBK5	5/8/2020	5/8/2025	0.950	249,000.00	200.91	0.00
Bridgewater Bank MN 0.9 5/22/2025-20	108622JU6	5/22/2020	5/22/2025	0.900	249,000.00	190.33	0.00
<b>Sub Total/Average</b>					<b>9,609,000.00</b>	<b>166,096.70</b>	<b>0.00</b>

**Union Bank - US Agency - No Limit**

FHLB 1.4 12/13/2019-13	313381HA6	9/9/2015	12/13/2019	1.400	0.00	1,400.00	0.00
FHLB 1.43 10/29/2019-13	3133813H6	5/4/2016	10/29/2019	1.430	0.00	1,787.50	0.00
FFCB 1.625 12/1/2020-16	3133EGCP8	6/15/2016	12/1/2020	1.625	0.00	5,687.50	3,128.13
FFCB 1.42 1/12/2021-16	3133EGLH6	7/12/2016	1/12/2021	1.420	0.00	21,300.00	6,981.67
FNMA 1.6 7/28/2021-16	3136G3J30	7/28/2016	7/28/2021	1.600	0.00	16,000.00	4,000.00
FNMA 1.6 7/28/2021-16	3136G3J30	7/28/2016	7/28/2021	1.600	0.00	32,000.00	8,000.00
FNMA 1.625 8/10/2021-16	3136G3N76	8/10/2016	8/10/2021	1.625	0.00	24,375.00	8,034.72
FHLMC 1.3 8/23/2019-16	3134G93S4	8/23/2016	8/23/2019	1.300	0.00	6,500.00	0.00

Description	CUSIP/Ticker	Settlement Date	Maturity Date	Coupon Rate	Ending Face Amount/Shares	Interest/Dividends	Sell Accrued Interest
FHLB 1.68 8/25/2021-16	3134G93Q8	8/25/2016	8/25/2021	1.680	0.00	16,800.00	4,200.00
FHLB 2 11/10/2021-18	3130A9S44	11/10/2016	11/10/2021	2.000	750,000.00	15,000.00	0.00
FNMA 1.35 4/27/2020-17	3136G4FP3	11/17/2016	4/27/2020	1.350	0.00	2,025.00	0.00
FFCB 1.58 2/17/2021-16	3133EGAZ8	11/18/2016	2/17/2021	1.580	0.00	15,800.00	1,053.33
FHLMC 1.65 11/22/2021-17	3134GAUB8	11/22/2016	11/22/2021	1.650	0.00	16,087.50	0.00
FHLB 3 12/9/2022	3130AFE78	1/9/2019	12/9/2022	3.000	1,000,000.00	30,000.00	0.00
FAMC 3.05 9/19/2023	3132X06C0	1/9/2019	9/19/2023	3.050	500,000.00	15,250.00	0.00
FNMA 1 10/24/2019	3135G0R39	1/9/2019	10/24/2019	1.000	0.00	5,000.00	0.00
FFCB 2.125 6/5/2023	3133EKPT7	11/8/2019	6/5/2023	2.125	500,000.00	10,625.00	0.00
FNMA 1.375 9/6/2022	3135G0W33	11/8/2019	9/6/2022	1.375	500,000.00	3,437.50	0.00
FAMC 2.15 6/5/2024	31422BGA2	11/8/2019	6/5/2024	2.150	500,000.00	10,750.00	0.00
FNMA 1.875 4/5/2022	3135G0T45	3/23/2020	4/5/2022	1.875	500,000.00	4,687.50	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
FFCB 0.8 4/22/2024-21	3133ELXC3	4/22/2020	4/22/2024	0.800	750,000.00	0.00	0.00
FHLMC 0.85 4/29/2025-21	3134GVPK8	5/1/2020	4/29/2025	0.850	500,000.00	0.00	0.00
FHLMC 0.7 5/13/2025-21	3134GVSY5	5/13/2020	5/13/2025	0.700	500,000.00	0.00	0.00
FHLMC 0.5 5/20/2024-22	3134GVXR4	5/21/2020	5/20/2024	0.500	500,000.00	0.00	0.00
FHLMC 0.5 8/28/2023-21	3134GVXS2	5/28/2020	8/28/2023	0.500	249,000.00	0.00	0.00
<b>Sub Total/Average</b>					<b>7,747,000.00</b>	<b>254,512.50</b>	<b>35,397.85</b>
<b>Union Bank Accounts   Policy - No Limit</b>							
Union Bank MM	MM2110	11/30/2013	N/A	N/A	3,494,193.36	0.00	0.00
Seattle Bank WA 0.75 6/2/2025-20	81258PKJ1	6/2/2020	6/2/2025	0.750	249,000.00	0.00	0.00
<b>Sub Total/Average</b>					<b>3,743,193.36</b>	<b>0.00</b>	<b>0.00</b>
<b>Pacific Premier Bank   Policy - n/a</b>							
Pacific Premier Bank   Checking MM	CASH0831	5/28/2020	N/A	N/A	10,291,403.53	0.00	0.00
<b>Sub Total/Average</b>					<b>10,291,403.53</b>	<b>0.00</b>	<b>0.00</b>
<b>Total / Average</b>					<b>34,204,634.12</b>	<b>529,716.70</b>	<b>35,397.85</b>

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 6/30/2020

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
<b>PARS OPEB Trust</b>					
Columbia Contrarian Fund	19766M709	Mutual Fund	4,488.91	106,480.69	121,424.52
DFA Large Cap	233203868	Mutual Fund	3,095.98	63,677.85	64,148.34
Dodge & Cox International	256206103	Mutual Fund	1,144.08	42,980.28	40,682.93
Dodge & Cox Stock Fund	256219106	Mutual Fund	545.37	94,083.62	87,641.91
Doubeline Core Fix Income	258620301	Mutual Fund	9,014.86	98,524.16	100,154.95
Harbor Capital Appreciation	411512528	Mutual Fund	734.16	50,008.61	65,832.21
Hartford Schroders	41665X859	Mutual Fund	4,945.12	73,820.62	75,165.96
iShares Russell Mid Cap	464287499	Mutual Fund	1,362.00	16,017.93	73,003.20
iShares SP500	464287408	Mutual Fund	332.00	41,591.20	35,925.72
MFS International	552746356	Mutual Fund	1,181.64	34,010.48	41,735.38
PGIM Total Return Bond	74440B884	Mutual Fund	6,841.66	99,785.33	100,708.52
Pimco Total Return Fund	693390700	Mutual Fund	9,283.92	96,600.22	100,544.91
Price T Rowe Growth	741479406	Mutual Fund	800.88	49,420.31	64,110.93
Undiscovered	904504479	Mutual Fund	942.97	56,765.41	42,396.30
US Bank PARS - OPEB Trust MM	MM4900	Money Market	53,590.94	53,590.94	53,590.94
Vanguard Growth & Income	921913208	Mutual Fund	3,393.57	242,668.04	276,339.62
Vanguard Real Estate	922908553	Mutual Fund	213.00	18,089.62	16,726.89
Vanguard Short Term	922031836	Mutual Fund	3,451.08	36,352.34	37,754.67
Victory RS	92647Q363	Mutual Fund	536.70	41,354.77	44,932.69
<b>Sub Total / Average PARS OPEB Trust</b>			<b>105,898.84</b>	<b>1,315,822.42</b>	<b>1,442,820.59</b>
<b>Total / Average</b>			<b>105,898.84</b>	<b>1,315,822.42</b>	<b>1,442,820.59</b>

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 6/30/2020

Description	CUSIP/Ticker	Security Type	Face Amount/Shares	Cost Value	Market Value
<b>PARS Pension Trust</b>					
Columbia Contrarian Fund	19766M709	Mutual Fund	41,213.13	1,054,828.21	1,114,814.91
DFA Large Cap	233203868	Mutual Fund	28,423.48	591,471.34	588,934.46
Dodge & Cox International	256206103	Mutual Fund	10,503.44	440,395.94	373,502.23
Dodge & Cox Stock Fund	256219106	Mutual Fund	4,982.60	927,972.72	800,702.35
Doubline Core Fix Income	258620301	Mutual Fund	82,763.51	902,472.48	919,502.34
Harbor Capital Appreciation	411512528	Mutual Fund	6,740.20	485,746.47	604,394.03
Hartford Schroders	41665X859	Mutual Fund	45,400.32	685,039.15	690,085.04
iShares Russell Mid Cap	464287499	Mutual Fund	12,506.00	92,345.59	670,321.60
iShares SP500	464287408	Mutual Fund	3,055.00	387,092.69	330,581.55
MFS International	552746356	Mutual Fund	10,848.37	360,070.34	383,164.62
PGIM Total Return Bond	74440B884	Mutual Fund	62,648.59	909,792.41	922,187.53
Pimco Total Return Fund	693390700	Mutual Fund	85,066.87	877,125.03	921,274.17
Price T Rowe Growth	741479406	Mutual Fund	7,352.78	486,576.71	588,590.81
Undiscovered	904504479	Mutual Fund	8,645.88	532,269.40	388,718.39
US Bank PARS - Pension Trust MM	MM4901	Money Market	461,609.30	461,609.30	461,609.30
Vanguard Growth & Income	921913208	Mutual Fund	30,932.12	2,360,616.98	2,518,802.49
Vanguard Real Estate	922908553	Mutual Fund	1,950.00	158,588.80	153,133.50
Vanguard Short Term	922031836	Mutual Fund	31,621.53	332,026.98	345,939.33
Victory RS	92647Q363	Mutual Fund	4,927.34	379,081.78	412,518.31
<b>Sub Total / Average PARS Pension Trust</b>			<b>941,190.46</b>	<b>12,425,122.32</b>	<b>13,188,776.96</b>
<b>Total / Average</b>			<b>941,190.46</b>	<b>12,425,122.32</b>	<b>13,188,776.96</b>

Mesa Water District  
Transactions Summary  
Quarterly Treasurer's Status Report - Investment Activity  
Group By: Action  
Portfolio / Report Group: PARS OPEB Trust  
Begin Date: 03/31/2020, End Date: 06/30/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total	
<b>Buy</b>									
Vanguard Growth & Income	921913208	0.000	4/13/2020	N/A	370.529	26,766.99	0.00	26,766.99	
Columbia Contrarian Fund	19766M709	0.000	4/13/2020	N/A	310.76	7,470.67	0.00	7,470.67	
Pimco Total Return Fund	693390700	0.000	4/13/2020	N/A	519.286	5,494.05	0.00	5,494.05	
PGIM Total Return Bond	74440B884	0.000	4/13/2020	N/A	387.139	5,497.37	0.00	5,497.37	
Price T Rowe Growth	741479406	0.000	4/13/2020	N/A	104.015	6,881.63	0.00	6,881.63	
Vanguard Short Term	922031836	0.000	4/13/2020	N/A	297.788	3,171.44	0.00	3,171.44	
Doubline Core Fix Income	258620301	0.000	4/13/2020	N/A	778.912	8,357.73	0.00	8,357.73	
Harbor Capital Appreciation	411512528	0.000	4/13/2020	N/A	109.41	7,717.75	0.00	7,717.75	
Pimco Total Return Fund	693390700	0.000	4/30/2020	N/A	17.735	189.05	0.00	189.05	
PGIM Total Return Bond	74440B884	0.000	4/30/2020	N/A	17.583	250.74	0.00	250.74	
Vanguard Short Term	922031836	0.000	4/30/2020	N/A	6.615	70.98	0.00	70.98	
Hartford Schroders	41665X859	0.000	5/4/2020	N/A	33.253	444.92	0.00	444.92	
iShares SP500	464287408	0.000	5/4/2020	N/A	7.00	717.32	0.00	717.32	
DFA Large Cap	233203868	0.000	5/4/2020	N/A	21.091	394.19	0.00	394.19	
Undiscovered	904504479	0.000	5/4/2020	N/A	36.862	1,473.76	0.00	1,473.76	
Dodge & Cox Stock Fund	256219106	0.000	5/4/2020	N/A	7.421	1,099.97	0.00	1,099.97	
Columbia Contrarian Fund	19766M709	0.000	5/4/2020	N/A	632.41	15,690.08	0.00	15,690.08	
Pimco Total Return Fund	693390700	0.000	5/4/2020	N/A	45.284	482.27	0.00	482.27	
Dodge & Cox International	256206103	0.000	5/4/2020	N/A	1.042	32.81	0.00	32.81	
PGIM Total Return Bond	74440B884	0.000	5/4/2020	N/A	25.237	359.12	0.00	359.12	
Vanguard Short Term	922031836	0.000	5/4/2020	N/A	3.437	36.84	0.00	36.84	
Doubline Core Fix Income	258620301	0.000	5/4/2020	N/A	33.278	359.73	0.00	359.73	
Pimco Total Return Fund	693390700	0.000	5/31/2020	N/A	18.077	194.15	0.00	194.15	
PGIM Total Return Bond	74440B884	0.000	5/31/2020	N/A	18.487	268.24	0.00	268.24	
Vanguard Short Term	922031836	0.000	5/31/2020	N/A	6.937	75.27	0.00	75.27	
iShares SP500	464287408	0.000	6/15/2020	N/A	9.00	980.52	0.00	980.52	
Vanguard Growth & Income	921913208	0.000	6/15/2020	N/A	41.094	3,323.25	0.00	3,323.25	
Dodge & Cox Stock Fund	256219106	0.000	6/15/2020	N/A	1.061	173.15	0.00	173.15	
Columbia Contrarian Fund	19766M709	0.000	6/15/2020	N/A	94.973	2,534.83	0.00	2,534.83	
Pimco Total Return Fund	693390700	0.000	6/15/2020	N/A	512.20	5,521.52	0.00	5,521.52	
PGIM Total Return Bond	74440B884	0.000	6/15/2020	N/A	275.19	4,034.28	0.00	4,034.28	
MFS International	552746356	0.000	6/15/2020	10	N/A	18.691	645.58	0.00	645.58

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Vanguard Short Term	922031836	0.000	6/15/2020	N/A	175.284	1,910.60	0.00	1,910.60
Doubeline Core Fix Income	258620301	0.000	6/15/2020	N/A	408.576	4,528.61	0.00	4,528.61
Dodge & Cox Stock Fund	256219106	0.000	6/25/2020	N/A	2.67	428.74	0.00	428.74
Vanguard Growth & Income	921913208	0.000	6/26/2020	N/A	24.498	1,934.87	0.00	1,934.87
Undiscovered	904504479	0.000	6/26/2020	N/A	1.246	53.17	0.00	53.17
Pimco Total Return Fund	693390700	0.000	6/30/2020	N/A	18.189	196.99	0.00	196.99
PGIM Total Return Bond	74440B884	0.000	6/30/2020	N/A	17.766	261.52	0.00	261.52
Vanguard Short Term	922031836	0.000	6/30/2020	N/A	6.765	74.01	0.00	74.01
<b>Sub Total / Average Buy</b>					<b>5,416.791</b>	<b>120,098.71</b>	<b>0.00</b>	<b>120,098.71</b>

#### Dividend

DFA Large Cap	233203868	0.000	4/1/2020	N/A	0.00	0.00	281.78	281.78
Doubeline Core Fix Income	258620301	0.000	4/1/2020	N/A	0.00	0.00	256.73	256.73
Pimco Total Return Fund	693390700	0.000	4/30/2020	N/A	0.00	0.00	189.05	189.05
PGIM Total Return Bond	74440B884	0.000	4/30/2020	N/A	0.00	0.00	250.74	250.74
Vanguard Short Term	922031836	0.000	4/30/2020	N/A	0.00	0.00	70.98	70.98
Doubeline Core Fix Income	258620301	0.000	5/1/2020	N/A	0.00	0.00	244.38	244.38
Pimco Total Return Fund	693390700	0.000	5/31/2020	N/A	0.00	0.00	194.15	194.15
PGIM Total Return Bond	74440B884	0.000	5/31/2020	N/A	0.00	0.00	268.24	268.24
Vanguard Short Term	922031836	0.000	5/31/2020	N/A	0.00	0.00	75.27	75.27
Doubeline Core Fix Income	258620301	0.000	6/1/2020	N/A	0.00	0.00	227.14	227.14
iShares SP500	464287408	0.000	6/19/2020	N/A	0.00	0.00	202.96	202.96
iShares Russell Mid Cap	464287499	0.000	6/19/2020	N/A	0.00	0.00	227.61	227.61
Dodge & Cox Stock Fund	256219106	0.000	6/25/2020	N/A	0.00	0.00	428.74	428.74
Vanguard Growth & Income	921913208	0.000	6/26/2020	N/A	0.00	0.00	1,934.87	1,934.87
Vanguard Real Estate	922908553	0.000	6/30/2020	N/A	0.00	0.00	161.58	161.58
Pimco Total Return Fund	693390700	0.000	6/30/2020	N/A	0.00	0.00	196.99	196.99
PGIM Total Return Bond	74440B884	0.000	6/30/2020	N/A	0.00	0.00	261.52	261.52
Vanguard Short Term	922031836	0.000	6/30/2020	N/A	0.00	0.00	74.01	74.01
<b>Sub Total / Average Dividend</b>					<b>0.00</b>	<b>0.00</b>	<b>5,546.74</b>	<b>5,546.74</b>

#### Sell

Hartford Schroders	41665X859	0.000	4/13/2020	N/A	31.179	414.68	0.00	414.68
iShares SP500	464287408	0.000	4/13/2020	N/A	7.00	717.91	0.00	717.91
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	2.00	151.80	0.00	151.80
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	3.00	227.70	0.00	227.70
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	6.00	455.41	0.00	455.41
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	11.00	834.92	0.00	834.92
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	53.00	4,022.79	0.00	4,022.79
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	245.00	18,595.90	0.00	18,595.90
DFA Large Cap	233203868	0.000	4/13/2020	N/A	108.689	2,012.92	0.00	2,012.92

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Undiscovered	904504479	0.000	4/13/2020	N/A	329.929	13,114.68	0.00	13,114.68
Dodge & Cox Stock Fund	256219106	0.000	4/13/2020	N/A	145.862	21,168.95	0.00	21,168.95
Dodge & Cox International	256206103	0.000	4/13/2020	N/A	37.297	1,160.31	0.00	1,160.31
MFS International	552746356	0.000	4/13/2020	N/A	4.716	145.91	0.00	145.91
Victory RS	92647Q363	0.000	4/13/2020	N/A	186.855	12,104.47	0.00	12,104.47
iShares Russell Mid Cap	464287499	0.000	4/13/2020	N/A	7.00	322.10	0.00	322.10
iShares Russell Mid Cap	464287499	0.000	4/13/2020	N/A	38.00	1,748.52	0.00	1,748.52
Vanguard Growth & Income	921913208	0.000	5/4/2020	N/A	17.584	1,312.47	0.00	1,312.47
Vanguard Real Estate	922908553	0.000	5/4/2020	N/A	35.00	2,539.43	0.00	2,539.43
Vanguard Real Estate	922908553	0.000	5/4/2020	N/A	163.00	11,826.48	0.00	11,826.48
MFS International	552746356	0.000	5/4/2020	N/A	15.985	508.48	0.00	508.48
Price T Rowe Growth	741479406	0.000	5/4/2020	N/A	28.39	1,992.41	0.00	1,992.41
Victory RS	92647Q363	0.000	5/4/2020	N/A	23.318	1,641.12	0.00	1,641.12
Harbor Capital Appreciation	411512528	0.000	5/4/2020	N/A	39.584	2,998.88	0.00	2,998.88
iShares Russell Mid Cap	464287499	0.000	5/4/2020	N/A	11.00	521.79	0.00	521.79
Hartford Schroders	41665X859	0.000	6/15/2020	N/A	117.093	1,743.51	0.00	1,743.51
Vanguard Real Estate	922908553	0.000	6/15/2020	N/A	6.00	487.21	0.00	487.21
DFA Large Cap	233203868	0.000	6/15/2020	N/A	32.04	664.83	0.00	664.83
Undiscovered	904504479	0.000	6/15/2020	N/A	18.401	842.40	0.00	842.40
Dodge & Cox International	256206103	0.000	6/15/2020	N/A	26.914	953.56	0.00	953.56
Price T Rowe Growth	741479406	0.000	6/15/2020	N/A	14.957	1,166.05	0.00	1,166.05
Victory RS	92647Q363	0.000	6/15/2020	N/A	22.935	1,860.95	0.00	1,860.95
Harbor Capital Appreciation	411512528	0.000	6/15/2020	N/A	26.002	2,226.29	0.00	2,226.29
iShares Russell Mid Cap	464287499	0.000	6/15/2020	N/A	3.00	159.92	0.00	159.92
iShares Russell Mid Cap	464287499	0.000	6/15/2020	N/A	14.00	746.29	0.00	746.29
iShares Russell Mid Cap	464287499	0.000	6/15/2020	N/A	15.00	799.60	0.00	799.60
<b>Sub Total / Average Sell</b>					<b>1,846.73</b>	<b>112,190.64</b>	<b>0.00</b>	<b>112,190.64</b>



Mesa Water District  
Transactions Summary  
Quarterly Treasurer's Status Report - Investment Activity  
Group By: Action  
Portfolio / Report Group: PARS Pension Trust  
Begin Date: 03/31/2020, End Date: 06/30/2020

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
<b>Buy</b>								
Vanguard Growth & Income	921913208	0.000	4/13/2020	N/A	3,406.769	246,105.01	0.00	246,105.01
Columbia Contrarian Fund	19766M709	0.000	4/13/2020	N/A	2,861.642	68,793.88	0.00	68,793.88
Pimco Total Return Fund	693390700	0.000	4/13/2020	N/A	4,992.183	52,817.30	0.00	52,817.30
PGIM Total Return Bond	74440B884	0.000	4/13/2020	N/A	3,741.194	53,124.95	0.00	53,124.95
Price T Rowe Growth	741479406	0.000	4/13/2020	N/A	957.308	63,335.48	0.00	63,335.48
Vanguard Short Term	922031836	0.000	4/13/2020	N/A	2,813.406	29,962.77	0.00	29,962.77
Doubeline Core Fix Income	258620301	0.000	4/13/2020	N/A	7,177.095	77,010.23	0.00	77,010.23
Harbor Capital Appreciation	411512528	0.000	4/13/2020	N/A	1,010.105	71,252.80	0.00	71,252.80
Hartford Schroders	41665X859	0.000	5/4/2020	N/A	100.132	1,339.77	0.00	1,339.77
iShares SP500	464287408	0.000	5/4/2020	N/A	45.00	4,611.31	0.00	4,611.31
DFA Large Cap	233203868	0.000	5/4/2020	N/A	67.103	1,254.15	0.00	1,254.15
Undiscovered	904504479	0.000	5/4/2020	N/A	301.785	12,065.35	0.00	12,065.35
Dodge & Cox Stock Fund	256219106	0.000	5/4/2020	N/A	46.656	6,915.28	0.00	6,915.28
Columbia Contrarian Fund	19766M709	0.000	5/4/2020	N/A	5,678.736	140,889.43	0.00	140,889.43
Pimco Total Return Fund	693390700	0.000	5/4/2020	N/A	226.677	2,414.11	0.00	2,414.11
PGIM Total Return Bond	74440B884	0.000	5/4/2020	N/A	130.304	1,854.23	0.00	1,854.23
iShares SP500	464287408	0.000	6/15/2020	N/A	77.00	8,385.17	0.00	8,385.17
Vanguard Growth & Income	921913208	0.000	6/15/2020	N/A	242.42	19,604.68	0.00	19,604.68
Columbia Contrarian Fund	19766M709	0.000	6/15/2020	N/A	693.36	18,505.88	0.00	18,505.88
Pimco Total Return Fund	693390700	0.000	6/15/2020	N/A	4,511.43	48,633.17	0.00	48,633.17
PGIM Total Return Bond	74440B884	0.000	6/15/2020	N/A	2,429.63	35,618.34	0.00	35,618.34
MFS International	552746356	0.000	6/15/2020	N/A	124.07	4,285.42	0.00	4,285.42
Vanguard Short Term	922031836	0.000	6/15/2020	N/A	1,539.65	16,782.16	0.00	16,782.16
Doubeline Core Fix Income	258620301	0.000	6/15/2020	N/A	3,399.47	37,679.36	0.00	37,679.36
<b>Sub Total / Average Buy</b>					<b>46,573.125</b>	<b>1,023,240.23</b>	<b>0.00</b>	<b>1,023,240.23</b>
<b>Dividend</b>								
DFA Large Cap	233203868	0.000	4/1/2020	N/A	0.00	0.00	2,610.74	2,610.74
Doubeline Core Fix Income	258620301	0.000	4/1/2020	N/A	0.00	0.00	2,379.24	2,379.24
Pimco Total Return Fund	693390700	0.000	4/30/2020	N/A	0.00	0.00	1,749.22	1,749.22
PGIM Total Return Bond	74440B884	0.000	4/30/2020	N/A	0.00	0.00	2,319.68	2,319.68
Vanguard Short Term	922031836	0.000	4/30/2020	N/A	0.00	0.00	656.98	656.98

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Doubeline Core Fix Income	258620301	0.000	5/1/2020	N/A	0.00	0.00	2,263.54	2,263.54
Pimco Total Return Fund	693390700	0.000	5/31/2020	N/A	0.00	0.00	1,791.07	1,791.07
PGIM Total Return Bond	74440B884	0.000	5/31/2020	N/A	0.00	0.00	2,474.41	2,474.41
Vanguard Short Term	922031836	0.000	5/31/2020	N/A	0.00	0.00	694.04	694.04
Doubeline Core Fix Income	258620301	0.000	6/1/2020	N/A	0.00	0.00	2,094.59	2,094.59
iShares SP500	464287408	0.000	6/19/2020	N/A	0.00	0.00	1,871.29	1,871.29
iShares Russell Mid Cap	464287499	0.000	6/19/2020	N/A	0.00	0.00	2,097.77	2,097.77
Dodge & Cox Stock Fund	256219106	0.000	6/26/2020	N/A	0.00	0.00	3,936.25	3,936.25
Vanguard Growth & Income	921913208	0.000	6/29/2020	N/A	0.00	0.00	17,764.32	17,764.32
Vanguard Real Estate	922908553	0.000	6/30/2020	N/A	0.00	0.00	1,479.27	1,479.27
Pimco Total Return Fund	693390700	0.000	6/30/2020	N/A	0.00	0.00	1,810.62	1,810.62
PGIM Total Return Bond	74440B884	0.000	6/30/2020	N/A	0.00	0.00	2,402.96	2,402.96
Vanguard Short Term	922031836	0.000	6/30/2020	N/A	0.00	0.00	679.82	679.82
<b>Sub Total / Average Dividend</b>					<b>0.00</b>	<b>0.00</b>	<b>51,075.81</b>	<b>51,075.81</b>

**Sell**

Hartford Schroders	41665X859	0.000	4/13/2020	N/A	332.126	4,417.28	0.00	4,417.28
iShares SP500	464287408	0.000	4/13/2020	N/A	54.00	5,538.26	0.00	5,538.26
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	33.00	2,504.75	0.00	2,504.75
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	33.00	2,504.77	0.00	2,504.77
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	58.00	4,402.29	0.00	4,402.29
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	113.00	8,576.88	0.00	8,576.88
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	175.00	13,282.78	0.00	13,282.78
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	545.00	41,366.38	0.00	41,366.38
Vanguard Real Estate	922908553	0.000	4/13/2020	N/A	1,994.00	151,347.82	0.00	151,347.82
DFA Large Cap	233203868	0.000	4/13/2020	N/A	1,014.942	18,796.73	0.00	18,796.73
Undiscovered	904504479	0.000	4/13/2020	N/A	3,062.049	121,716.45	0.00	121,716.45
Dodge & Cox Stock Fund	256219106	0.000	4/13/2020	N/A	1,227.122	178,092.22	0.00	178,092.22
Dodge & Cox International	256206103	0.000	4/13/2020	N/A	350.346	10,899.26	0.00	10,899.26
MFS International	552746356	0.000	4/13/2020	N/A	49.405	1,528.59	0.00	1,528.59
Victory RS	92647Q363	0.000	4/13/2020	N/A	1,734.475	112,359.29	0.00	112,359.29
iShares Russell Mid Cap	464287499	0.000	4/13/2020	N/A	384.00	17,669.37	0.00	17,669.37
Vanguard Growth & Income	921913208	0.000	5/4/2020	N/A	298.589	22,286.67	0.00	22,286.67
Vanguard Real Estate	922908553	0.000	5/4/2020	N/A	153.00	11,100.93	0.00	11,100.93
Vanguard Real Estate	922908553	0.000	5/4/2020	N/A	1,695.00	122,980.88	0.00	122,980.88
Dodge & Cox International	256206103	0.000	5/4/2020	N/A	38.303	1,205.78	0.00	1,205.78
MFS International	552746356	0.000	5/4/2020	N/A	195.568	6,221.02	0.00	6,221.02
Price T Rowe Growth	741479406	0.000	5/4/2020	N/A	296.286	20,793.35	0.00	20,793.35
Vanguard Short Term	922031836	0.000	5/4/2020	N/A	39.847	427.16	0.00	427.16
Victory RS	92647Q363	0.000	5/4/2020	N/A	238.848	16,810.12	0.00	16,810.12

Description	CUSIP/Ticker	YTM @ Cost	Settlement Date	Maturity Date	Face Amount/Shares	Principal	Interest/Dividends	Total
Doubeline Core Fix Income	258620301	0.000	5/4/2020	N/A	43.735	472.78	0.00	472.78
Harbor Capital Appreciation	411512528	0.000	5/4/2020	N/A	397.735	30,132.40	0.00	30,132.40
iShares Russell Mid Cap	464287499	0.000	5/4/2020	N/A	6.00	284.61	0.00	284.61
iShares Russell Mid Cap	464287499	0.000	5/4/2020	N/A	37.00	1,755.11	0.00	1,755.11
iShares Russell Mid Cap	464287499	0.000	5/4/2020	N/A	145.00	6,878.13	0.00	6,878.13
Hartford Schroders	41665X859	0.000	6/15/2020	N/A	1,280.79	19,070.91	0.00	19,070.91
Vanguard Real Estate	922908553	0.000	6/15/2020	N/A	62.00	5,038.35	0.00	5,038.35
DFA Large Cap	233203868	0.000	6/15/2020	N/A	421.50	8,746.16	0.00	8,746.16
Undiscovered	904504479	0.000	6/15/2020	N/A	207.74	9,510.19	0.00	9,510.19
Dodge & Cox Stock Fund	256219106	0.000	6/15/2020	N/A	12.33	2,011.68	0.00	2,011.68
Dodge & Cox International	256206103	0.000	6/15/2020	N/A	294.83	10,445.64	0.00	10,445.64
Price T Rowe Growth	741479406	0.000	6/15/2020	N/A	170.66	13,304.65	0.00	13,304.65
Victory RS	92647Q363	0.000	6/15/2020	N/A	233.44	18,941.08	0.00	18,941.08
Harbor Capital Appreciation	411512528	0.000	6/15/2020	N/A	269.78	23,098.56	0.00	23,098.56
iShares Russell Mid Cap	464287499	0.000	6/15/2020	N/A	342.00	18,240.47	0.00	18,240.47
<b>Sub Total / Average Sell</b>					<b>18,039.446</b>	<b>1,064,759.75</b>	<b>0.00</b>	<b>1,064,759.75</b>



## MONTHLY COMMITTEE

### Major Staff Projects

Title	Comments	Status
Human Resource Information System/Payroll System	Human Resource Information System/Payroll System	In Process
Invoice Cloud	Invoice Cloud (New Billing System)	In Process



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## MEMORANDUM

TO: Board of Directors  
FROM: Stacy Taylor, Water Policy Manager  
DATE: August 25, 2020  
SUBJECT: State Advocacy Update

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### RECOMMENDATION

Receive and file the State Advocacy Update.

### STRATEGIC PLAN

Goal #7: Actively participate in regional water issues.

### PRIOR BOARD ACTION/DISCUSSION

This item is provided at the monthly Board of Directors Committee meeting.

### DISCUSSION

An updated State Advocacy report will be provided at the August 25, 2020 meeting.

### FINANCIAL IMPACT

In Fiscal Year 2021, \$175,000 is budgeted for Support Services; \$31,440 has been spent to date.

### ATTACHMENTS

None.



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## MEMORANDUM

TO: Board of Directors  
FROM: Stacy Taylor, Water Policy Manager  
DATE: August 25, 2020  
SUBJECT: Orange County Update

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### RECOMMENDATION

Receive and file the Orange County Update.

### STRATEGIC PLAN

Goal #7: Actively participate in regional water issues.

### PRIOR BOARD ACTION/DISCUSSION

This item is provided at the monthly Board of Directors Committee meeting.

### DISCUSSION

Mesa Water District's (Mesa Water®) government relations program includes monitoring local and regional political issues and policy-setting authorities (i.e., County of Orange, Orange County Local Agency Formation Commission, etc.). An updated Orange County report will be provided at the August 25, 2020 meeting.

### FINANCIAL IMPACT

In Fiscal Year 2021, \$175,000 is budgeted for Support Services; \$31,440 has been spent to date.

### ATTACHMENTS

None.



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## MEMORANDUM

TO: Board of Directors  
FROM: Celeste Carrillo, Public Affairs Coordinator  
DATE: August 25, 2020  
SUBJECT: Outreach Update

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### RECOMMENDATION

Receive and file the Outreach Update.

### STRATEGIC PLAN

Goal #4: Increase public awareness about Mesa Water® and about water.  
Goal #6: Provide outstanding customer service.  
Goal #7: Actively participate in regional water issues.

### PRIOR BOARD ACTION/DISCUSSION

This item is provided at the monthly Board of Directors Committee meeting.

### DISCUSSION

Mesa Water District's (Mesa Water®) outreach program aims to connect Mesa Water with its constituents in order to achieve Goal #4 of the Board of Directors' (Board) Strategic Plan. Outreach activities are also designed to achieve the Strategic Plan goals related to customer service and/or regional water issues involvement by educating and informing the District's constituents about Mesa Water, water issues, and water in general. Mesa Water's constituents include external audiences, such as customers, community members, elected officials, industry colleagues, media, water districts and special districts – as well as internal audiences, such as staff, retirees and Board members.

### Upcoming Fiscal Year 2021 Events

- **Mesa Water Video Contest:**

Tuesday, September 1 - Saturday, October 31, 2020

The benefits of Mesa Water's outreach program include:

- Informing constituents about Southern California's perpetual drought, the historical drought facing California, and the importance of developing local and cost-effective sources of safe, reliable water for Mesa Water's service area and the region at large;
- Educating constituents about the importance of water and water stewardship, in order to sustain Southern California's population, quality of life, business, and economy;
- Educating constituents about Mesa Water's stewardship of ratepayer funds and financial responsibility to fund, invest in, and save for the current and future provision of safe and reliable water for the District's service area;



- Informing constituents of the District's infrastructure improvements to ensure water quality and water reliability for its service area;
- Learning from constituents and evolving as a well-informed Board of Directors;
- Promoting water use efficiency to Mesa Water's customers and community members to help them save water, money, and the environment;
- Ensuring, for public health and safety reasons, that Mesa Water customers and community members identify the District as their water provider and as the source of information about water in emergency situations;
- Supporting Mesa Water's service area as an actively involved participant in programs that provide added value and benefits to the community;
- Informing the media of Mesa Water's activities that benefit the District's customers and community;
- Empowering Mesa Water's Board and staff with information that will help them provide the best possible service to the District's customers and community members; and,
- Strengthening Mesa Water's industry relations to provide opportunities for improving the District's business and operations -- including the areas of financial and human resources strength, infrastructure and technological innovation, and setting/supporting policies that have a positive impact on Mesa Water's service area -- so that the District can continue to provide safe, high-quality, reliable, and affordable water to its customers.

#### FINANCIAL IMPACT

In Fiscal Year 2021, \$595,330 is budgeted for the District's Public Affairs department expenses; \$63,060 has been spent to date.

#### ATTACHMENTS

None.





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# MEMORANDUM

TO: Board of Directors  
FROM: Marwan Khalifa, CPA, MBA, Chief Financial Officer  
DATE: August 25, 2020  
SUBJECT: Fiscal Year 2020 Fourth Quarter Financial Update

## RECOMMENDATION

Receive and file the Fiscal Year 2020 Fourth Quarter Financial Update.

## STRATEGIC PLAN

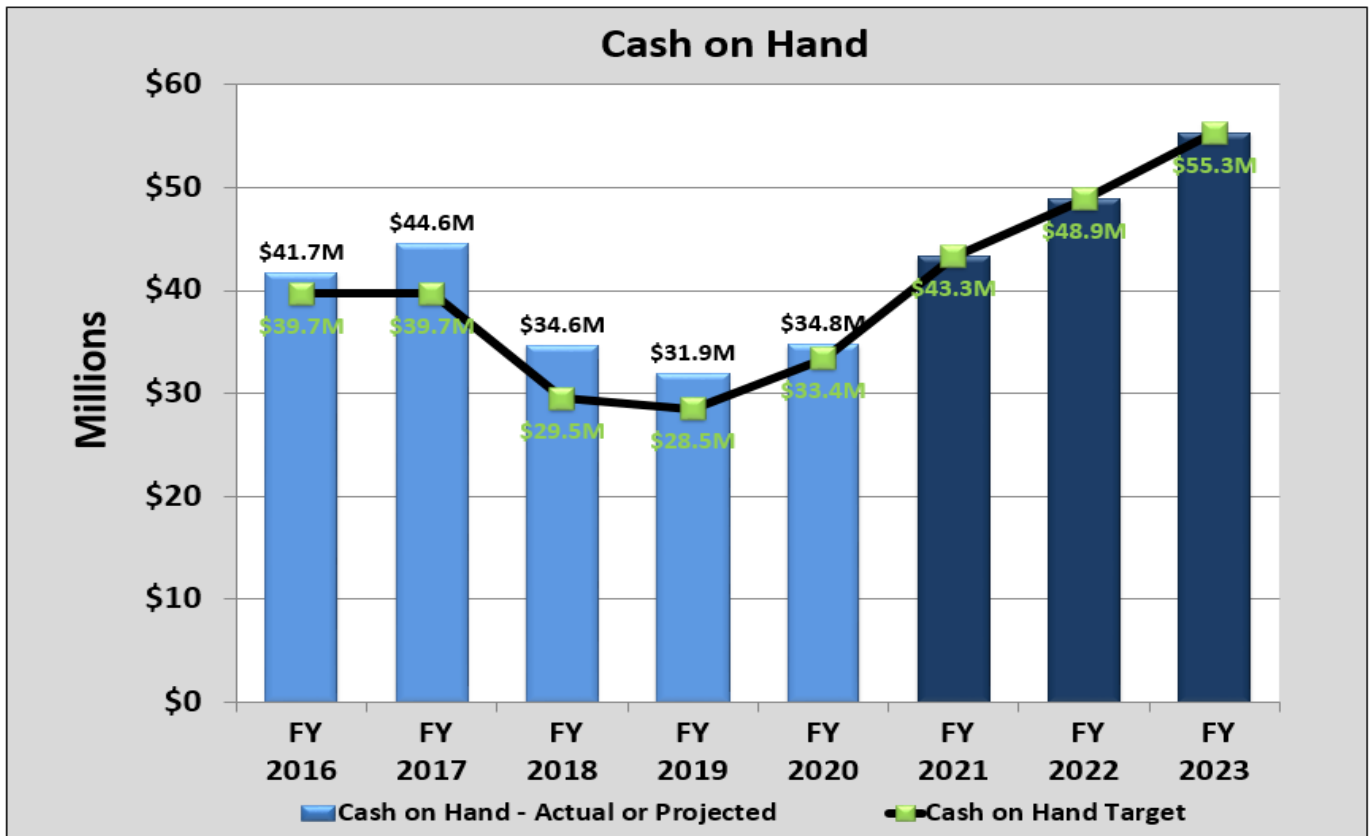
- Goal #1: Provide a safe, abundant, and reliable water supply.
- Goal #2: Practice perpetual infrastructure renewal and improvement.
- Goal #3: Be financially responsible and transparent.

## PRIOR BOARD ACTION/DISCUSSION

At its May 14, 2020 meeting, the Board of Directors (Board) approved the Fiscal Year (FY) 2021 Budget.

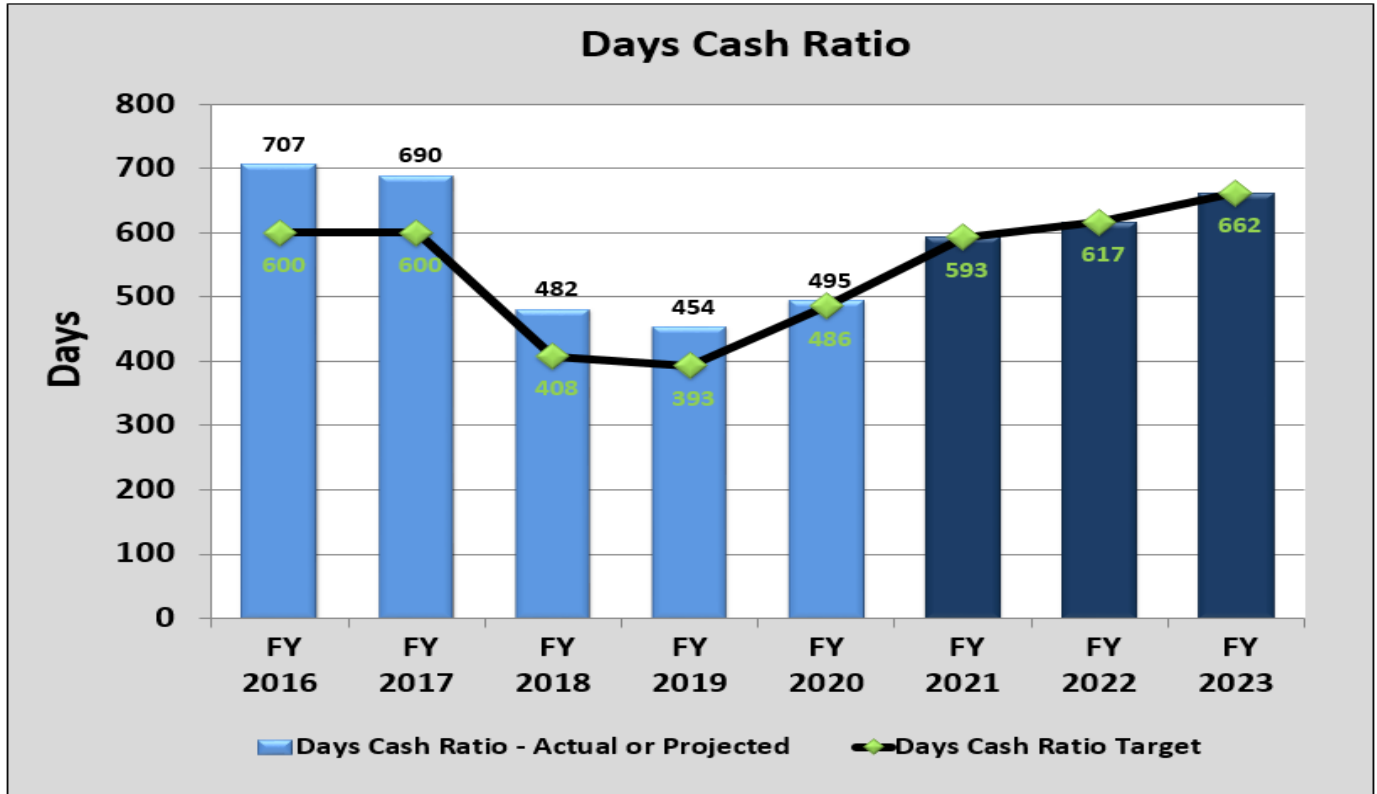
## DISCUSSION

Through the fourth quarter of FY 2020, Cash on Hand totaled \$34,772,470. As a result, Cash on Hand of \$34,772,470 is above the forecasted year-end cash balance of \$33,409,220.





Additionally, 495 Days Cash is above the forecasted Days Cash estimate of 486 days at year end by 9 days.



The Current Debt Coverage ratio is projected to be 240%, which exceeds both the requirement for the 2017 Revenue Certificates of Participation (COPs) and the Designated Funds Policy. The Debt Coverage ratio goal of the Board is 130% and was established in the Designated Funds Policy.

Water production is below budget through the fourth quarter by approximately 9.2% and corresponds with a similar decrease in water revenue through the fourth quarter of FY 2020.

The mix of water production between clear and basin managed water has varied which is depicted in the table below:

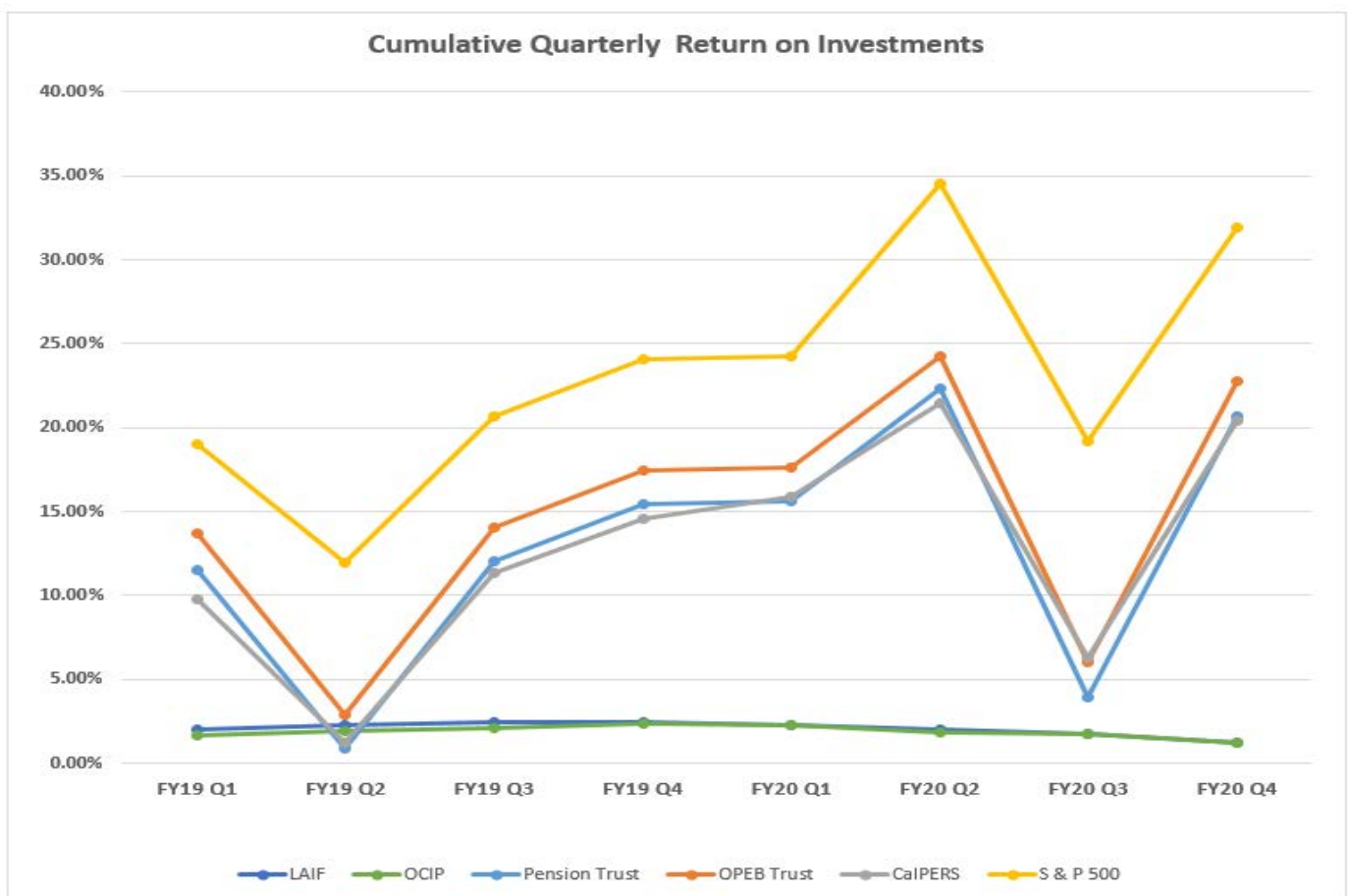
	Acre Feet		
	Budgeted	Actual	Variance
Clear Water	11,161	11,364	(203)
Amber Water	4,087	3,885	202
Basin Managed (CPTP) Water	2,500	328	2,172
In-Lieu Water	-	541	(541)
<b>Total</b>	<b>17,748</b>	<b>16,118</b>	<b>1,630</b>



Clear and amber water costs have a combined favorable variance of \$102,821 due to production pumping being about equal to budgeted. The total cost of potable water (including CPTP offset) is \$1,399,279 favorable to budget.

Total operating revenues year-to-date have an unfavorable balance of \$4,220,618 or approximately 10.3%. This is a result of water consumption being lower than expected. Additionally, operating expenses through the fourth quarter have a favorable balance of \$2,175,585 or approximately 7.8%. This is predominately a result of lower than budgeted water costs due to a decrease in water consumption. As a result, operating income through June 30, 2020 has an unfavorable balance of \$2,357,207 or approximately 29.3%.

The OPEB & Pension Trust balance at the end of the fourth quarter was \$1,442,823 and \$13,188,800 respectively. This OPEB and Pension Trust had a favorable increase of \$205,555 and \$1,724,195 respectively or approximately 16.76% before fees. The increase is depicted in the graph below.



Investment earnings through the end of FY 2020 was \$1,255,743 which resulted in a favorable balance of \$790,743.



In addition, non-operating revenue, net of expenses, through the fourth quarter of FY 2020 has an unfavorable balance of \$1,028,643 mostly due to the early termination of the AAA lease.

Overall, the Change in Net Position has an unfavorable balance of \$3,941,217 or approximately 39.1% through June 30, 2020.

#### ATTACHMENTS

Attachment A: Statement of Revenues, Expenses, and Changes in Net Position for the Twelve Months Ended 6/30/2020



## Statement of Revenues, Expenses, and Changes in Net Position For the Twelve Months Ended 6/30/2020

	FY2020 YTD BUDGET	FY2020 YTD ACTUAL	Variance
<b>OPERATING REVENUES:</b>			
Water consumption sales	\$ 30,234,388	\$ 27,119,904	\$ (3,114,484)
Monthly meter service charge	7,902,531	7,870,740	(31,791)
Recycled water sales	1,428,907	925,827	(503,080)
Concession from governmental agencies (CPTP)	1,129,200	474,873	(654,327)
Other charges and services	398,600	481,664	83,064
<b>TOTAL OPERATING REVENUES</b>	<b>41,093,626</b>	<b>36,873,008</b>	<b>(4,220,618)</b>
<b>OPERATING EXPENSES:</b>			
Imported sources of supply	428,000	507,007	(79,007)
Basin managed water	2,100,000	724,535	1,375,465
Clear water cost	6,871,455	6,730,007	141,448
Amber water cost	3,131,338	3,169,965	(38,627)
Recycled water	1,045,602	861,521	184,081
Transmission and distribution	5,431,780	5,177,608	254,172
General and administrative	8,796,636	8,458,583	338,053
<b>TOTAL OPERATING EXPENSES</b>	<b>27,804,811</b>	<b>25,629,226</b>	<b>2,175,585</b>
<b>OPERATING INCOME BEFORE DEPRECIATION AND AMORTIZATION:</b>	<b>13,288,815</b>	<b>11,243,782</b>	<b>(2,045,033)</b>
Depreciation and amortization	(5,250,000)	(5,562,174)	(312,174)
<b>OPERATING INCOME (LOSS)</b>	<b>8,038,815</b>	<b>5,681,608</b>	<b>(2,357,207)</b>
<b>NONOPERATING REVENUES / (EXPENSES):</b>			
Bond issuance costs	-	-	-
Investment earnings	465,000	1,255,743	790,743
Interest expense - long term debt	(812,639)	(812,645)	(6)
Gain (Loss) on sale/disposition of capital assets, net	-	-	-
Impairment of capital assets & termination of lease	(30,000)	(2,000,908)	(1,970,908)
Other non-operating, net	(35,000)	116,528	151,528
<b>NONOPERATING REVENUES / (EXPENSES)</b>	<b>(412,639)</b>	<b>(1,441,282)</b>	<b>(1,028,643)</b>
<b>INCOME BEFORE CAPITAL CONTRIBUTIONS</b>	<b>7,626,176</b>	<b>4,240,326</b>	<b>(3,385,850)</b>
<b>CAPITAL CONTRIBUTIONS:</b>			
Capacity and installation charges	1,210,000	864,840	(345,160)
Capital Grant (includes LRP)	700,798	584,091	(116,707)
Developers and others	550,000	456,500	(93,500)
<b>TOTAL CAPITAL CONTRIBUTIONS</b>	<b>2,460,798</b>	<b>1,905,431</b>	<b>(555,367)</b>
<b>CHANGE IN NET POSITION</b>	<b>\$ 10,086,974</b>	<b>\$ 6,145,757</b>	<b>\$ (3,941,217)</b>



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## MEMORANDUM

TO: Board of Directors  
FROM: Phil Lauri, P.E., Assistant General Manager  
DATE: August 25, 2020  
SUBJECT: Mainline Valve Spacing Policy

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### RECOMMENDATION

Recommend that the Board of Directors adopt Resolution No. XXXX Establishing a Mainline Valve Spacing Policy.

### STRATEGIC PLAN

Goal #2: Practice perpetual infrastructure renewal and improvement.  
Goal #6: Provide outstanding customer service.

### PRIOR BOARD ACTION/DISCUSSION

None.

### BACKGROUND

Mesa Water District (Mesa Water®) has 5,400 total valves and 4,400 mainline valves throughout its distribution system. Mainline valves are traditionally installed along mainlines to facilitate maintenance and repair activities. The District's valves are of varying age as they were progressively installed over the last several decades as the City of Costa Mesa was developed and built out.

To maintain the mainline valves, Mesa Water routinely exercises its mainline valves every two years. Mesa Water's disciplined approach to maintenance has enhanced the life span of the valves within the distribution system. The average life span of a mainline valve is 30 to 40 years depending on several external and environmental factors (e.g., maintenance, installation conditions, aggressive soil and water, etc.). In addition to exercising valves, Mesa Water's routine maintenance activities help to identify valves that are in need of repair or replacement.

Functional mainline valves are a critical component to operating a quality distribution system to minimize impacts to customers when mainline repairs or maintenance occur. In the event of pipeline repairs or maintenance, the system valves on either side of the pipe segment requiring repair or maintenance must be closed to isolate the pipe segment. Thus, all customer services between the closed valves will experience a water service outage. Customer services include single family residences, multifamily residential buildings, multifamily residential complexes, schools, and commercial/industrial business.

While Mesa Water does an excellent job at minimizing impacts to customers during mainline repair activities, many of the District's valves were installed prior to the existence of a specific industry spacing standard being available. There is a potential that some areas within Mesa Water's service area will be disproportionately affected due to the development density mixture and how the City of Costa Mesa was developed through the years. Therefore, a standard valve spacing and population service standard are essential to limit impacts to Mesa Water's customers



during mainline repairs.

## DISCUSSION

Mesa Water's routine maintenance activities have identified 168 mainline valves that are in need of replacement as part of its Capital Improvement Program Renewal (CIPR) effort. Prior to replacing the proposed 168 mainline valves, Mesa Water performed a Valve Optimization Assessment (VOA) that evaluated the existing valve spacing throughout the District against the American Water Works Association (AWWA) standard for valve spacing. The VOA is included as Attachment B. The assessment also took into account the various population densities throughout Mesa Water's service area based on the most current Census population update. The VOA focused on four main criteria for its assessment:

- Residential Spacing: 800 feet (per AWWA Standard)
- Commercial Spacing: 500 feet (per AWWA Standard)
- Low Density Residential (LDR): 80 People
- High Density Residential (HDR): 200 People

Mesa Water's service area encompasses land uses zoned for low density residential, medium density residential (MDR), high density residential, public, commercial and industrial land uses. For the purpose of the VOA, MDR and HDR were evaluated per the HDR criteria, and commercial and industrial land uses were evaluated per the commercial criteria. The VOA findings and recommendations include the following:

- 511 Existing Valves to be Abandoned in Place
- 422 New Valves to be Added

The abandonment of the existing 511 valves are considered to be redundant valves that were originally installed close to other valves and are not considered essential to the operations of the distribution system. The addition of the 422 valves will be strategically added to address the key assessment criteria outlined above to minimize customer impacts. Additionally, the 422 valves were recommended for addition based on the following criteria:

- Two Valves Minimum Installed at Main T-Intersections
- Three Valves Minimum Installed at Main Cross-Intersections
- Three Valves Installed at All School Service Connections
- Three Valves Installed at All Single Service High Density Developments

Based on the aforementioned criteria and VOA, a Mainline Valve Spacing Policy (Attachment A) has been drafted for the Board's consideration and potential adoption. The Mainline Valve Spacing Policy is summarized in the following section.

### Summary of Mainline Valve Spacing Policy

#### **1. Valve Placement at Pipeline Intersections**

- a. **Major Pipeline Intersections:** For pipelines 8 inches in diameter and larger in major streets, valves shall be placed at all pipeline intersections to allow for isolation of each branch. Cross intersections shall have a minimum of three valves. Tee intersections shall have a minimum of two valves.



- b. **Neighborhood Intersections:** Isolation valves are not required at residential neighborhood intersections.

## 2. Valve Spacing in Residential Zoning

- a. **Low Density Residential (LDR)** valve spacing shall be a maximum of 800 feet and shall cause no more than 80 persons to be without water service when adjacent valves are closed.
- b. **Medium and High Density Residential (MHDR)** valve spacing shall be a maximum of 800 feet and shall cause no more than 200 persons to be without water service when adjacent valves are closed.
  - i. Where a single domestic water service connection serves more than 200 persons, the main pipeline serving the connection shall have isolation valves on each side of the connection.

## 3. Valve Spacing in Commercial Zoning

- a. **Commercial zoning**, which for the purposes of this policy includes commercial, industrial, and public land uses (excluding parks), shall have maximum valve spacing of 500 feet.
  - i. Where a single domestic service connection serves a school building, the main pipeline serving the connection shall have three isolation valves at the point of connection.

## 4. Valve Abandonments and Additions

- a. Valves slated for abandonment shall be maintained bi-annually until the new optimized valve is installed.
- b. Valves to be added shall be installed as part of routine capital improvements for valves and pipelines.
  - i. As pipelines are replaced, valves shall be located on the new pipeline per this policy.

### Cost Savings

Application of this policy to the existing system of 5,400 total valves and 4,400 mainline valves allows for the abandonment of 511 existing valves and 23 valves not needing replacement as identified through the routine valve maintenance activities with an estimated cost savings of \$4.35 MM over the life of the valves (30 – 40 years), as summarized in Table 1 and detailed in Attachment B. Application of this policy also includes the addition of 422 new valves. This policy will be implemented as existing valves reach the end of their useful life and will be replaced in the optimized location through the Routine Operations Capital Replacement Program or as pipelines reach the end of their useful life and are replaced. Valves on the new pipeline will be located per the valve spacing policy.





**Table 1. Cost Savings**

	<b>Simple Replacement (\$6,500/valve)</b>	<b>Complex Replacement (\$20,000/valve)</b>	<b>Total Valves Abandoned</b>	<b>Cost Savings</b>
System-wide Valves to Abandon	435	76	511	\$4,347,500
CIPR Program Valves to Abandon	14	9	23	\$271,000

**Continuous Improvement**

The valve spacing policy shall be re-assessed every five years. Valves may be abandoned or added at the discretion of the District Engineer or Water Operations Manager.

**FINANCIAL IMPACT**

In Fiscal Year 2021, the financial impact from the recommendation to adopt Resolution No. XXXX is a savings of approximately \$70,000 in valves that will not be replaced.

**ATTACHMENTS**

- Attachment A: Draft Resolution No. XXXX Establishing a Mainline Valve Spacing Policy
- Attachment B. Valve Spacing GIS Methodology White Paper

## RESOLUTION NO. XXXX

### RESOLUTION OF THE MESA WATER DISTRICT BOARD OF DIRECTORS ESTABLISHING A MAINLINE VALVE SPACING POLICY

WHEREAS, the Mesa Water District (Mesa Water) 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 assets that will eventually need to be replaced, abandoned or discarded because they have a finite life; and

WHEREAS, currently the most valuable asset is the water distribution system, which shall therefore be the scope of this resolution; and

WHEREAS, the water distribution system includes over 5,400 valves that require regular maintenance, repair or replacement; and

WHEREAS, in the event of pipeline maintenance, repair or replacement activities, the valves on either side of the pipe segment must be closed to isolate the pipe segment requiring maintenance, repair or replacement and all customers located between the closed valves experience water service outages; and

WHEREAS, the Board of Directors desire to establish a policy that will create valve spacing and population service standards to reduce water service outages during mainline maintenance, repair and replacement activities and enhance the life span of the valves within the water distribution system.

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 Mesa Water District does hereby approve and adopt the Mainline Valve Spacing Policy (Policy) (Appendix A).
- Section 2.** The Board hereby authorizes and directs the General Manager to take such actions as may be deemed necessary or advisable to affect the intent of the forgoing resolution.
- Section 3.** This Resolution shall be re-assessed every five years.
- Section 4.** This Policy shall take effect immediately upon adoption.

ADOPTED, SIGNED, and APPROVED this 10th day of September 2020 by a roll call vote.

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

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Shawn Dewane  
President, Board of Directors

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Denise Garcia  
District Secretary

DRAFT

**RESOLUTION NO. XXXX**

**APPENDIX A**

**RESOLUTION OF THE  
MESA WATER DISTRICT BOARD OF DIRECTORS  
ESTABLISHING A MAINLINE VALVE SPACING POLICY**

Mesa Water District  
Mainline Valve Spacing Policy

Effective: September 10, 2020

# MESA WATER DISTRICT MAINLINE VALVE SPACING POLICY

## 1. Valve Placement

a. **Main Valve Intersections:** Mainline isolation valves shall be placed at all main pipeline intersections as follows:

i. **Cross Intersection:** A minimum of three valves shall be placed at all main pipeline intersections. Valves should generally be located within 50-feet of the point of intersection.

ii. **T-Intersection:** A minimum of two valves shall be placed at all main pipeline T-intersections in accordance with Mesa Water District Standard Plan No. 14. Valves should generally be located within 50-feet of the point of intersection.

iii. **Neighborhood Intersections:** Isolation valves are not required at residential neighborhood intersections unless:

- 1) An operational need is identified by the District Engineer or Operations Manager.
- 2) Pipe Segment Length and Population served criteria dictate the need for a valve.

b. **Terms:** Terms are defined as follows:

i. **Cross Intersection:** A Cross-Intersection is defined as the intersection of two pipelines 8-inch diameter and greater, where:

- 1) after intersecting, the pipes continue in separate directions, and
- 2) where the intersection occurs in a street where there are two or more marked lanes in both of the streets, and/or a center divider or median.

ii. **T-Intersection:** A T-Intersection is defined as the intersection of two pipelines 8-inch diameter and greater, where:

- 1) one pipe dead ends into the other and the second continues, and
- 2) where the intersection occurs in a street where there are two or more marked lanes in both of the streets, and/or center dividers or medians.

2. **Residential:** Valve spacing within Low and High-Density Residential Land Use Classifications shall be determined based on the following priority and criteria:

- a. **Pipe Segment Length:** Pipe segments between mainline valves shall be no more than 800 feet and shall meet the population definition for the defined land use types.
  - b. **Population:** The population impacted by a pipe segment removed from service shall not be greater than 80 people for low density residential and 200 people for high density residential.
  - c. **Single Water Sources:** High density developments with only one main domestic water connection and more than 200 people shall have a minimum of a three-way valve assembly installed at the point of connection to the mainline to maintain services during repairs or maintenance to the adjacent water distribution system.
  - d. **Terms:** Terms are defined as follows:
    - i. **Neighborhood Intersection:** A Neighborhood-Intersection is defined as an intersection of pipelines 6-inch diameter and smaller where the intersection occurs in an interior residential street that does not include marked lanes or a center divider or median.
    - ii. **Pipe Segment:** A Pipe Segment is the length of pipe(s) that can be isolated by closure of existing valves or other appurtenances.
    - iii. **Low-Density Residential:** Low Density Residential is defined as less than eight dwelling units per acre as defined by the City of Costa Mesa's General Zoning Plan.
    - iv. **High-Density Residential:** Medium Density and High Density are characterized as High Density under this policy and as such, High Density Residential is defined as up to 20 dwelling units per acre as defined by the City of Costa Mesa's General Zoning Plan.
3. **Commercial:** Valve spacing within Commercial Land Use Classifications shall be determined based on the following priority and criteria:
- a. **Pipe Segment Lengths:** Pipe segments between main-line valves shall be no more than 500 feet.
  - b. **Terms:** Terms are defined as follows:
    - i. **Commercial:** Commercial Density includes businesses, light industrial, higher education, institutional, government, and other classifications as defined by the City of Costa Mesa's General Zoning Plan.
4. **Schools:** Valve spacing within School Land Use Classifications shall be determined based on the following priority and criteria:

- a. **Pipe Segment Lengths:** Pipe segments between mainline valves shall be no more than 500 feet.
- b. **Single Water Sources:** All elementary and secondary schools fed by only one main domestic water connection shall have a minimum of a three-way valve assembly installed at the point of connection to the mainline to maintain services during repairs or maintenance to the adjacent water distribution system.
- c. **Terms:** Terms are defined as follows:
  - i. **Schools:** Schools include all private and public primary, middle, and high schools within Mesa Water's service area.

## 5. Existing Valves

- a. **Non-Essential Valves:** Where valve assets are no longer required based on the above criteria, Mesa Water will evaluate such valve locations to confirm validity, and shall abandon such valves in place in the open position when they are determined to have reached the end of their useful life.
- b. **Maintenance:** Valve assets that are confirmed to be no longer required based on the above criteria shall remain part of the ongoing valve exercising and maintenance program until they are deemed to have reached the end of their useful life, at which time they will be removed from the exercising and maintenance program.

## 6. New Valves

- a. **New Assets:** Existing pipe segments that are not in compliance with the most current version of this Policy and require additional valves, will be modified to meet the most current version of this Policy through pipeline rehabilitation and replacement projects.

## 7. Policy Evaluation

- a. **Existing Assets:** All existing mainline valve assets shall be evaluated every five years to determine compliance with the policy; or
- b. **New Developments:** All new high-density and commercial developments shall be evaluated for the possible addition of valves based upon the above criteria.
- c. **Engineering & Operational Judgement:** Valves may be added or removed as necessary where there is operational benefit outside of the aforementioned criteria as directed by the District Engineer or Operations Manager.

# MESA WATER CIPR DESIGN SERVICES

Date: August 19, 2020

Project No.: 12028A.10 Task 1

## Mesa Water District

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**Subject:** Valve Spacing GIS Methodology White Paper

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### Introduction

As requested by Mesa Water District (Mesa Water), Carollo Engineers, Inc. (Carollo) developed a valve spacing Policy for the replacement, addition, or abandonment of system valves. Using a GIS-based evaluation of population, land use, and existing facilities, this white paper outlines the methodology used in developing the policy.

### Population and Land Use

Land use zoning data was obtained from the Southern California Association of Governments (SCAG) and compared to the most recent City of Costa Mesa and City of Newport Beach's zoning maps. The detailed land use map was then simplified to four zoning categories, as shown in Figure 1:

- **High-Density Residential (HDR)** includes zoning codes PDR-HD (Planned Development Residential – High Density), R3 (Multiple Family Residential), R2-HD (Multiple-Family Residential High Density), PDR-MD (Planned Development Residential – Medium Density), R2-MD (Multiple-Family Residential Medium Density), PDR-NCM (Planned Development Residential – North Costa Mesa), PC-16 (Planned Community – Newport Beach), RM (Multi-Unit Residential – Newport Beach)
- **Low-Density Residential (LDR)** includes R1 (Single-Family Residential) and PDR-LD (Planned Development Residential – Low Density)
- **Commercial** includes C1 (Local Business), C2 (General Business), C1-S (Shopping Center), TC (Town Center), CL (Commercial Limited), PDC (Planned Development Commercial), PDI (Planned Development Industrial), MG (General Industrial), MP (Industrial Park), and IG (Industrial – Newport Beach), Public Facilities, and higher education (Vanguard University and Orange Coast College).
- **Schools** includes pre-school and K-12 based on the I&R (Institutional and Recreation) land use designation and cross-checked against the Newport-Mesa school directory.



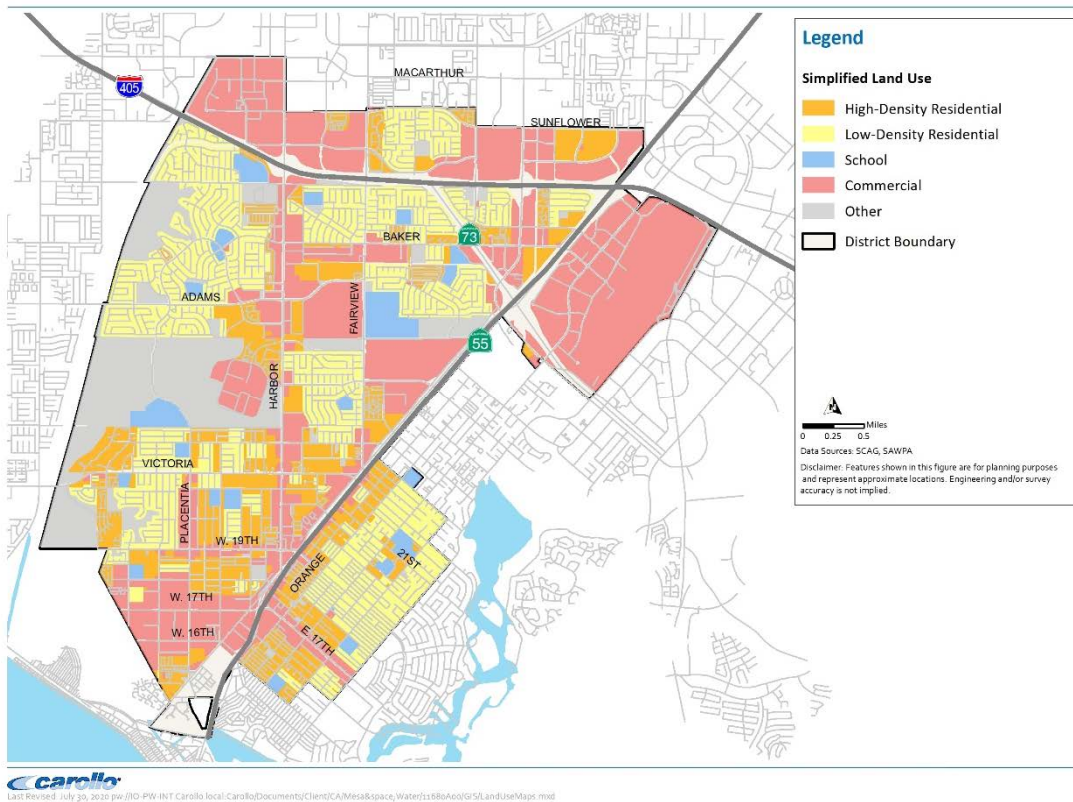


Figure 1 – Mesa Water District Simplified Land Use Map

### Population Estimation

Population data was obtained from the US Census American Community Survey’s 2018 population estimates at the Census block group level. Note that although the census block is the smallest geography, mid-decade population estimates were not available at that level. The population was then disaggregated to the parcel level for residential land use areas.

For each residential land use type, the dwelling units per acre were obtained from the City of Costa Mesa’s planning department and multiplied by the total number of acres for each detailed land use type within each block group. The sum of the dwelling units per zoning type was then multiplied by the number of people per household. An average of 2.71 people per household was used per the Census’s calculations for the City of Costa Mesa. Next, the percentage of each residential zoning area was calculated for each block group. That percentage was then multiplied by the number of parcels for each zoning type to determine the number of people per parcel based on the zoning type within each block group. Using this method the number of people per parcel could be disaggregated based on the block group population estimates.

For commercial and school land use parcels the number of service connections served as a proxy for the number of businesses. If a parcel did not have a service connection, one service connection per parcel was assumed.

Counts of residential populations and service connections were then assigned to the nearest active, Mesa Water-owned distribution or transmission mainline pipeline via the connection lateral. Within Mesa Water, there are several major streets with laterals that cross over other mainlines. The population and/or service connections were assigned to the correct mainline pipeline by performing a multi-tiered join by first joining the parcels to the laterals and then joining the laterals to the mainline pipelines. The result is a pipeline

shapefile that contains the sum of HDR and LDR residents and commercial and school service connections for each pipeline.

## Valve Spacing Analysis

The InfoMaster Valve Criticality Tool (VCM) from Innovzye, is a GIS-based tool that calculates pounded (isolated) areas to identify the valves and pipe segments that would need to be isolated should a pipe fail. Carollo used the VCM tool to determine the location and total length of the isolatable pipe segments for each of the four simplified land use categories.

Mesa Water maintains approximately 5,400 system valves. For this analysis, approximately 4,400 divisional valves were used. Divisional valves are active mainline valves that do not include hydrant, service lateral, or blow off valves.

Using the pipe segments for each land use category, a valve spacing policy was developed based on AWWA standards and the average number of residents and service connections per pipe segment. Below are the recommendations set forth in the policy for distribution pipe segments:

- HDR land use, a maximum of 200 or fewer residents per 800 feet or less of pipe segment
- LDR land use, a maximum of 80 or fewer residents per 800 feet or less of pipe segment
- Commercial, a maximum of 500 feet or less of pipe segment
- Schools, a maximum of 500 feet of pipe segment

Residents, commercial and school service connections located along transmission mains (defined as 16 inches or greater) were excluded from the analysis.

In addition to the pipe segment length and population/ service connection criteria, valve spacing in relation to major cross and "T" intersections were analyzed and defined as follows:

- Cross Intersection: A Cross-Intersection is defined as the intersection of two pipelines 8-inch diameter and greater, where:
  - o after intersecting, the pipes continue in separate directions, and
  - o where the intersection occurs in a street where there are two or more marked lanes in both of the streets, and/or center dividers or medians.
- T-Intersection: A T-Intersection is defined as the intersection of two pipelines 8-inch diameter and greater, where:
  - o one pipe dead ends into the other and the second continues, and
  - o where the intersection occurs in a street where there are two or more marked lanes in both of the streets, and/or center dividers or medians.
- Neighborhood Intersection: A Neighborhood-Intersection is defined as an intersection of pipelines 6-inch diameter and smaller where the intersection occurs in an interior residential street that does not include marked lanes or a center divider or median.

The road centerline GIS layer was obtained from the Orange County Public Works Department. Major roads are defined as street codes 2 or 3 and represent major arterials. Marked lanes are not listed in the GIS and were determined from aerial imagery inspection. Recommendations for additional isolation valves in major intersections were based on a general spacing of 50 ft from the intersection. In some instances, isolation valves in major roads exceed the 50ft buffer in which case, the nearest isolation valve to the street intersection was reviewed.

In addition, an engineering-level review was performed to confirm valves recommended for removal do not negatively impact the District's well-looped system.

## Valve Spacing Analysis Results

The District maintains a list of valves identified for replacement through Mesa Water’s on-going valve exercising and maintenance program. As of August 10, 2020, this list includes 168 divisional valves that still need to be replaced. These valves are shown on Figure 2. There are currently three categories of valves as indicated in the figure.

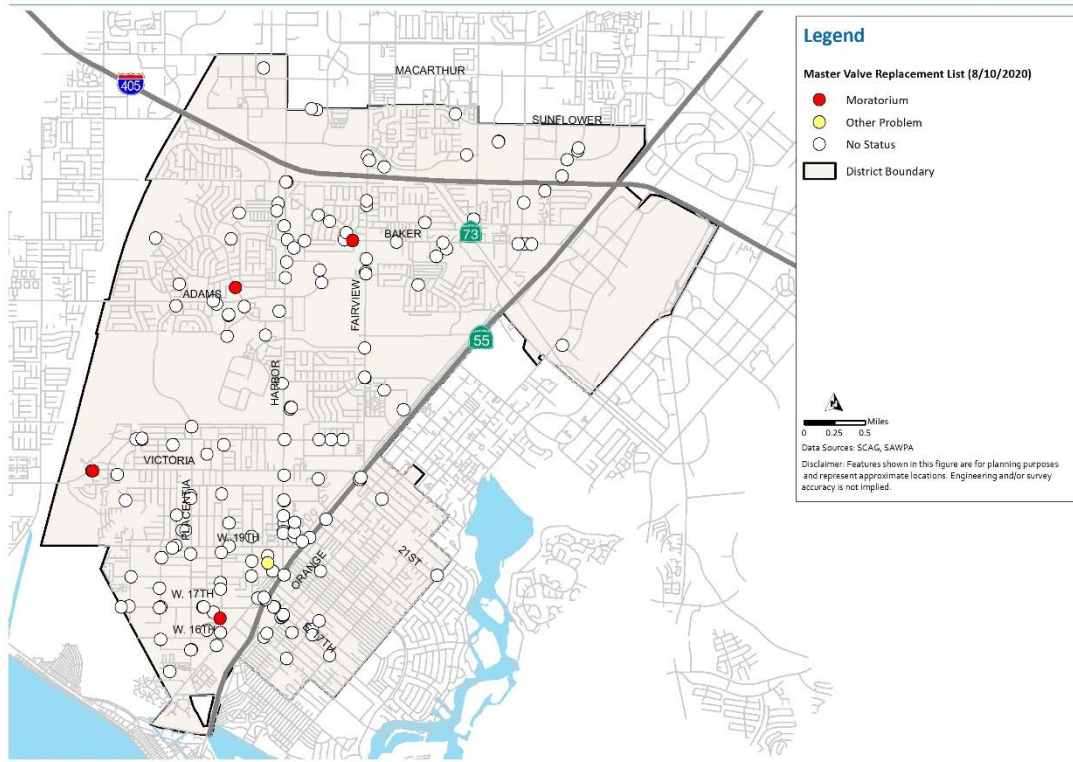


Figure 2 – Mesa Water’s Master Valve Replacement List

Using the Valve Spacing Policy criteria described above, a list of 511 valves were identified for potential removal from the system. Valves recommended for removal (or to be abandoned-in-place) were cross checked with the District’s list of 168 mainline valves on the replacement list (Figure 2). Twenty-three valves from Mesa Water’s master replacement list matched those identified by Carollo and could be ear-marked for potential removal from the list. The majority would still need to be replaced; total of 145. Figure 3, shows valves recommended for removal including the 23 valves that match valves listed in Mesa Water’s valve replacement list, indicated by the blue triangles.

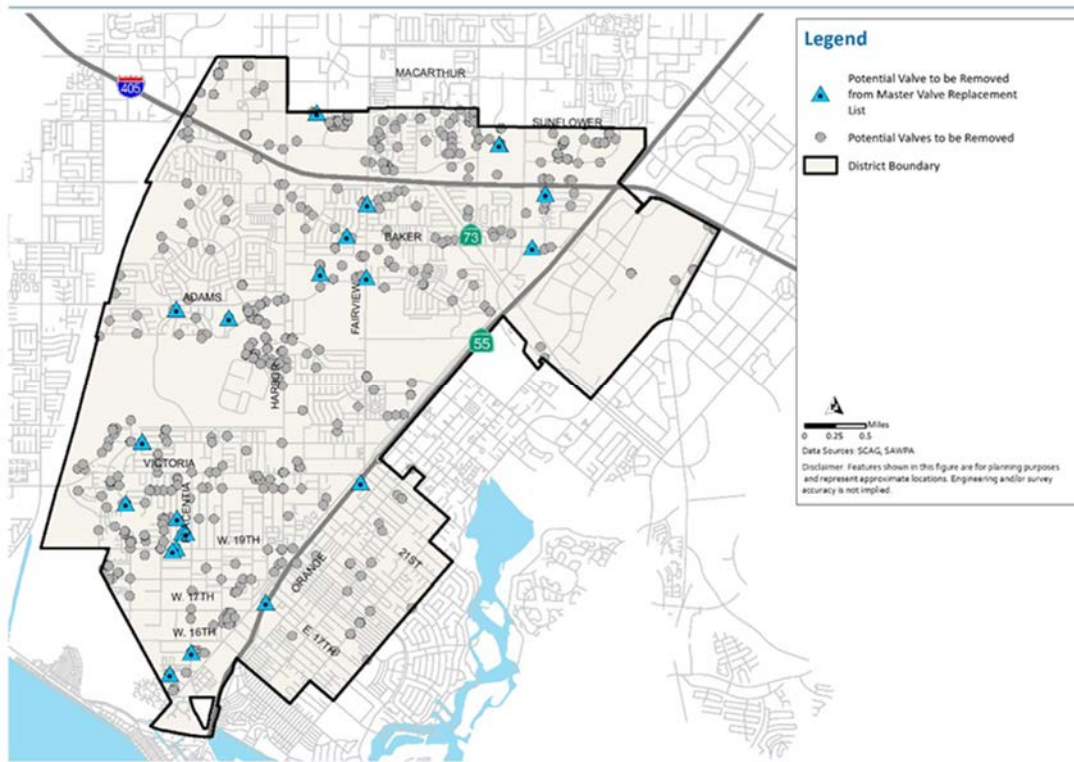


Figure 3 – Potential Valves for Removal/Abandonment Based on Valve Spacing Policy (23 of the 511 valves recommended for removal are on the District’s valve replacement list.)

The Policy also resulted in the need for some new valves. A total of 422 new isolation valves are recommended to meet the residential and service connection valve spacing criteria, as shown in Figure 4.

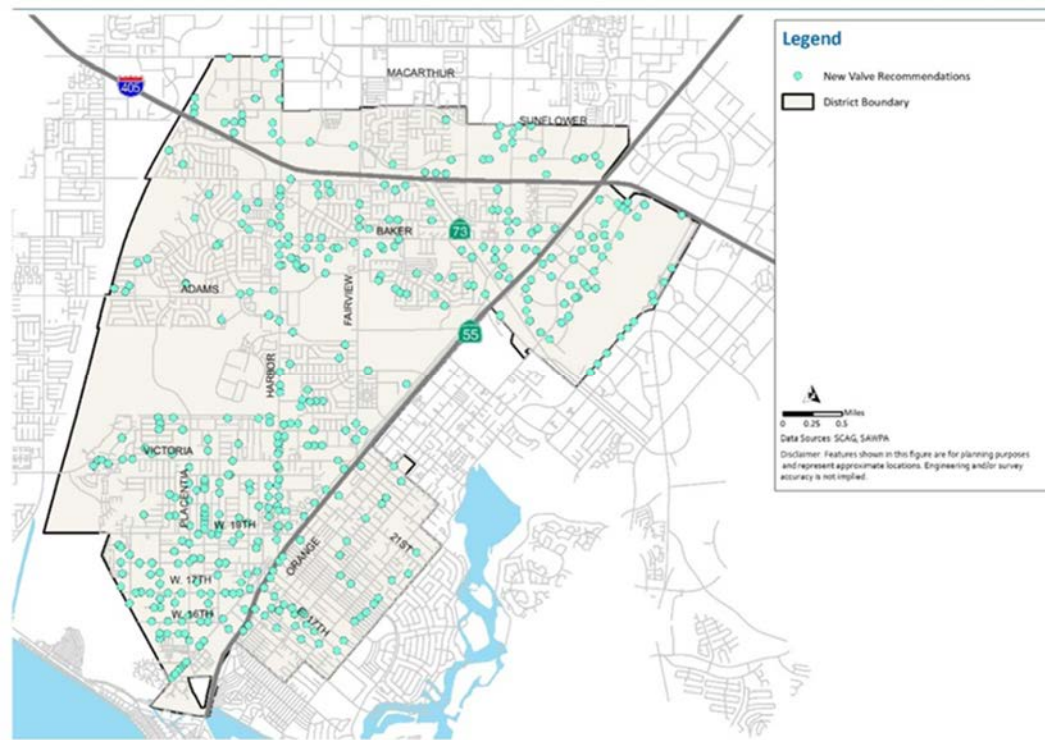


Figure 4 – Potential Additional Valves based on Valve Spacing Policy (422 valves)

## Cost Impacts

The expected cost for replacement of valves was obtained from Mesa Water based on their experience. Two categories of valve replacement cost were assumed: "simple" replacement and "complex" replacement. Simple replacement refers to valves to be replaced in neighborhood street areas, while "complex" replacement refers to replacing valves in main roads with multiple lanes. The assumed total cost for the two categories was \$6,500 and \$20,000 for "simple" and "complex", respectively.

Table 1 shows a summary of the number of valves and cost impacts (savings) for valves that would not require replacement and can be removed from Mesa Water's valve exercising and maintenance program. These would represent a savings to Mesa Water.

As shown, the anticipated savings to Mesa Water would be about \$4.3 million.

Table 1: Summary of Cost Impacts

Description	Simple Replacement	Complex Replacement	Total/Savings / (Cost)
<b>Valves Removed/Abandoned from System</b>			
Number of Valves	435	76	511
Savings for Valves Removed/Abandoned from the System	\$2,827,500	\$1,520,000	\$4,347,500

Per the Valve Spacing Policy, existing valves that are no longer required under this Policy will be maintained until they are determined to be at the end of their useful life. At that time, the valve(s) will be abandoned in place. Existing pipe segments that are not in compliance with the current valve spacing policy and require additional valves will be modified to meet the current valve spacing policy through routine capital improvement and pipeline rehabilitation and replacement projects. This approach will not overburden the valve replacement CIP.

## List of Valves with Potential for Removal/Abandonment

The attached table lists the 511 valves with potential for removal. Those valves highlighted are the ones that correspond to Mesa Water's valve replacement list.

:WU

**Valves Identified for Removal/Abandonment per Valve Policy  
(Total 511)**

FACILITYID	Grid_ID	NUMBER	LOCATION DESCRIPTION	DIAMETER
4500610114	61	114	500 ANTON BLVD	8
4500650063	65	63	475 ANTON	12
4500650067	65	67	ANTON & SAKIOKA	12
4500650117	65	117	N/ 3350 SAKIOKA	12
4500470010	47	10	3462 SANTA CLARA CIR	8
4500470024	47	24	1033 DAMASCUS	6
4500470028	47	28	1033 DAMASCUS	6
4500470021	47	21	WIMBLEDON & KINGSTON	8
4500480075	48	75	1111 SOUTH COAST DR	8
4500480076	48	76	1111 SOUTH COAST DR	4
4500480077	48	77	1111 SOUTH COAST DR	4
4500480078	48	78	1111 SOUTH COAST DR	4
4500480061	48	61	1111 SOUTH COAST DR	4
4500480135	48	135	1111 SOUTH COAST DR	4
4500480136	48	136	1111 SOUTH COAST DR	4
4500480121	48	121	WIMBLEDON & DANIELLE	8
4500480093	48	93	WIMBLEDON & SALINAS	8
4500480085	48	85	WIMBLEDON & SALINAS	8
4500480095	48	95	3401 SUMMERSET	8
4500480097	48	97	WIMBLEDON & SUMMERSET	8
4500470015	47	15	3448 KINGS CT	8
4500480159	48	159	1127 BUCKINGHAM DR	8
4500480160	48	160	1114 BUCKINGHAM DR	8
4500480012	48	12	1108 BUCKINGHAM	8
4500480161	48	161	1108 BUCKINGHAM	8
4500480016	48	16	POPPY & GERANIUM	8
4500490036	49	36	3100 MC KINLEY	6
4500490002	49	2	CONCORD & PIERCE	8
4500490007	49	7	3140 COOLIDGE	8
4500490013	49	13	3124 ROOSEVELT	6
4500490091	49	91	3124 TAFT	6
4500490025	49	25	1164 BOISE	8
4500490047	49	47	VAN BUREN & AUSTIN	6
4500480138	48	138	1111 SOUTH COAST DR	4
4500480024	48	24	1111 SOUTH COAST DR	4
4500490043	49	43	BRAY & MC CORMACK	8
4500490027	49	27	BRAY & MC CORMACK	6
4500490028	49	28	MC CORMACK & FAIRVIEW	8
4500550002	55	2	FUCHSIA & AZALEA	8
4500550049	55	49	TIMBER LAKE & DEEP CREEK	6
4500550029	55	29	TIMBER LAKE & DEEP CREEK	8
4500550008	55	8	VILLAGE CREEK & TIMBER LAKE	6
4500550046	55	46	MEADOW BROOK & VILLAGE CREEK	8
4500550030	55	30	BEAR CREEK & MEADOWBROOK	8
4500550033	55	33	MEADOW BROOK & DEEP CREEK	8
4500550035	55	35	HOLLOWBROOK	8

4500550037	55	37	941 AZALEA DR	6
4500560052	56	52	977 BEGONIA	8
4500560047	56	47	3400 LANTANA	8
4500560110	56	110	958 DAHLIA	8
4500560089	56	89	949 DAHLIA	6
4500560090	56	90	924 DAHLIA	6
4500560065	56	65	948 CARNATION	8
4500560084	56	84	3383 LARKSPUR	6
4500560063	56	63	3367 LARKSPUR	6
4500560039	56	39	BEAR S/O SUNFLOWER	6
4500560040	56	40	3333 BEAR ST	8
4500560081	56	81	901 SO COAST DR BLDG F	8
4500560088	56	88	952 DAHLIA	8
4500560005	56	5	901 SO COAST DR BLDG B	6
4500570067	57	67	METRO POINTE BUILDING F	8
4500570021	57	21	883 PROSPECT	8
4500570033	57	33	885 LIARD	6
4500610171	61	171	580 ANTON	8
4500610138	61	138	580 ANTON BLVD	8
4500610117	61	117	600 TOWN CENTER DR	8
4500610088	61	88	3350 AVE OF THE ARTS	8
4500610089	61	89	3350 AVE OF THE ARTS	8
4500610149	61	149	3400 SAKIOKA	8
4500610151	61	151	3400 SAKIOKA	8
4500610039	61	39	ANTON BLVD & PARK CENTER	12
4500550016	55	16	SUNFLOWER W/ BRISTOL	8
4500560008	56	8	3333 BRISTOL	8
4500550062	55	62	SUNFLOWER W/ BRISTOL	8
4500560031	56	31	SOUTH COAST PLAZA	12
4500560010	56	10	SOUTH COAST PLAZA	12
4500560011	56	11	3333 BRISTOL ST	12
4500610040	61	40	580 ANTON BLVD	6
4500620037	62	37	621 DANUBE & RHINE	6
4500620038	62	38	RHINE & DANUBE	6
4500620025	62	25	WHITNEY LANE	6
4500620041	62	41	WHITNEY & LASSEN LANE	8
4500620042	62	42	LASSEN LANE & WHITNEY	6
4500620052	62	52	665 ANTON BLVD	12
4500620053	62	53	318 PARK CENTER DR	12
4500620021	62	21	3070 BRISTOL ST	8
4500560157	56	157	3333 BRISTOL	6
4500610139	61	139	580 ANTON	8
4500620004	62	4	3201 AVE OF THE ARTS	12
4500560020	56	20	3333 BRISTOL ST	10
4500560060	56	60	3333 BRISTOL ST	12
4500480037	48	37	1101 SALINAS AVE	8
4500480177	48	177	3301 FAIRVIEW	8

4500620153	62	153	535 ANTON	12
4500620130	62	130	587 ANTON	12
4500620014	62	14	546 PIERPOINT DR	6
4500620131	62	131	534 TRAVERSE	6
4500290114	29	114	PONDEROSA @ ANDROS	6
4500290115	29	115	ANDROS @ PONDEROSA	8
4500290021	29	21	HARBOR & ADAMS	12
4500290056	29	56	1555 ADAMS	4
4500290012	29	12	1565 ADAMS AVE	8
4500290013	29	13	1565 ADAMS AVE	8
4500290002	29	2	1545 ADAMS	6
4500290007	29	7	1570 AMBERLEAF	8
4500290058	29	58	1570 AMBERLEAF	8
4500400082	40	82	WATSON & LOREN	8
4500400088	40	88	WATSON & DONNYBROOK	6
4500400105	40	105	1256 WATSON	4
4500400061	40	61	COLLEGE & GALWAY	4
4500400129	40	129	1304 LOGAN AVE	6
4500400130	40	130	1304 LOGAN AVE	6
4500410038	41	38	1300 ADAMS	6
4500410013	41	13	1370 ADAMS AVE	12
4500410044	41	44	2855 PINECREEK	8
4500410054	41	54	1300 ADAMS ON PINECREEK	6
4500410055	41	55	2855 PINECREEK	8
4500400072	40	72	1300 ADAMS REAR OF	10
4500410004	41	4	1215 CITRUS PL	8
4500410011	41	11	1215 CITRUS PL	8
4500400118	40	118	VILLAGE WAY & PINECREEK	8
4500400128	40	128	VILLAGE WAY & PINECREEK	10
4500500092	50	92	1138 DORSET	6
4500500077	50	77	1127 BAKER	6
4500500076	50	76	1127 BAKER	6
4500400045	40	45	2959 FAIRVIEW	8
4500400046	40	46	2959 FAIRVIEW	8
4500500109	50	109	2949 FAIRVIEW RD	6
4500500064	50	64	BAKER ST & COOLIDGE AVE	6
4500850002	85	2	366 PAULARINO AVE	8
4500850003	85	3	PAULARINO GATE IMPROVEMENT	8
4500510059	51	59	2879 MENDOZA	12
4500510061	51	61	1010 VALENCIA	6
4500510076	51	76	SALVADOR & CORONA	6
4500500015	50	15	1106 MISSION	6
4500510064	51	64	FAIRVIEW & EL CAMINO	10
4500510092	51	92	2806 CITRUS PL	8
4500590073	59	73	2726 DRAKE AVE	12
4500590046	59	46	2830 LORETO	6
4500590042	59	42	VELASCO & SANTIAGO	6



4500590078	59	78	954 JUNIPERO DR	6
4500500152	50	152	998 MISSION	8
4500630043	63	43	735 PAULARINO AVE	8
4500580162	58	162	KITTENDALE BAY	8
4500630112	63	112	655 BAKER ST	10
4500630132	63	132	635 BAKER	6
4500630083	63	83	635 BAKER	6
4500630114	63	114	555 PAULARINO & BAKER	8
4500830005	83	5	O.C. AIRPORT	12
4500830001	83	1	O.C. AIRPORT	12
4500830003	83	3	O.C. AIRPORT	12
4500580006	58	6	801 PAULARINO	8
4500580137	58	137	HYDE & LOMBARD	6
4500580139	58	139	922 LOMBARD	6
4500580140	58	140	POWELL & LOMBARD	6
4500580107	58	107	914 VAN NESS	6
4500580083	58	83	RANDOLPH AVE	8
4500580118	58	118	POWELL & LOMBARD	6
4500030015	3	15	2034 BALTRA PL	6
4500030019	3	19	2812 SOUTH CAPELLA CT	6
4500140062	14	62	3061 CLUB HOUSE CIR	6
4500140010	14	10	JAVA @ TAHITI DR	6
4500140077	14	77	MESA VERDE & CAPRI LANE	12
4500140039	14	39	2978 CEYLON DR	6
4500140042	14	42	3046 CAPRI LANE	6
4500150097	15	97	1814 PITCARIN DR	6
4500150006	15	6	2782 LONGWOOD CT	8
4500270073	27	73	3088 SAMOA PL	6
4500430012	43	12	WESTBROOK & FORDHAM	6
4500530051	53	51	131 CLEARBROOK LN	6
4500530017	53	17	2525 NEWPORT BLVD	10
4500530020	53	20	2599 NEWPORT VANGUARD UNIVERSITY	6
4500590028	59	28	2701 SAN LUCAS	6
4500710018	71	18	270 S.E. BRISTOL	6
4500710062	71	62	BRISTOL ST	12
4500030001	3	1	ALBATROSS & PELICAN	6
4500840027	84	27	AIRPORT WAY JOHN WAYNE AIRPORT	12
4500840024	84	24	AIRPORT WAY JOHN WAYNE AIRPORT	6
4500040006	4	6	2082 MANDARIN DR	6
4500040001	4	1	OCFCD	6
4500040033	4	33	2010 SWAN DR	8
4500160065	16	65	1831 TANAGER	8
4500160047	16	47	157' W/CL ORIOLE ON TANAGEL	8
4500160048	16	48	1772 ORIOLE	8
4500160050	16	50	1806 ORIOLE DR	6
4500160011	16	11	1701 GOLF COURSE RD	8
4500150085	15	85	2754 LONGWOOD CT	8

4500150088	15	88	2791 PLACENTIA AVE	8
4500300050	30	50	HIBISCUS & AMBERLEAF	8
4500300122	30	122	HIBISCUS & AMERLEAF	8
4500300133	30	133	AMBERLEAF & ASHWOOD	8
4500300134	30	134	AMBERLEAF & ASHWOOD	8
4500290079	29	79	BOUGAINVILLE & BRIAR ROSE	8
4500290137	29	137	BRIAR ROSE & AMBERLEAF	8
4500290139	29	139	BRIAR ROSE & AMBERLEAF	8
4500300055	30	55	2775 MESA VERDE DR	6
4500300066	30	66	SANTA BARBARA & RINCAID DR	6
4500300068	30	68	SAN CLEMENTE FR	8
4500300095	30	95	HARLA AVE & MESA VERDE	6
4500300059	30	59	SANTA BARBARA & DOUGLAS	8
4500300062	30	62	RINCAID & LUKUP	8
4500300063	30	63	DOUGLAS & MERRIMAC	8
4500300159	30	159	MERRIMAC & DOUGLAS	8
4500300161	30	161	2545 SANTA CATALINA	8
4500300162	30	162	2545 SANTA CATALINA	8
4500300023	30	23	2543 ANACAPA	12
4500300155	30	155	2501 HARBOR	8
4500300025	30	25	2500 HARBOR	12
4500300144	30	144	KINCAID & LUKUP	8
4500300143	30	143	END OF HARLA	8
4500300014	30	14	2534 ANACAPA	8
4500300117	30	117	SANTA CATALINA & ANACAPA	8
4500310023	31	23	2526 SANTA CATALINA DR	8
4500310018	31	18	2500 MARK	8
4500300130	30	130	MERRIMAC & LUKUP	8
4500300131	30	131	MERRIMAC & LUKUP	8
4500300121	30	121	461 SWARTHMORE	6
4500310043	31	43	463 ELMHURST LN	6
4500310039	31	39	1701 GOLF COURSE ON HARBOR	6
4500420028	42	28	392 PRINCETON	8
4500420003	42	3	3333 MERRIMAC	8
4500550007	55	7	LUPINE CIR & GOLDENROD	6
4500090111	9	111	CATAMARAN CT & NANTUCKET	6
4500090023	9	23	1065 SPINNAKER RUN	8
4500090013	9	13	1065 SPINNAKER RUN	8
4500090032	9	32	SPINNAKER & BOWSPRITE LN	6
4500090033	9	33	PENINSULA PL & WEST 18TH ST	8
4500090053	9	53	CAPETOWN CIR & NANTUCKET	8
4500090031	9	31	18TH & WHITTIER	8
4500090090	9	90	1850 WHITTIER #20	6
4500080017	8	17	ARBOR & WHITTIER	4
4500080036	8	36	1919 REPUBLIC	6
4500080090	8	90	1010 ARBOR ST	4
4500090024	9	24	19TH & WHITTIER	12

4500080041	8	41	1009 ARBOR ST & WHITTIER	6
4500100012	10	12	1750 WHITTIER AVE	6
4500180010	18	10	890 DARRELL	6
4500180018	18	18	726 W WILSON ST	8
4500180040	18	40	726 WILSON	12
4500180068	18	68	878 W WILSON	6
4500190001	19	1	2130 FEDERAL AVE	6
4500190002	19	2	PLUM @ FEDERAL	4
4500190103	19	103	PINE & FEDERAL	4
4500190008	19	8	2094 CONTINENTAL AVE	8
4500190010	19	10	890OAK	8
4500190086	19	86	913 OAK	8
4500190084	19	84	924 OAK STREET	8
4500190016	19	16	NATIONAL & VICTORIA	12
4500190061	19	61	2163 NATIONAL	6
4500190128	19	128	2190 NATIONAL	8
4500190063	19	63	SENATE & NATIONAL	6
4500190089	19	89	RALEIGH & VICTORIA	8
4500190065	19	65	WALLACE & HAMILTON	12
4500190068	19	68	WALLACE & HAMILTON	12
4500190111	19	111	PLACENTIA & VICTORIA	8
4500190098	19	98	720 VICTORIA	8
4500320005	32	5	684 DARRELL	6
4500320055	32	55	WILSON ST & HARBOR BLVD	12
4500330001	33	1	2182 POMONA	6
4500330131	33	131	543 VICTORIA	6
4500330088	33	88	HAMILTON & MAPLE	12
4500330017	33	17	530 HAMILTON & MEYER	12
4500330006	33	6	HARBOR & VICTORIA	12
4500330010	33	10	HARBOR & VICTORIA	12
4500330015	33	15	HARBOR & HAMILTON	12
4500330096	33	96	HARBOR & HAMILTON	12
4500320090	32	90	621 WILSON ST	8
4500330037	33	37	POMONA & HAMILTON	12
4500440040	44	40	286 JOANN	6
4500440076	44	76	2314 COLGATE	10
4500440092	44	92	2358 HARBOR	8
4500450029	45	29	408 HAMILTON	12
4500450083	45	83	BISCAYNE & BRIGHTON SPRINGS	6
4500450084	45	84	BISCAYNE & BRIGHTON SPRINGS	6
4500450087	45	87	419 BRYSON SPRINGS	6
4500430088	43	88	208 DARTMOUTH	6
4500540085	54	85	2330 VANGUARD WY	8
4500540087	54	87	2330 VANGUARD WAY	8
4500540088	54	88	2330 VANGUARD WY	8
4500070158	7	158	1175 GLENEAGLES	4
4500070047	7	47	2157 PACIFIC AVE	6

4500450021	45	21	NEWPORT & 22ND ST	6
45054A0083	54A	83	NEWPORT & 23RD ST	8
4500750021	75	21	NONE	12
4500760097	76	97	CECIL PL & CATHERINE PL	6
4500760009	76	9	2240 JEANETTE	6
4500760056	76	56	ASTER & LILAC	6
4500760003	76	3	COTTAGE & WESTMINSTER	6
4500060006	6	6	WILSON & REPUBLIC AVE	6
4500060060	6	60	WILSON & REPUBLIC AVE	8
4500060015	6	15	2277 PACIFIC AVE	6
4500060002	6	2	2295 PACIFIC	6
4500060021	6	21	REAR 2243 PACIFIC	6
4500060075	6	75	2231 PACIFIC AVE	6
4500060030	6	30	WILSON & CANYON	12
4500060067	6	67	WILSON & CANYON DR	12
4500060017	6	17	2350 CANYON DR	6
4500190034	19	34	930 OAK ST	8
4500070017	7	17	PACIFIC AVE	12
4500070021	7	21	1209 LAS ARENAS WAY	6
4500060019	6	19	2210 PACIFIC AVE	6
4500070050	7	50	NONE	6
4500070024	7	24	NONE	6
4500070025	7	25	NONE	6
4500070026	7	26	NONE	6
4500070002	7	2	WESTWARD WY & WESTWARD LN	8
4500080020	8	20	BALBOA & DISCOVERY	12
4500080004	8	4	GROVE PL & STATE AVE	6
4500080005	8	5	1020 GROVE PL & STATE AVE	6
4500080045	8	45	2050 REPUBLIC AVE	6
4500070117	7	117	SEA COVE & STONE BROOK LN	8
4500080051	8	51	1933 REPUBLIC	6
4500080052	8	52	1933 REPUBLIC AVE	6
4500080001	8	1	1935 SUNDANCE LN	8
4500080027	8	27	1935 SUNDANCE LN & SUNDANCE	8
4500080028	8	28	SUNDANCE LN	6
4500080029	8	29	1939 SUNDANCE LN	8
4500080011	8	11	1010 GROVEPL	4
4500080070	8	70	END OF STARBURST COURT	8
4500200103	20	103	1965 PLACENTIA IN YARD	8
45023B0052	23B	52	1433 SUPERIOR	6
45023B0053	23B	53	1421 SUPERIOR AVE	6
4500210052	21	52	867 19TH ST	8
4500210060	21	60	1903 FEDERAL	8
4500210062	21	62	19TH & MONROVIA	8
4500210078	21	78	19TH & FEDERAL	8
4500210132	21	132	19TH & MONROVIA	8
4500200099	20	99	1924 MONROVIA	8

4500200007	20	7	2000 CONTINENTAL ON W. 20TH	6
4500200045	20	45	2000 FEDERAL	6
4500200046	20	46	1990 FEDERAL	6
4500200011	20	11	2000 CONTINENTAL	6
4500200070	20	70	2000 MONROVIA	6
4500200071	20	71	900 W 20TH	4
4500200072	20	72	883 20TH ON MONROVIA	8
4500200001	20	1	1983 MONROVIA	6
4500200075	20	75	1954 MONROVIA AVE	8
4500230046	23	46	BLUE FIN & NAUTICAL MILE	6
4500230085	23	85	BLUE FIN AND NAUTICAL MILE	6
4500230086	23	86	SHELL PRINT CT @ NAUTICAL MILE	6
4500230016	23	16	SHELL PRINT CT @ NAUTICAL MILE	6
4500790002	79	2	WESTMINSTER & SPARKS ST	8
4500950003	95	3	1725 TUSTIN AVE	6
4500950004	95	4	ABBIE WY & IRVINE AVE	6
4500940042	94	42	BROADWAY & TUSTIN	6
4500940022	94	22	TUSTIN & BROADWAY	6
4500940051	94	51	TUSTIN AVE & BROADWAY	10
4500950053	95	53	18TH & TUSTIN	6
4500950034	95	34	TUSTIN AVE & 18TH ST	10
4500940015	94	15	TUSTIN & 19TH	10
4500930010	93	10	IRVINE & 20TH ST	8
4500780089	78	89	SANTA ANA & 19TH ST	10
4500780031	78	31	COSTA MESA & FULLERTON	6
4500770016	77	16	2020 SANTA ANA AVE	6
4500770042	77	42	WESTMINSTER & ESTHER	6
4500770064	77	64	WESTMINSTER & ESTHER	6
4500780092	78	92	IN ALLEY AT 115 FLOWER ST	4
45046A0012	46A	12	1901 NEWPORT BLVD	8
4500450001	45	1	324 GULF STREAM WAY	6
4500460025	46	25	GULF STREAM & CANAL WAY	6
4500350076	35	76	1782 CRESTMONT PL	6
4500790023	79	23	1702 NWPT ON 17TH	12
4500350042	35	42	REAR OF 665 PARK	6
4500350125	35	125	644 SHALIMAR	6
4500350043	35	43	POMONA & W 18TH ST	8
4500220037	22	37	711 W 17TH ST	8
4500210107	21	107	1837 WALLACE	6
4500200104	20	104	1965 PLACENTIA IN YARD	8
4500190119	19	119	2965 PLACENTIA AVE	8
4500200094	20	94	721 20TH ST	6
4500200093	20	93	20TH ST & PALACE AVE	6
4500350029	35	29	18TH & VIOLA PL	6
4500350100	35	100	WEST 18TH ST & ANAHEIM	8
4500350065	35	65	1835 NEWPORT BLVD	6
4500350066	35	66	1835 NEWPORT BLVD	6

4500350033	35	33	1835 HARBOR BLVD & NEWPORT BLVD	10
4500350176	35	176	19TH & HARBOR	6
4500350035	35	35	652 CENTER ST	10
4500340042	34	42	2000 HARBOR BLVD	6
4500230120	23	120	15TH & PLACENTIA	6
4500210081	21	81	SHALIMAR AND PLACENTIA AVE	6
4500220140	22	140	17TH & 1700 PLACENTIA AVE	10
4500080043	8	43	SEA TERRACE & MEADOW VIEW LN	6
4500070138	7	138	1027 WESTWARD WAY	6
4500310002	31	2	NONE	8
4500310004	31	4	NONE	8
4500310044	31	44	NONE	8
4500310045	31	45	NONE	8
4500650157	65	157	NONE	8
4500650159	65	159	NONE	8
4500650160	65	160	NONE	8
4500650166	65	166	NONE	8
4500650167	65	167	NONE	8
4500650168	65	168	NONE	8
4500650173	65	173	NONE	8
4500650174	65	174	NONE	8
4500120036	12	36	1812 ALASKA AVE	6
4500120086	12	86	CALIFORNIA & NEW HAMPSHIRE	12
4500120087	12	87	CALIFORNIA & HAWAII	6
4500130052	13	52	3096 BALI CIR	6
4500130012	13	12	1766 HAITI CIR	6
45011A0009	11A	9	3595 CADILLAC AVE	6
4500130002	13	2	3197 CAPE VERDE PL	6
45011A0023	11A	23	3580 CADILLAC AVE	6
4500110012	11	12	SUBURBIA PARK	8
4500110015	11	15	SUBURBIA PARK	10
4500110017	11	17	3505 SUNFLOWER	8
4500110018	11	18	SUNFLOWER	8
4500110021	11	21	3540 CADILLAC AVE	6
4500110066	11	66	CADILLAC IN COMPLEX BEHIND G1	8
4500110070	11	70	3505 CADILLAC H-4	8
4500060077	6	77	NONE	6
4500060072	6	72	NONE	6
4500060073	6	73	NONE	6
4500270012	27	12	GISLER E OF CINNAMON	12
4500270039	27	39	NONE	12
4500270005	27	5	3146 BARBADOS	6
4500270010	27	10	3129 CINNAMON	8
4500380027	38	27	3330 HARBOR REAR OF	8
4500370056	37	56	3350 CORTE VENOSA	8
4500370024	37	24	3350 CORTE VENOSA	8
4500370025	37	25	VIA TRENTINO & CORTE VENOSA	8

4500370026	37	26	VIA TRENINO & CORTE VENOSA	8
4500370028	37	28	VIA TIVOLI & CORTE VENOSA	8
4500370029	37	29	VIA TIVOLI & CORTE VENOSA	2
4500370039	37	39	VIA MERANO & CORTE VENOSA	8
4500370005	37	5	VIA MERCADO & CORTE VENOSA	8
4500370058	37	58	VIA MERANO & CORTE VENOSA	2
4500370063	37	63	VIA LUCA	8
4500370009	37	9	NONE	8
4500370043	37	43	CORTE ALEMANO	8
4500370044	37	44	VIA FONTENAY & CORTE ALEMANO	8
4500370031	37	31	VIA FONTENAY & CORTE ALEMANO	8
4500370032	37	32	3376 CORTE CASSIS	8
4500370045	37	45	3376 CORTE CASSIS	8
4500370011	37	11	3386 CORTE CASSIS	8
4500370033	37	33	3386 CORTE CASSIS	8
4500370034	37	34	SUSAN @ VIA LUCA	8
4500370036	37	36	1375 SUNFLOWER	12
4500370047	37	47	1301 SUNFLOWER AVE	12
4500260024	26	24	NONE	10
4500260025	26	25	NONE	10
4500260026	26	26	NONE	10
4500260091	26	91	1503 SOUTH COAST DR	8
4500260061	26	61	1515 SOUTH COAST DR	12
4500260069	26	69	1634 IOWA	12
4500260057	26	57	3268 MISSOURI & DAKOTA	6
4500240078	24	78	3585 HARBOR GATEWAY N	8
4500240049	24	49	3585 HARBOR GATEWAY N	8
4500240052	24	52	1695 MAC ARTHUR BLVD	6
4500390032	39	32	COLLEGE & WATSON	6
4500390080	39	80	CHEMIN DE FER & DEAUVILLE	6
4500390089	39	89	1288 LONDONDERRRY	6
4500390093	39	93	1370 WATSON	4
4500390003	39	3	WATSON & SHAMROCK	6
4500250128	25	128	3555 HARBOR GATEWAY SOUTH	6
4500250104	25	104	1580 CORPORATE DR	6
4500470020	47	20	KING ST	8
4500500164	50	164	1175 BAKER ST B	2
4500350028	35	28	HARBOR & 19TH	12
45011A0051	11A	51	3590 CADILLAC AVE	8
4500350129	35	129	19TH & PARK	6
4500530035	53	35	FAIR & FAIRVIEW	12
4500530033	53	33	FAIR & FAIRVIEW	12
4500530089	53	89	FAIR & FAIRVIEW	6
4500510013	51	13	1023 PALMETTO	8
4500510014	51	14	1026 PALMETTO	8
4500510015	51	15	1028 PALMETTO	8
4500940084	94	84		6

4500840008	84	8	JOHN WAYNE AIRPORT	10
4500090007	9	7	1036-1042 W 18TH ST	8
4500090004	9	4	1036-1042 W 18TH ST	8
4500530109	53	109	55 FAIR DR	8
4500850029	85	29	PAULARINO GATE IMPROVEMENT	12
4500330147	33	147	AVERY LANE	8
4500330150	33	150	DONOVAN LANE	8
4500330153	33	153	DONOVAN LANE	8
4500330149	33	149	BELLA COURT	8
4500220162	22	162	<Null>	8
4500360129	36	129	617 W 17TH STREET	8
4500360133	36	133	617 W 17TH STREET	8
4500360136	36	136	617 W 17TH STREET	8
4500360142	36	142	617 W 17TH STREET	8
4500360145	36	145	617 W 17TH STREET	8
4500360147	36	147	617 W 17TH STREET	8
4500360151	36	151	617 W 17TH STREET	8
4500360155	36	155	617 W 17TH STREET	8
4500360157	36	157	617 W 17TH STREET	8
4500230133	23	133	1560 PLACENTIA AVENUE	6
4500230134	23	134	1560 PLACENTIA AVENUE	6
4500230135	23	135	1560 PLACENTIA AVENUE	6
4500230136	23	136	1560 PLACENTIA AVENUE	6
4500230138	23	138	1560 PLACENTIA AVENUE	6
4500230139	23	139	1560 PLACENTIA AVENUE	6
4500360112	36	112	617 W 17TH STREET	8
4500360120	36	120	617 W 17TH STREET	8
4500230145	23	145	1560 PLACENTIA AVENUE	6
4500230148	23	148	1560 PLACENTIA AVENUE	8
4500230150	23	150	1560 PLACENTIA AVENUE	6
4500230151	23	151	1560 PLACENTIA AVENUE	6
4500230152	23	152	1560 PLACENTIA AVENUE	6
4500230153	23	153	1560 PLACENTIA AVENUE	6
4500230155	23	155	1560 PLACENTIA AVENUE	6
4500300173	30	173	2626 HARBOR BLVD	8
4500300171	30	171	2626 HARBOR BLVD	8
4500420060	42	60	2626 HARBOR BLVD	8
4500420059	42	59	2626 HARBOR BLVD	8
4500420058	42	58	MERRIMAC WY	8
4500370006	37	6	1301 SUNFLOWER AVE	12
4500180012	18	12	886 JOANN	8
4500180022	18	22	878 JOANN	8





*Dedicated to  
Satisfying our Community's  
Water Needs*

## MEMORANDUM

TO: Board of Directors  
FROM: Marwan Khalifa, CPA, MBA, Chief Financial Officer  
DATE: August 25, 2020  
SUBJECT: Surplus Property

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### RECOMMENDATION

Declare the Ford F-450 and the Ford F800 Boom Truck as surplus and authorize the General Manager to dispose of the items for consideration within the established rules and regulations set forth by Resolution No. 1513 Disposal of Surplus Property.

### STRATEGIC PLAN

Goal #3: Be financially responsible and transparent.

### PRIOR BOARD ACTION/DISCUSSION

At its June 21, 2018 meeting, the Finance Committee adopted Resolution No. 1513 Updating the Rules and Regulations for Disposal of Surplus Property of Mesa Water District Superseding Resolution No. 1463.

This resolution updates the rules and regulations for the disposal of property that Mesa Water determines as no longer necessary to carry out the powers and the purposes of the District to meet present or future needs. Further, Resolution No. 1513 requires all surplus personal property, regardless of the amount, to be approved by the Board prior to disposition. The resolution also specifies that the General Manager, acting in the best interest of the District, may use any of the prescribed methods approved by the Board for disposal of the assets.

### DISCUSSION

This document serves as the written report of the disposal of Surplus Personal Property, including the manner of disposal utilized, which is provided to the Board prior to disposition.

All proposed surplus items were either expensed at the time of purchase or have no undepreciated book value.

#### **Unit 27 – 2005 Ford F-450 (VIN –1FDXF46Y15EB48889)**

Unit 27 is fifteen (15) years old. The truck has not been used recently and is awaiting disposal. The unit currently has 97,447 miles. The original acquisition cost was \$31,959.73.

#### **Unit 60 – 1992 Ford F800 Boom Truck (VIN –1FDXK84A9NVA12549)**

Unit 60 is twenty-eight (28) years old. The boom truck has not been used recently and is awaiting disposal. The unit currently has 13,168 miles. The original acquisition cost was \$82,280.00.

“Disposal by Remarketing Service Provider” has been chosen as the method of disposal.



FINANCIAL IMPACT

None.

ATTACHMENTS

None.



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Water Needs*

## MEMORANDUM

TO: Board of Directors  
FROM: Phil Lauri, P.E., Assistant General Manager  
DATE: August 25, 2020  
SUBJECT: Capital Improvement Program Renewal Update

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### RECOMMENDATION

Approve the Mesa Water Education Center Design Concept and authorize staff to proceed with design development activities.

### 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 March 12, 2020 meeting, the Board approved the proposed Capital Improvement Program Renewal (CIPR).

At its May 14, 2020 meeting, the Board awarded contracts to six consulting firms to provide on-call professional design services to support the CIPR effort.

At its August 13, 2020 meeting, the Board awarded contracts to five consulting firms to provide on-call professional construction management and inspection services to support the CIPR effort.

### BACKGROUND

In 2014, Mesa Water updated its Water Master Plan Update (Master Plan). The Capital Improvement Plan (CIP) identified \$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 future water supply needs to meet future population growth and continued 100% local reliability. Project prioritization was defined and assigned in the following three categories:

- Priority 1: 0-5 years
- Priority 2: 6-10 years
- Priority 3: >10 years

Priority 1 projects included the Well Automation Project, Reservoirs 1 and 2 Silencer and Roof Replacements, OC-44 Pipeline Rehabilitation, Imported Water Turnout Meter Replacements, and implementation of a Pipeline Integrity Testing Program to identify remaining useful life of Mesa Water's pipeline infrastructure. Another key Priority 1 project identified the need for Mesa Water to provide 115% of its peak demands from the principal ground water aquifer. Some of the Priority 2



and 3 projects include the replacement of aging distribution system pipelines identified through the Pipeline Integrity Testing Program, refurbishment of pipeline cathodic protection, reservoir natural gas engine replacements, and abandonment of end-of-life imported water metering vaults. With many of the Priority 1 projects completed or in progress, Mesa Water is focusing on the Priority 2 and 3 projects.

At the March 12, 2020 meeting, a proposed \$70MM Capital Improvement Program Renewal (CIPR) was presented to the Board that outlined the main capital replacement programs, costs, and schedules. The Board approved the proposed CIPR and instructed staff to proceed with funding options. At the May 14, 2020 meeting, the Board approved staff to solicit Certificates of Participation funding to undertake the CIPR.

**DISCUSSION**

**Capital Improvement Program Renewal (CIPR)**

Mesa Water’s CIPR initiative is divided into five main programs: 1) Wells, 2) Reservoirs, 3) Distribution, 4) Routine Capital, and 5) District Facilities. The CIPR is scheduled to span across fiscal years 2020 through 2023. The following is an update for each of the aforementioned Fiscal Year (FY) 2021 programs and projects:

- 1. Wells:** The Well Program has one main project (two new wells and pipeline) and has a total budget of **\$15.23MM**. The following provides a project update:

<b>Program:</b> Wells				
<b>Project:</b> Chandler & Croddy Wells & Pipeline				
<b>Description:</b> The Well Program is a key initiative for Mesa Water to maintain its ability to serve its customers water demands with 100% local groundwater supplies and achieve the Board’s goal of being able to achieve 115% of its demands in any season. Two new wells will be constructed on two commercial properties purchased in the City of Santa Ana along with approximately 4,600 feet of pipeline to connect to Mesa Water’s distribution system.				
<b>Status:</b> The Chandler & Croddy Wells and Pipeline Project will be constructed in four phases and bid packages as follows:				
<ul style="list-style-type: none"> <li>• <b>Demolition:</b> Awarded July 2020</li> <li>• <b>Well Drilling:</b> Awarded August 2020</li> <li>• <b>Well Equipping/Site Work:</b> Award in November 2020</li> <li>• <b>Pipeline Construction:</b> Award in November 2020</li> </ul>				
Hazardous material abatement and demolition of the existing commercial buildings at both sites started in mid-August. Work is scheduled to last 90 calendar days. Well drilling work will commence as soon as site demolition is completed and will last approximately 6 to 8 months. Well equipping and site work will commence once well drilling and pump testing is completed and is expected to last 17 months. Pipeline construction is expected to start in February 2021 and take 8 months. Project completion is scheduled for June 2022.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
\$1,011,800	\$ 972,480	\$13,546,164 <sup>1</sup>	\$ 475,000	\$ 16,005,444

Note 1: Total construction costs are partially estimated as not all contract packages have been bid to date.

- 2. Reservoirs:** The Reservoir Program has three main projects and has a total program budget of **\$10.56MM**. The three projects include assessment, design and construction of: a) Water,



Power, and Supply Chain Reliability Assessment, b) Real-Time Chemical Management Systems, and c) Pump, Motor, and Control System Replacement. The FY 2021 project summaries are as follows:

<b>Program:</b> Reservoirs				
<b>Project:</b> Water, Power, & Supply Chain Reliability Assessment				
<b>Description:</b> This project will assess the District's water and power supply reliability and identify potential gaps to maintain 115% of Mesa Water's demands using local groundwater supplies. This project will also assess Mesa Water's supply chain reliability during an emergency event and identify potential gaps in supplies, services, and single points of failure. Recommended mitigation approaches (e.g., Back-up power requirements, energy drive systems, emergency resources and equipment, etc.) and associated cost will be provided in a series of three technical memos. Recommendations from this assessment will be integrated into the reservoir projects and other programs as related.				
<b>Status:</b> The Water, Power, and Supply Chain Reliability Assessment was awarded to a CIPR On-call design Consultant. The kick-off meeting was held July 20. The Water Supply Assessment (TM-1) will be submitted for review in mid-August. The Energy Reliability Assessment (TM-2) will be submitted in mid-September and the Supply Chain Reliability Assessment (TM-3) will be submitted in late October. Findings and recommendations will be presented to the Board at a fall Committee meeting.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
\$298,526	N/A	N/A	N/A	\$298,526

3. **Distribution:** The Distribution Program has four main projects and a total budget of **\$21.7MM**. The four main projects include: a) Rehabilitation/abandonment of 11 large vaults hosting divisional valves, unused pressure relief valves, or intertie connections with neighboring agencies, b) Mainline valve replacements, c) Replacement of approximately 4 miles of 6" to 12" steel pipelines approaching the end-of-life, and d) Replacement of 260+ service line replacements. The FY 2021 project summaries are as follows:

<b>Program:</b> Distribution				
<b>Project:</b> Vault Rehabilitation & Abandonment				
<b>Description:</b> This project will rehabilitate one of Mesa Water's larger divisional valve vaults along the OC-44, five intertie connections, and abandonment of three older unused turn-outs and two unused pressure relief stations. Rehabilitation work includes replacement of valves and piping and addition of ventilation fans, lighting, sump pumps, and re-coating of vault interiors.				
<b>Status:</b> The scope of work was developed with the Operations Department and a request for task order proposals was released to the CIPR On-call design Consultants in mid-August. Work will be awarded at the end of August and design work is scheduled to take 150 calendar days. Upon receipt of final bid documents construction bids will be solicited.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
\$476,700 <sup>2</sup>	\$317,800 <sup>2</sup>	\$3,178,000 <sup>2</sup>	\$30,000 <sup>2</sup>	\$4,002,000 <sup>2</sup>

Note 2: Estimated costs. Task order proposals are due on August 20, 2020.

<b>Program:</b> Distribution				
<b>Project:</b> Valve Spacing Optimization				
<b>Description:</b> This project will assess Mesa Water’s existing valve spacing based on AWWA standards and population levels of service. This analysis will allow Mesa Water to develop a valve spacing standard that will provide a minimum level of operational and service standards enabling field crews to perform repair/maintenance work while minimizing service outages and impacts to Mesa Water’s customers. The deliverables from this project will include a white paper narrative outlining the analysis process, a draft Valve Spacing Policy for the Board’s consideration, and recommended valve replacement strategy that will be used to perform four phased valve design and construction packages of approximately 145 mainline valves. This project will also identify redundant valves to be abandoned in place and the addition of new valves at strategic locations.				
<b>Status:</b> Mesa Water is using a CIPR design task order to perform this analysis. This work started in early July 2020. Over 500+ valves have been identified for abandonment in place and approximately 400 new valves to be installed at optimized locations as these valves fail or as the pipelines are replaced. Draft deliverables are being finalized and will be presented to the Board at an upcoming Committee meeting. The Valve Project design efforts will be initiated upon Board approval of the Valve Spacing Policy.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
\$50,000	N/A	N/A	N/A	\$50,000

<b>Program:</b> Distribution				
<b>Project:</b> Wilson Pipeline Replacement				
<b>Description:</b> This project will replace approximately 4,600 feet of 12” cement mortar lined and coated (CMLC) steel pipeline from Harbor Blvd. to Newport Beach Blvd. Work will also include replacement of fire hydrants, service laterals, and mainline valves. This work is being moved forward in the CIPR schedule to coordinate the repaving effort of Wilson Avenue with the City of Costa Mesa Public Works Department. Design is scheduled to take 180 calendar days.				
<b>Status:</b> Work for this project was awarded via task order proposals to the selected CIPR On-call design Consultant and a design kick-off meeting was conducted on August 10, 2020. Deliverables will include a preliminary design report (PDR), 50% and 90% plans and specs, and a final construction bid package. Construction bids will be competitively solicited with the start of construction scheduled for April 2021.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
\$271,764	\$200,000 <sup>3</sup>	\$1,900,000 <sup>3</sup>	\$30,000 <sup>3</sup>	\$2,401,764 <sup>3</sup>

Note 3: Costs are estimated.

- 4. Routine Capital:** Mesa Water maintains and funds a routine operations capital replacement program each year as part of its regular annual budgeting process. Routine operations capital replacement work includes mainline and fire hydrant valve replacements, small and large meter replacements, service line replacements, air-vacuum valves replacements, and other miscellaneous responsive capital repair work (e.g., mainline repairs, service line repairs, etc.). This program is funded at approximately \$1MM each year, which includes labor, parts, equipment, and District overhead. As part of the CIPR, the Routine Capital Program will continue to be funded at **\$1MM** each year.

Through the end of July 2020, District staff had performed 3 fire hydrant upgrades, 5 main line valve replacements, replacement of 27 small meters, exercised a total of 408 mainline and fire hydrant valves, and repaired two mainline leaks. A more detailed work performance report can be viewed in the Committee meeting packet.



5. **District Facilities:** This program has seven main projects and has a total budget of **\$6.21MM**. The seven main projects include a) Design and construction of the MWRF Outreach Center, b) MWRF Parking Improvements, c) Development and implementation of the MWRF Education Program, d) Design and implementation of a District-wide security system, e) Construction of garage storage system, f) Design and construction of MWRF and well parts storage buildings, and g) Design and construction of a soils dewatering pit.

<b>Program: Facilities</b>				
<b>Project: MWRF Outreach Center</b>				
<b>Description:</b> This project will provide an education and outreach center for Mesa Water customers and students to learn about the value of Mesa Water's 100% local groundwater reliability and other regional water supplies. The outreach center will renovate the existing onsite Mesa Water Administration Building and will integrate the District's existing Redwood Trees and Native Plant Gardens with the MWRF Outreach Center. The Consultant's design effort also includes the design of two on-site MWRF spare parts storage buildings and an off-site wells parts storage facility to be located at Well 7.				
<b>Status:</b> Work for this project was awarded to IBI Architects and a design kick-off meeting was conducted on April 27, 2020. Deliverables include conceptual design layouts, design development plans and specs, and a final construction bid package. Conceptual design renderings will be presented to the Board at the upcoming Committee meeting for their feedback. Work on the design development phase will begin once consensus of the conceptual design renderings are approved. Construction bids will be competitively solicited with the start of construction scheduled for spring 2021.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
\$574,330	TBD	TBD	TBD	TBD

<b>Program: Facilities</b>				
<b>Project: MWRF Parking Improvements</b>				
<b>Description:</b> This project provides 58 new parking spaces along Gisler Avenue spanning from the eastern entrance of the MWRF to approximately 200 feet east of College Avenue. This project will accommodate parking for future outreach and education events. The parking design includes parking pavers and drought tolerant landscape to support a sustainable project approach.				
<b>Status:</b> Work for this project was competitively awarded to GMC Engineering and construction commenced on June 29, 2020. Work was scheduled to last 90 calendar days. Construction management and inspection services are provided by Butier Engineering. Work was substantially completed on August 21, 2020, well ahead of schedule. Punch list items are being addressed and potential change orders are being evaluated.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
N/A	\$98,608	\$697,000 <sup>4</sup>	\$30,800	\$826,408

Note 4: Change orders not included.

<b>Program:</b> Facilities				
<b>Project:</b> MWRF Education Program				
<b>Description:</b> This project provides design of the education and outreach center exhibits. This effort includes developing an exhibit curriculum that meets local 4 <sup>th</sup> grade education requirements along with exhibitory curriculum for regional water supplies. Exhibits will be integrated into the new MWRF Outreach Center multi-purpose room.				
<b>Status:</b> A requests for proposals was solicited from experienced exhibit Consultants. Proposals were received from the Bowman Design Group and Mad Systems. Selection interviews were held on July 23, 2020. Mad Systems was selected to provide the MWRF Education Program exhibit designs services. Exhibit design is scheduled to take approximately four months and exhibit construction will take approximately 8 months. Exhibit installation will occur at completion of the MWRF Outreach Center construction in the fall of 2021.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
\$499,800	N/A	TBD	N/A	TBD

<b>Program:</b> Facilities				
<b>Project:</b> Security System Replacement				
<b>Description:</b> This project provides an integrated security system across all of Mesa Water’s facilities. It will replace the end-of-life individual security systems currently installed at each of Mesa Water’s facilities. System design and implementation will include perimeter security protocols, a CCTV and recording technology platform, and alarm monitoring and reporting system.				
<b>Status:</b> A design task order was issued to the selected CIPR On-call design Consultant on August 17, 2020. A conceptual design report will be provided in mid-September 2020 as the first deliverable detailing the types of security systems that best meet Mesa Water’s needs and industry standards, recommended level of security, best available technology approach, cost estimate, available vendors, and schedule for design and implementation. Upon approval of the conceptual design, formal design documents will be developed followed by a construction bid solicitation.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
\$90,400	TBD	TBD	TBD	TBD

<b>Program:</b> Facilities				
<b>Project:</b> Garage Storage				
<b>Description:</b> This project repurposes the existing Mesa Water vehicle repair and maintenance garage for equipment and parts storage. The District’s existing warehouse is limited in storage capacity which requires spare stock supplies to be stored outside. An additional warehouse will provide enhanced storage capacity with appropriate storage protocols and security.				
<b>Status:</b> The first phase of the Garage Storage Project was completed in May 2020. This work demolished the existing vehicle service jacks, hydraulic oil systems, air compressors, removal of the mechanical maintenance equipment, concrete work, and interior recoating. The second phase will design and install storage racks and supporting facilities. The second phase will be delayed until the COVID-19 processes are no longer required as the garage is being used as the Operations meeting room to allow for social distancing.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
\$0	N/A	\$109,225 <sup>5</sup>	N/A	\$109,225

Note: 5: Includes \$30,000 budgeted for garage storage and rack systems.





<b>Program:</b> Facilities				
<b>Project:</b> Wells & MWRf Parts Storage				
<b>Description:</b> This project provides a storage facility at Well 7 and two on-site MWRf storage facilities. These facilities will be used to store the necessary spare parts to allow for seamless operations, maintenance, and emergency repair work.				
<b>Status:</b> This work is being combined with the design of the MWRf Outreach Center Project. The design Consultant has completed the conceptual design documents and reviewed them with District staff. Design drawings will be developed concurrently with the MWRf Outreach design effort. Construction of these facilities will be bid and constructed along with the MWRf Outreach Center.				
<b>Design</b>	<b>CM/Inspection</b>	<b>Construction</b>	<b>ESDC</b>	<b>Total</b>
See MWRf Outreach	See MWRf Outreach	\$1,055,015	See MWRf Outreach	\$1,055,015

**Schedule**

A majority of the CIPR projects are on schedule and progressing through the design and construction process. Two projects - the Valve Optimization Assessment and the Water, Power, and Supply Chain Reliability Assessment - are critical to complete as the findings and recommendations from these projects will provide the required guidance to initiate the design of the remaining FY 2021 Reservoir and Distribution Program projects.

FINANCIAL IMPACT

The CIPR budget expenditure was approximately \$650,000 for July 2020. Total FY 2021 CIPR expenditures are forecasted to be \$20.97MM.

ATTACHMENTS

None.



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Water Needs*

## MEMORANDUM

TO: Board of Directors  
FROM: Celeste Carrillo, Public Affairs Coordinator  
DATE: August 25, 2020  
SUBJECT: Mesa Water Education Center Program

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### RECOMMENDATION

Award contracts to Mad Systems for \$499,800 for the Mesa Water Education Center Program exhibit design and installation; and to Orange County Department of Education for \$26,000 for the development, implementation, and facilitation of the first year of the education program.

### STRATEGIC PLAN

Goal #4: Increase public awareness about Mesa Water® and about water.

Goal #6: Provide outstanding customer service.

Goal #7: Actively participate in regional water issues.

### PRIOR BOARD ACTION/DISCUSSION

At its March 12, 2020 meeting, the Board of Directors (Board) approved the Capital Improvement Program Renewal (CIPR) which includes the design and construction of the Mesa Water Reliability Facility and Education Center (Mesa Water Education Center), MWRF parking improvements, and the development and implementation of the Education Center Program.

### DISCUSSION

Mesa Water's Education Center's target audience will be children, families, and schools, but will also include adults, as the facility will also serve as avenue for various events. Some visitors will attend the facility to learn about water treatment, while others will visit the facility to go to the demonstration gardens to learn about water use efficiency. Whatever the initial motivation of visitors, Mesa Water wants to capture their imagination, engage their intellect, and stimulate their curiosity about water.

Staff interviewed nine education program organizations regarding their program development, key elements, and facilities.

Organizations researched include:

1. Chino Basin Water Wise Community Center
2. Discovery Cube
3. Environmental Nature Center
4. Inside the Outdoors (an Orange County Department of Education program)
5. Institute of Conservation Research Education (ICRE)
6. Santa Clarita Valley Water District
7. The Water Replenishment District's Albert Robles Center for Water Recycling & Environmental Learning
8. Cucamonga Valley Water District, Frontier Project & Environmental Learning Center
9. Project WET



Key learnings from these interviews and research can be found in Attachment A.

The goal of the Education Center is to provide an interpretive experience intended to connect community visitors and students to the concepts of water resource management, regional and statewide water issues, Mesa Water’s history and role in the community, and its existing projects and programs. Staff has created a four-year plan to implement approximately 50 annual events at the Mesa Water Education Center by Fiscal Year (FY) 2025. Events include, but are not limited to: Mesa Water elementary education program, Mesa Water adult programming such as WUE classes and WISG, public tours, and hosting community partner events.

The table below shows a complete breakdown of this plan:

Fiscal Year	Field Trips	Other Educational Field Trips	WISG Events	Public Tours/ Neighborhood Chats	WUE Events	Community Events	Public Official Tours	Total
FY22	15	2	4	2	1	1	2	27
FY23	20	2	4	5	2	2	2	37
FY24	20	4	4	6	3	4	2	43
FY25	20	6	4	8	4	6	2	50

Other Education Field Trips: ICRE, Solar Cup, Boy Scouts/Girl Scouts, ENC Partnership, OCC Partnership

Mesa Water Events: Water Wise Landscaping, Smart Timer Give Away, Water Awareness Month Festival, WISG Public Tours, Neighborhood Chats

Community Events: Power of One Recognition Event, Costa Mesa Foundation Recognition Event, Horticultural Society Meetings, Industry Networking Events

Staff approached the CIPR in two segments: 1. incorporating an interpretive experience exhibitory within the new Education Center design, and 2. developing an education program.

**1. Exhibit Design:**

Staff received proposals from two experienced firms for exhibit design, fabrication, implementation, and installation services at the newly renovated Mesa Water Education Center.

Two firms were interviewed, including Bowman Design Group and Mad Systems & K2 Design and Fabrication. Both firms’ proposals were reviewed and evaluated by a selection panel comprised of Mesa Water staff. Although both firms provided a solid approach to the required scope of work and are well qualified to perform the work effort, it was determined that Mad Systems & K2 Design and Fabrication has significant experience with both utilities and water districts while also proving the best approach for Mesa Water’s education center. Staff will enter into a three-year contract starting August 2020.

Staff recommends the Board award a contract to Mad Systems for \$499,800 for exhibit design and installation.



## **2. Education Program Development:**

Mesa Water engaged an education consultant to develop education program activities and resources geared towards fourth graders, provide guidance to exhibitry consultants on exhibit themes, and facilitate the first year of the education program.

Staff researched and had conversations with eight education centers to discuss education best practices when implementing an education program. Three of the interviews were with Inside the Outdoors, Environmental Nature Center, and Discovery Cube, all organizations that specialize in program and curriculum development. Although all three organizations provided a solid approach and are well qualified to perform the work, it was determined, that Inside the Outdoors has significant experience working with government and school districts while also proving the best approach for Mesa Water.

Inside the Outdoors, administered by the Orange County Department of Education, was established in 1974 to empower students, teachers, parents, and the community to explore the natural world, while expanding their knowledge and understanding of science and the wonders of nature. All Inside the Outdoors programs support California Science Content Standards. Curriculum and teaching materials are developed by Inside the Outdoors staff who have university degrees in the fields of science and education.

Staff recommends the Board award a contract to Orange County Department of Education for \$26,000 for the development, implementation, and facilitation of the first year of the education program.

### FINANCIAL IMPACT

In Fiscal Year 2021, \$1MM is budgeted for Mesa Water's Education Center exhibitry and program.

### ATTACHMENTS

Attachment A: Mesa Water Education Center Program

## **Mesa Water Education Center Program**

Staff interviewed 8 education programs listed below. Unfortunately due to COVID-19 pandemic, staff only visited the The Ground Water Replenishment District's Albert Robles Center for Water Recycling & Environmental Learning program and the Environmental Nature Center in person.

1. Chino Basin Water wise Community Center
2. Discovery Cube
3. Environmental Nature Center
4. Inside the Outdoors
5. Institute of Conservation Research Education (ICRE)
6. Santa Clarita Valley Water District
7. The Water Replenishment District's Albert Robles Center for Water Recycling & Environmental Learning (Photos below)
8. Cucamonga Valley Water District, Frontier Project & Environmental Learning Center

Each program was asked the following questions and requested to provide any other notable feedback or learnings.

1. What is the main objective of your curriculum/program?
2. Who is your audience (families, children, adults)? How many attendees do you receive each year?
3. Did you design your curriculum/program in house or engage a consultant? If you engaged a consultant, would you mind providing their contact information?
4. Does the content or curriculum you teach meet the CA educational standards? If so, what was the process to ensure its approval?
  - a. Is your curriculum/program evidence-based? Do you have any proven outcomes from your program?
5. How long did it take to develop and then implement the curriculum/program?
6. How many people currently staff the program/center?
7. Did you design your space to coincide with your curriculum/program? If so, how did you achieve this?
8. Are you willing to meet with the Mesa Water team at a future date to discuss further?

### **Key Learnings:**

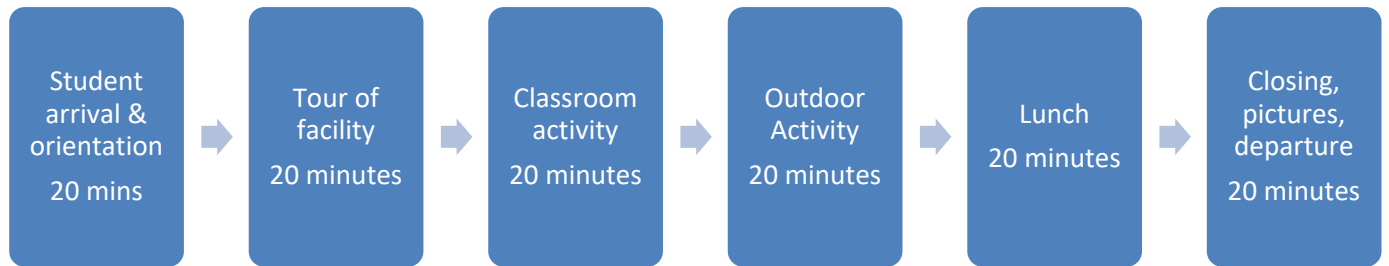
1. Most programs created their own education resources and materials.
  - a. ENC, Discovery Cube, and Inside the Outdoors can create education program/activities for us.

- b. Project Wet was highly recommended as a resource to create our own program. <https://www.projectwet.org/> Mesa Water has signed up for their virtual facilitator training.
2. Most programs worked with students elementary aged or started with students that age. High School students have more requirements for their science education programs.
3. Build rapport directly with teachers. It is at the teachers discretion if they want to participate a on field trip and education programs must “sell”
4. The number of students who attend vary based on staff available. Most recommend 2 staff per 25-35 students. To make it worth teacher’s time, total field trip time should be 2 hours.
5. Recommend paying for busing students to facility.
6. Look into grants from Arrow Head, Edison, and MET for funding.
7. Design notes: avoid touch screen exhibits, tend to run slow if many people are trying to use as once. Best if exhibit has an interactive component.
8. Depending on time of field trip, recommended a lunch break and lunch area. (Children could bring their own lunch).

**Recommendation:**

Staff advises that the District rolls out a phased field trip program beginning in February 2021.

Staff recommends bringing Inside the Outdoors, administered by the Orange County Department of Education, on board to design and implement the curriculum, gradually shifting teaching obligations to Mesa Water Staff.



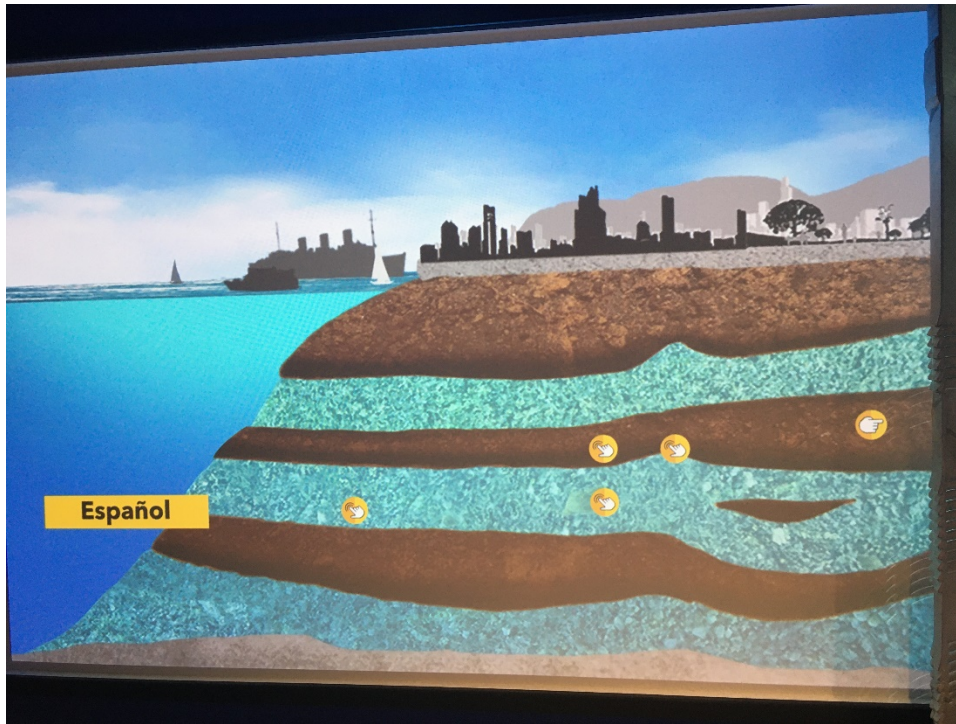
The Water Replenishment District's Albert Robles Center for Water Recycling & Environmental Learning Photos:

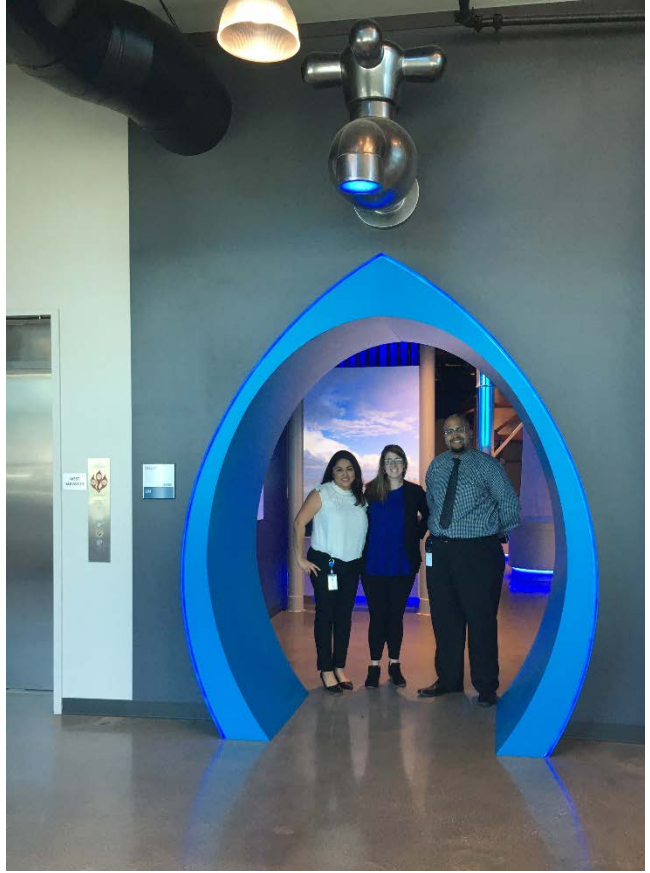














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Water Needs*

## MEMORANDUM

TO: Board of Directors  
FROM: Stacy Taylor, Water Policy Manager  
DATE: August 25, 2020  
SUBJECT: Independent Special Districts of Orange County Executive Committee Election

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### RECOMMENDATION

Review the Independent Special Districts of Orange County Executive Committee election information and discuss potential candidacy interest.

### STRATEGIC PLAN

Goal #4: Increase public awareness about Mesa Water® and about water.  
Goal #7: Actively participate in regional water issues.

### DISCUSSION

On August 3, 2020, Mesa Water District (Mesa Water®) received a letter from the Independent Special Districts of Orange County (ISDOC) calling for candidates to serve on its Executive Committee. The letter is the official notice for the election of six ISDOC Executive Committee positions: President, First Vice President, Second Vice President, Third Vice President, Treasurer, and Secretary. The term of office for these positions is two years, beginning January 1, 2021.

**Nominations for the ISDOC Executive Committee positions close on Friday, September 11, 2020.** Any Board Member/Trustee of a regular ISDOC member agency is eligible for nomination to any of the open positions. Individuals who wish to be considered for a position should submit a letter of interest for that position, together with a resolution from their Board of Directors (Board) authorizing their candidacy.

Ballots will be mailed to all regular ISDOC members in good standing on **Tuesday, September 15, 2020 and are due by October 23, 2020.** The election will be by mail ballot and new officers will be announced at ISDOC's October 29, 2020 Quarterly Meeting.

Attached is the information that Mesa Water received for the ISDOC Executive Committee Election. Staff can provide a verbal update about the ISDOC Executive Committee election to Mesa Water's Board at its August 25, 2020 meeting.

### FINANCIAL IMPACT

None.

### ATTACHMENTS

Attachment A: ISDOC Executive Committee Election Correspondence



Mailing Address

P.O. Box 20895  
Fountain Valley, CA 92728

Meeting Location

MWDOC/OCWD  
18700 Ward Street  
Fountain Valley, CA 92708

(714) 963-3058  
(714) 964-5930 fax

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

Executive Committee

President  
Hon. Sandra Jacobs  
*Santa Margarita Water District*

1<sup>st</sup> Vice President  
Hon. Mark Monin  
*El Toro Water District*

2<sup>nd</sup> Vice President  
Hon. Arlene Schafer  
*Costa Mesa Sanitary District*

3<sup>rd</sup> Vice President  
Hon. Mary Aileen Matheis  
*Irvine Ranch Water District*

Secretary  
Hon. Bill Green  
*South Coast Water District  
CSD*

Treasurer  
Hon. Joan C. Finnegan  
*Municipal Water District of  
Orange County*

Immediate Past President  
Hon. James Fisler  
*Mesa Water District*

Staff Administration

Heather Baez  
*Municipal Water District of Orange  
County*

Christina Hernandez  
*Municipal Water District of Orange  
County*

August 3, 2020

PLEASE DISSEMINATE TO ALL BOARD MEMBERS

This email shall serve as official notice and call for candidates for the positions of President, First Vice President, Second Vice President, Third Vice President, Secretary and Treasurer on the Executive Committee of the Independent Special Districts of Orange County (ISDOC).

Terms of office are for two years, commencing on January 1, 2021.

The election will be by mail ballot and new officers will be announced at the October 29, 2020 Quarterly Meeting. Ballots will be mailed to all regular ISDOC members in good standing on **Tuesday, September 15, 2020 and are due by October 23, 2020.**

**Nominations will close on Friday, September 11, 2020.** Any Board Member/Trustee of a regular ISDOC member agency is eligible for nomination to any of the open positions. Individuals who wish to be considered for a position should submit a letter of interest for that position, together with a resolution from their Board authorizing their candidacy.

Responsibilities of the positions are as follows:

**PRESIDENT:** The President is the chief executive officer of ISDOC. He or she presides at all meetings of the Board of Directors and the Executive Committee, appoints all committees, and represents ISDOC as its official spokesperson.

**FIRST VICE PRESIDENT:** The First Vice President chairs the Program Committee. Duties include planning the Quarterly Luncheon program, inviting and coordinating with the invited speaker, and in the absence of the President, shall perform all duties of the President.

**SECOND VICE PRESIDENT:** The Second Vice President chairs the Membership Committee. Duties include maintaining a list of current regular and associate members, follow up with any outstanding membership dues as needed, and in the absence of the President and First Vice President, shall perform all duties of the President.

**THIRD VICE PRESIDENT:** The Third Vice President chairs the Legislative Committee. Duties include providing a legislative update, making legislative position recommendations to the Executive Committee, and in the absence of the President, First Vice President, and Second Vice President, shall perform all duties of the President.

**SECRETARY:** The Secretary is responsible for all correspondence and the dissemination of information to members. Duties include preparing and distributing agendas and minutes for the Executive Committee meeting, and editing and publishing the quarterly newsletter. All official correspondence to the members will be approved in advance by the President or President's designee.

**TREASURER:** The Treasurer maintains the complete financial records and bank accounts in the name of the Organization, and pays all bills duly approved by the Executive Committee, with a report to be presented to the membership at the Organizations next membership meeting.

Meetings of the Executive Committee typically occur on the first Tuesday of each month at 7:30 a.m. in the offices of the Municipal Water District of Orange County (MWDOC) in Fountain Valley.

If you are seeking nomination to a position on the Executive Committee, please send your letter/email of interest and a copy of your Board's authorizing resolution to Heather Baez at [hbaez@mwdoc.com](mailto:hbaez@mwdoc.com). All nomination requests must be received by **Tuesday, September 11, 2020**.

If you have any questions about the any of the positions or the election process, please contact either Heather Baez at [hbaez@mwdoc.com](mailto:hbaez@mwdoc.com) or Christina Hernandez at [chernandez@mwdoc.com](mailto:chernandez@mwdoc.com).



**Mailing Address**

P.O. Box 20895  
Fountain Valley, CA 92728

**Meeting Location**

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18700 Ward Street  
Fountain Valley, CA 92708

(714) 963-3058  
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**Executive Committee**

**President**  
Hon. Sandra Jacobs  
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**Secretary**  
Hon. Bill Green  
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**Treasurer**  
Hon. Joan C. Finnegan  
*Municipal Water District of Orange County*

**Immediate Past President**  
Hon. James Fisler  
*Mesa Water District*

**Staff Administration**

**Heather Baez**  
*Municipal Water District of Orange County*

**Christina Hernandez**  
*Municipal Water District of Orange County*

# Independent Special Districts of Orange County

## 2020 Election Timeline

<b>August 3, 2020</b>	Call for nominations sent out for the 2021-2022 Executive Committee officer positions. We are seeking candidates for President, 1 <sup>st</sup> Vice President, 2 <sup>nd</sup> Vice President, 3 <sup>rd</sup> Vice President, Secretary, Treasurer, Programs, membership and legislation to the 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> VP.
<b>September 11, 2020</b>	The Nomination period for Executive Committee officer positions closed. Nominations should include the following: <ol style="list-style-type: none"> <li>1. Board Resolution authorizing your candidacy;</li> <li>2. Position for which you are running;</li> <li>3. What you will bring to ISDOC, and;</li> <li>4. Introductory about yourself.</li> </ol>
<b>September 15, 2020</b>	Ballots sent out – Via US mail and email.
<b>October 23, 2020</b>	Ballots are due – Via US mail or email to Heather Baez: P.O. Box 20895 Fountain Valley, CA 92728 or <a href="mailto:hbaez@mwdoc.com">hbaez@mwdoc.com</a>
<b>October 29, 2020</b>	The names of officers elected announced at ISDOC quarterly meeting.



*Dedicated to  
Satisfying our Community's  
Water Needs*

## MEMORANDUM

TO: Board of Directors  
FROM: Paul E. Shoenberger, P.E., General Manager  
DATE: August 25, 2020  
SUBJECT: Tax on Commercial and Industrial Properties for Education and Local Government Funding Initiative

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### RECOMMENDATION

This item is provided for discussion.

### STRATEGIC PLAN

Goal #3: Be financially responsible and transparent.  
Goal #4: Increase public awareness about Mesa Water® and about water.  
Goal #7: Actively participate in regional water issues.

### PRIOR BOARD ACTION/DISCUSSION

At its July 22, 2020 meeting, the Board of Directors (Board) directed staff to gather information on whether or not Mesa Water District (Mesa Water®) can educate or advocate the public on California Split Roll – Proposition 15, the Tax on Commercial and Industrial Properties for Education and Local Government Funding Initiative

### DISCUSSION

Following the July 22, 2020 Board of Directors Committee Meeting, staff reached out to the District's General Legal Counsel – Atkinson, Andelson, Loya, Ruud and Romo (AALRR) - to opine on the aforementioned topic.

On August 18, 2020, staff received a confidential memorandum from AALRR stating in part:

*Mesa Water is authorized to educate or provide information to the public regarding Prop 15. Such information provided must remain neutral and non-partisan in nature. Additionally, the Mesa Water Board of Directors ("Board") may adopt a resolution in support of, or in opposition to, Prop 15 that details the impacts of Prop 15's passage on Mesa Water and its services. Any neutral information provided to the public, including a Board resolution, must avoid encouraging the public to vote for or against Prop 15.*

*By contrast, it is impermissible for Mesa Water to use public funds or resources to "expressly advocate" a position on Prop 15. The California Fair Political Practices Commission ("FPPC") has determined that express advocacy uses words such as "vote for," "elect," "support," "cast your ballot," "vote against," "defeat," or "reject."*

*The First Amendment to the United States Constitution protects Board Directors' or Mesa Water staff's ability to "expressly advocate" for or against Prop 15 during their private time and with private funds or resources. However, Mesa Water Directors or staff should be cognizant that Mesa Water should only be mentioned for identification purposes.*





FINANCIAL IMPACT

There is no financial impact for the discussion of this matter.

ATTACHMENTS

None.

**REPORTS:**

18. REPORT OF THE GENERAL MANAGER

**REPORTS:**

19. DIRECTORS' REPORTS AND COMMENTS



*Dedicated to  
Satisfying our Community's  
Water Needs*

## MEMORANDUM

TO: Board of Directors  
FROM: Marwan Khalifa, CPA, MBA Chief Financial Officer  
DATE: August 25, 2020  
SUBJECT: Fiscal Year 2020 Annual Sole Source Report

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### RECOMMENDATION

This item is provided for information.

### STRATEGIC PLAN

Goal #3: Be financially responsible and transparent.

### PRIOR BOARD ACTION

At its January 18, 2018 meeting, the Board of Directors (Board) adopted Resolution No. 1508. This resolution provides Mesa Water District's (Mesa Water) Guidelines for the Procurement of Goods and Services and Cash Disbursements.

### DISCUSSION

Resolution No. 1508 requires that the Board is notified on an annual basis of all sole-sourced contracts entered into by Mesa Water. Attachment A provides a list of all sole-sourced contracts for Fiscal Year (FY) 2020. The list includes the date of the sole source memorandum, the vendor, and the dollar amount approved.

Due to the ongoing COVID-19 pandemic, the emergency clause of Resolution No.1508 was activated in the fourth quarter of FY 2020. It states that, in the event of an emergency, the General Manager has full authority to commit Mesa Water funds in excess of the approved budget limits, or reallocation of funds within those limits, in accordance with, and subject to, the limitations set out in Resolution No. 1508. Contracts entered into during the COVID-19 pandemic will be presented to the Board at the resolution of the emergency.

### FINANCIAL IMPACT

None.

### ATTACHMENTS

Attachment A: Fiscal Year 2020 Annual Sole Source Report

## FISCAL YEAR 2020 ANNUAL SOLE SOURCE REPORT

Date	Vendor	AMOUNT
07/04/19	WHITTINGHAM PAA	\$27,500
07/08/19	BEHRENS & ASSOC.	\$10,000
07/22/19	YORKE ENGINEERING, LLC	\$42,000
07/27/19	GENERAL PUMP CO.	\$35,111
08/15/19	SEPARATION PROCESSES INTERNATIONAL	\$32,120
08/28/19	SOTO RESOURCES	\$13,425
09/09/19	CHARLES P. CROWLEY	\$10,221
09/16/19	CPC SYSTEMS INC.	\$25,000
09/16/19	VALLEY POWER SYSTEMS	\$11,493
09/26/19	JOHN ROBINSON CONSULTING	\$30,000
12/10/19	WOLF CONSULTING, INC.	\$10,000
12/10/19	LA CONSULTING	\$10,000
12/17/19	PRAXAIR	\$117,461
12/17/19	HACH	\$100,000
12/17/19	HACH	\$252,514
02/06/20	RAFTELIS FINANCIAL CONSULTANTS	\$17,219
02/10/20	KRITON MCCONKIE	\$20,000
02/10/20	BEHRENS & ASSOC	\$10,000
04/17/20	WOLF CONSULTING, INC.	\$14,000
04/17/20	LA CONSULTING	\$14,000
04/23/20	GENERAL PUMP CO.	\$18,744
04/28/20	WHITTINGHAM PAA	\$10,000
05/04/20	SOTO RESOURCES	\$5,040
05/04/20	JOHNSON CONTROLS	\$35,000
05/07/20	MURAKAWA COMMUNICATIONS	\$340,000
05/14/20	EMISSIONS COMPLIANT CONTROL CORP.	\$17,005
<b>26 Sole Source Issued</b>		<b>\$1,227,853</b>

There are no support materials for this item.